RIDER UNIVERSITY

2023-24

Academic Catalog

CATALOG.RIDER.EDU

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HOME

University Student Learning Outcomes

1. **Competencies/Skills**
   a. Critical Thinking - Students will be able to complete a comprehensive exploration of issues, ideas, artifacts, or events before accepting or formulating an opinion or conclusion.
   b. Written Communication - students will be able to effectively express ideas in writing using text, data, and images.
   c. Information Literacy - Students will be able to identify a need for information and effectively locate, evaluate and share that information.
   d. Quantitative Reasoning - Students will be able to reason and solve quantitative problems across a variety of contexts.
   e. Oral Communication - Students will be able to prepare and present orally in order to foster understanding.
   f. Technological Competence - Students will be able to effectively use technology to enhance learning.
   g. Scientific Reasoning - Students will be able to apply the methods and principles of scientific inquiry in the analysis of evidence.
2. **Strategic Themes**
   a. Leadership Skills - Students will be able to collaborate with others, engaging team members to contribute to the accomplishment of a common goal.
   b. Ethics and Social Responsibility - Students will be able to identify and articulate the principles and values of social and civic responsibility.
   c. Global/Multicultural Perspectives - Students will be able to identify and explain the potential benefits and/or conflicts that arrive from a world that is a complex, interdependent global system of social, cultural, and economic communities.
3. **Connected Learning** - Students will be able to connect their education in the classroom to real-world issues beyond the campus.

UNDERGRADUATE

Rider University's Vision and Mission

Rider's Vision

Rider University will be a premier, forward-looking university known for its Engaged Learning Program that, together with dynamic academic programs, enriching co-curricular experiences and a vibrant living and learning community, challenges students, excites their imaginations and instills in them excellence in thought and action, preparing them for highly engaged and fulfilling professional and personal lives.

Rider's Mission

Rider University welcomes students from throughout the region, across the nation, and around the world who seek to be challenged and supported as active members of our inclusive and vibrant living and learning community. Committed to student growth, transformation and leadership, we connect rigorous academic, artistic and professional programs of study with a rich array of learning experiences that engage students inside and outside the classroom. We prepare graduates to thrive professionally and to be lifelong independent learners and responsible citizens who embrace diversity, support the common good, and contribute meaningfully to the changing world in which they live and work.

Our students, alumni, faculty, staff and administrators live the **RIDER PROMISE** by being forever:

P - prepared to contribute meaningfully to the changing world in which they live and work

R - respectful of all people, rights, freedoms and individual differences

O - open to a life of independent learning

M - motivated to be responsible citizens who support the common good

I - innovative, creative and resourceful

S - skilled and thriving professionals, educators, artists and performers

E - engaged in their communities as leaders and role models

Accreditations

Rider University is regionally accredited by the Middle States Commission on Higher Education (https://www.msche.org/).

The University also holds many specialized accreditations that attest to the quality of its academic programs. Rider is among the select business schools to have attained AACSB International (https://www.aacsb.edu/) (Association to Advance Collegiate Schools of Business) accreditation in both Business and Accounting. Education programs are accredited by the Council for the Accreditation of Educator Preparation (http://caepnet.org/) (CAEP). Rider's graduate counseling programs in the College of Education and Human Services hold the Council for Accreditation of Counseling and Related Education Programs (https://www.cacrep.org/) (CACREP) national accreditation, and its school psychology program holds the National Association of School Psychologists (https://www.nasponline.org/) (NASP) accreditation. Rider's B.S. in Chemistry program is approved by the Committee on the Professional Training of the American Chemical Society (https://www.acs.org/content/acs/en/about/governance/committees/training.html).

Rider University is a member of the National Collegiate Athletic Association (http://www.ncaa.org/) (NCAA) for both men's and women's athletics. The University offers 21 NCAA Division I sports—10 men's and 11 women's. Rider is a member of the Metro Atlantic Athletic Conference (https://maacsports.com/) (MAAC) for most sports while wrestling competes in the Mid-American Conference (https://getsomemaction.com/news/2019/3/4/mac-announces-historic-wrestling-expansion.aspx) (MAC) and field hockey competes in the Northeast Conference (https://northeastconference.org/?path=fhockey) (NEC).

Notice of the Title IX Coordinator

As a community of educators and learners, Rider University is committed to fostering an environment dedicated to learning and mutual respect as reflected in the University's mission, Statement of Community Values, Anti-Harassment and Non-Discrimination Policy and Title IX. All students, faculty, administrators and staff at the University have the right to expect an environment that allows them to enjoy the full benefits of their learning or work experience. The University, therefore, does not condone violations of its Anti-Harassment and Non-Discrimination Policy and treats all allegations about violations very seriously. As outlined in the Anti-Harassment and Non-Discrimination Policy (https://www.rider.edu/about/consumer-information/handbooks-policies/ahnd/), the University prohibits all forms of discrimination, harassment, sexual assault, sexual misconduct, sexual harassment, dating violence, domestic violence and stalking.

Rider University adheres to all federal, state, and local civil rights laws prohibiting discrimination in education and employment. Rider University does not discriminate in its admissions practices, in its employment practices, or in its educational programs or activities on the basis of race, sex/gender, religion, national origin, or other protected class status. As a recipient of federal financial assistance for education activities, Rider University is required by Title IX of the Education Amendments of 1972 to ensure that all of its education programs and activities do not discriminate on the basis of sex/gender.

For questions or concerns regarding these policies, or to report a violation of policy, please contact the Office of Title IX and Equal Opportunity Compliance:

Debbie Stasolla
Vice President for Strategic Initiatives and Planning
Title IX Coordinator
Moore Library #111
609-896-5228
dstasolla@rider.edu

Ryan D. McKinney
Director of Title IX & Equal Opportunity Compliance
Moore Library, Rm. 110
609-895-5698
rmckinney@rider.edu

Affirmative Action

Rider University is an Equal Opportunity and Affirmative Action Employer. The Affirmative Action Officer is the resource available to anyone seeking additional information or wishing to file a complaint related to Affirmative Action and discrimination on the basis of race, creed, color, religion,

handicap/disability, gender, age, marital status, sexual orientation or national origin.

Rider University's Affirmative Action Plan can be found here: https://www.rider.edu/sites/default/files/2023-05/HR_affirmative_action_plan2023.pdf

For questions or concerns about this policy please contact the Affirmative Action Officer:

Robert A. Stoto
Vice President of Human Resources and Affirmative Action Officer
Moore Library, Rm. 108
609-895-5683
rstoto@rider.edu

Degrees

Rider University offers programs leading to the following undergraduate degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts, Bachelor of Arts and Education, Bachelor of Science in Education, Bachelor of Science in Business Administration, Associate in Arts, Bachelor of Music, and Bachelor of Arts in Music.

Academic Support Services

Rider University offers a wide array of academic support services. Additional information regarding each of these can be found on Rider's website (http://www.rider.edu/academics/academic-support-services/). (http://www.rider.edu/academics/academic-support-services/)

Academic Success Center (http://www.rider.edu/academics/academic-support-resources/student-success-center/)

Offers free tutoring and other programs to enhance learning and development.

Career Development and Success (http://www.rider.edu/careerservices/)

Provides resume assistance, interview preparation, job search and postings, networking, career fairs, graduate school preparation, alumni services, employer partnerships and more.

Registrar (http://www.rider.edu/academics/academic-support-resources/registrar/)

Responsible for academic records, registration processing, degree and attendance verification, transcripts, grade reporting, veterans services, and maintenance of the student and course information systems.

Rider University Libraries (https://www.rider.edu/academics/libraries/)

The University Libraries support the student's academic journey by offering in-person and virtual consultations with librarians for information and research needs, quiet study areas and collaborative workspace, and technology such as virtual reality (VR).

Student Accessibility and Support Services (http://www.rider.edu/academics/academic-support-resources/services-students-disabilities/)

Ensures equal access by providing services for all students with qualifying documented disabilities.

TRIO Student Support Services (https://www.rider.edu/academics/academic-support/trio-programs/)

A comprehensive academic support program designed to increase performance, retention, and graduation rates, primarily of first-generation college students.

Additional Learning Opportunities

Study Abroad

Rider University offers a variety of study abroad opportunities through the Office for International Education (https://www.rider.edu/academics/centers-institutes/office-of-international-education/). Regardless of a student's academic program, students are encouraged to participate in one of Rider study abroad programs that meets their degree requirements. Students apply online for all study abroad programs using their RiderKey credentials.

Each January, Spring Break, and May, Rider offers a variety of credit-bearing opportunities abroad led by Rider faculty and staff. For a list of currently offered programs, please visit Faculty Led Programs (https://rider.studioabroad.com/?Program_Type_ID=1&Program_Name=&pt=%7F&pi=%7F&pc=%7F&pr=%7F&FuseAction=Programs.SearchResults&SimpleSearch=1). Interested students can begin their applications by clicking "Apply Now" on their selected program.

Rider offers study abroad opportunities during all academic semesters (https://rider.studioabroad.com/?Program_Type_ID=6&Program_Name=&pt=Fall%7F&pi=%7F&pc=%7F&pr=%7F&FuseAction=Programs.SearchResults&SimpleSearch=1) and summer (https://rider.studioabroad.com/) programs. Some approved programs, specifically summer programs, offer the opportunity for an internship abroad (https://rider.studioabroad.com/?FuseAction=Programs.AdvancedSearch). Additionally, Rider's Office of Service and Civic Engagement (https://www.rider.edu/about/offices-services/service-civic-engagement/) delivers two service learning abroad programs annually. For information about all of Rider's Study Abroad (https://rider.studioabroad.com/?FuseAction=Programs.AdvancedSearch) programs, visit the web site and explore the array of offerings. We are certain you will find the right study abroad opportunity so every Rider student can be a Bronc Abroad!

Summer Sessions

The summer sessions include courses scheduled in a 3-week or 6-week format. Summer I begins in May following Commencement, and Summer II begins in late June or early July. Courses are offered during the day, evening, and in an online format.

Information regarding summer sessions is available at www.rider.edu/summer (http://www.rider.edu/summer/) . Student registration begins in March. Please contact your college's academic coordinator with questions regarding summer registration.

BA, BS/MBA Program

The integrated BA, BS/MBA program is designed for students who wish to combine undergraduate study in arts and sciences leading to a Bachelor of Arts or Bachelor of Science degree, with graduate study leading to the degree of Master of Business Administration. This intensive program enables highly motivated students to engage in a broadly based education for a career in business or not-for-profit organizations.

The admission process for this program carefully tracks students through the course requirements and ensures that only capable students are enrolled. Freshman students are strongly encouraged, when they start classes, to seek advice about the program from the deans' offices in business administration and liberal arts and sciences. Certain courses must be completed in the freshman and sophomore years if the student intends to complete the program within 11-12 semesters. The actual timing of completing the two degrees will be based on courses that may have been taken in summer sessions and the individual student's internships.

The admission process starts prior to the beginning of the student's junior year (defined as 54 earned credit hours) and assumes completion of the first seven required business courses. At that point, the Norm Brodsky College of Business Dean's Office meets with the student and reviews his/her progress in completing the business core. Step two of the admission process occurs in the first semester of the senior year when the student will formally apply to the MBA Program through the Graduate Admissions Office. The process involves the following:

- A completed application for admission to the MBA program, accompanied by a $50 nonrefundable application fee;
- Receipt of official transcripts from every college or university attended (including Rider University);
- A statement of objectives prepared by the student that presents the student's reasons for wanting to enter the MBA program;
- An interview with the Norm Brodsky College of Business Dean's Office; and,
- Completion of the required freshman and sophomore classes.

Students completing the BA, BS/MBA program must take at least 90 credits in liberal arts and sciences courses at the undergraduate level.

Students will be awarded the BS or BA degree when they complete the requirements for that degree in liberal arts and sciences. The MBA will be awarded upon completion of the MBA requirements.

Students in the program will complete all the courses required in the liberal arts core as well as those courses necessary to satisfy the requirements for a major in liberal arts and sciences. The following courses will be completed in the first eight semesters, offered by the Norm Brodsky College of Business comprising the undergraduate business core:

Code	Title	Credits
ACC 210	Introduction to Accounting	3
ACC 220	Managerial Uses of Accounting	3
ECO 200	Principles of Macroeconomics [1]	3
ECO 201	Principles of Microeconomics [1]	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
MSD 105	Quantitative Methods for Business	3
CIS 385	Management Information Systems	3
CIS 185	Information Systems Essentials	3
MSD 205	Business Statistics	3
BDA 201	Introduction to Business Analytics	3
Total Credits		**36**

1

May be considered either business or liberal arts course.

In the last semester of the senior year, students will take the following course if they have all of the prerequisites met:

Code	Title	Credits
MSD 301	Operations Management	3

In all of the above courses, students must achieve a "B" or better in order for them to waive the equivalent "pre-program requirements" for their MBA Degree. If they do not, the student will be required to take the corresponding course at the graduate level.

During the student's three (3) or four (4) graduate semesters, the following graduate courses must be completed:

Code	Title	Credits
PMBA 8000	Executive Communications	3
PMBA 8210	Information Technology Management	3
PMBA 8220	Strategic Accounting for Manager	3
PMBA 8230	Managerial Economics	3
PMBA 8240	Applied Corporate Finance	3
PMBA 8250	Operations & Supply Chain Management	3
PMBA 8260	Mkt Analysis & Decision Making	3
PMBA 8270	Adv. Organizational Behavior	3
PMBA 8290	Legal and Ethical Aspects of Management	3
PMBA 8880	Strategic Management	3
Electives		6
Total Credits		**36**

Note: There is not a specific combination BS, BA/MBA program for business majors. All business majors may apply directly to the MBA program. If accepted, the student may be able to complete the MBA within twelve months after undergraduate graduation.

Further information concerning the MBA program is available by emailing gradbusiness@rider.edu.

Honors Programs

- Baccalaureate Honors Program (p. 12)
- Honors in Business (p. 13)

Baccalaureate Honors Program

The Baccalaureate Honors Program (BHP) is a University-wide program designed to enrich the educational opportunities available to Rider students of proven intellectual ability who choose to become Baccalaureate Scholars. Interdisciplinary in orientation, the program enables Baccalaureate Scholars to explore diverse forms of thought,

expression, and institutions past and present—an exploration that will enable them to meet future challenges with confidence. Through a series of team-taught seminars and other Honors courses, co-curricular experiences, personal contact with faculty, and completion of a senior Honors capstone project, the scholars extend their ability to think critically about the great themes of their human heritage.

An invitation to join the Baccalaureate Honors Program is extended to eligible entering freshmen and transfer students. Currently enrolled students may also apply for BHP. Students currently enrolled at Rider must have at least a 3.5 GPA at the time of application to the program.

Students in the Business Honors Program in the Norm Brodsky College of Business may also complete the Baccalaureate Honors Program if desired. They will automatically be enrolled in both programs and assigned to complete BHP 100 and BHP 150. After that, any two CBA Honors courses may count toward the BHP certificate, and their CBA senior thesis will be tailored for BHP as well. Completing both honors programs simply requires 3 additional honors courses or contracts beyond what is already required for Business Honors. How specifically to fulfill those requirements may be discussed with the Honors Director.

Other qualified Rider students with a 3.5 grade point average, including juniors and seniors, may also enroll in Honors seminar courses if seats remain open, as long as they receive the approval of the Director.

BHP courses count toward the completion of the honors program, and may also count to fulfill one other requirement. For example, they may count toward ONE Disciplinary Perspective/ general education requirement, toward the Global Perspectives, OR toward the student's major/ minor (depending on what the course has been approved for). In addition, Honors sections of single-discipline courses, designated in the course roster, assist in fulfilling BHP requirements. Honors seminars and courses are designated on student transcripts, whether or not the student completes the program. Successful completion of the BHP is noted on the student's transcript and in the commencement program.

Eligibility for the Baccalaureate Honors Program

For students entering Rider as a freshman:

- Students who earn a 3.5 GPA or higher in high school AND who also score 1280 or higher on the SAT or an ACT composite of 26 or better, are invited to join the Baccalaureate Honors Program as entering freshmen. If students apply test-optional, they must receive a GPA of 3.7 or higher and a total of approximately 17-20 honors/ AP/ IB/ Dual-Enrollment classes. Students may contact the Office of Admissions for any questions surrounding eligibility for honors in any given year.
- While at Rider, the completion of two honors writing courses, 5 upper-level seminars or honors experiences, and an honors capstone project is required for graduation with honors.
- Currently enrolled freshmen or sophomores may apply to the honors program if they achieve success in their freshmen writing class(es), earn a GPA of at least 3.3, and/ or are recommended by at least two faculty members. For these late-start students, completion of one honors course or experience per semester they are in the program is required for graduation with honors. This includes an honors capstone project during one semester of their senior year.

For students entering Rider as a transfer with 20 credits or less:

- Students who earn a cumulative GPA of 3.5 or higher and achieve a grade of B or higher in a college-level English/writing class may be invited to join the Baccalaureate Honors program as transfer students. For these transfer students, completion of 6 courses in the honors program plus an honors capstone project is required for graduation with honors. Honors credits taken at the students' first institution may be accepted at the discretion of the program director.
- Transfer students must speak with the Honors Program Director to establish the personal trajectory that will be required to complete their honors experience at Rider.

For students entering Rider as a transfer with more than 20 credits:

- Students who earn a cumulative GPA of 3.5 or higher and achieve a grade of B or higher in a college-level English/writing class may be invited to join the Baccalaureate Honors program as transfer students. For students who start after their first semester, they must complete one honors course or experience per semester in order to complete the program. Honors credits taken at students' first institution may be accepted at the discretion of the program director.
- Transfer students must speak with the Honors Program Director to establish the personal trajectory that will be required to complete their honors experience at Rider.

Contact:

Cara DiYanni, Ph.D.
Professor of Psychology
Director, Baccalaureate Honors Program
Hennessy Science and Technology Center, #320C
(609) 896-7761
cdiyanni@rider.edu

For more information on the Baccalaureate Honors Program please see: www.rider.edu/bhp (http://www.rider.edu/BHP/).

Honors in Business

The Business Honors Program is designed exclusively for business majors enrolled in the Norm Brosky College of Business. Entering students are automatically considered for the program based on their academic record. Continuing students are invited to join by the director of the program.

Rider's Business Honors Program features cohort learning, which teaches the framework of successful business environments by encouraging teamwork and critical thinking. Students participate in classes with the same group of students for all four years. The cohort creates a powerful learning environment where students gain crucial business skills: the ability to communicate and collaborate, problem-solve, analyze various perspectives, initiate discussions, network, and delegate.

Business honors students receive special advising, the opportunity to live in a residential learning community in their freshman year, priority in course registration, and invitations to attend co-curricular events (e.g., art exhibits, film screenings, poetry slams, theater previews, etc.) which are planned by the faculty team.

Each fall, approximately 25 students who have applied for and have been accepted to Rider University's Norm Brodsky College of Business will be invited to participate in the Business Honors Program. These students will be chosen based on their SAT scores and high school GPA. An additional ten students will be chosen after the end of the fall semester based on GPA.

To complete the Business Honors Programs, students must complete the required number of honors business core classes, write an honors thesis,

maintain a minimum overall GPA of 3.4, complete one non-core business honors class, and complete a thesis.

The selected students will take the following sequence of honors courses beginning in the fall of their freshman year:

Class Standing	Semester	Honors Courses
Freshman	Fall	CIS 185, ECO 200 and CBA 110
	Spring	ECO 201 and MKT 200
Sophomore	Fall	ACC 210 and MGT 201
	Spring	FIN 220
Junior	Fall	BUS 300 and CIS 385
Senior		BUS 444, BUS 400 and Senior Honors Thesis

In order to successfully complete the honors program, a student will do the following:

- Complete eight of the eleven honors courses above (not including BUS 444), one of which must be BUS 400. Students that enter in the Fall of their sophomore year must complete six core honors courses.
- Complete a non-core CBA honors course (BUS 444).
- Complete an honors thesis.
- Have a minimum GPA of 3.4 in all honors courses.
- Have a minimum GPA of 3.4 overall.

Upon successful completion of the honors program, a student will receive a special honors designation on his/her transcript, an honors award, and special recognition at graduation.

Contact:

Ira Sprotzer, J.D.
Associate Professor of Legal Studies
Director, Business Honors Program
Norm Brodsky College of Business, #239
609-896-5280
businesshonors@rider.edu

For more information about the Business Honors Program please see: https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate-programs/honors-programs (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate-programs/honors-programs/)

Search Courses

Welcome to Course Search

Use the search panel on the left to find and narrow down courses of interest.

Undergraduate Majors, Minors, Certificates and Concentrations

A to Z Listing

The list of programs below includes those offered by all colleges and schools at Rider University. Some offerings are restricted to Continuing Education Program (CEP) students or Virtual students only and are indicated with the corresponding designation.

Program	Major	Minor	Certific	Concentration
Accounting (p. 19)	✓			
Acting for Film Television and Theatre (p. 23)	✓			
Actuarial Science (CAS) (p. 27)	✓			
African American Studies (p. 30)		✓		
Allied Health Studies (CEP) (p. 32)	✓			
Allied Health Studies Online (CEP or Virtual) (p. 35)	✓			
Applied Behavior Analysis (p. 38)			✓	
Arts and Entertainment Industries Management (p. 39)	✓	✓		
Behavioral Neuroscience (p. 49)	✓			
Bilingual Education (p. 54)			✓	
Biochemistry (p. 79)	✓			
Biology B.S. / B.A. (p. 83)	✓	✓		
Business Administration (p. 91)	✓			

Business Administration A.A. (CEP) (p. 95)	√			
Business Data Analytics (p. 97)	√	√		
Business Basics Certificate (CEP) (p. 101)			√	
Business Plus (CEP) (p. 102)			√	
Cannabis Studies (p. 103)			√	
Chemistry B.S. / B.A. (p. 104)	√	√		
Chinese (p. 110)		√		
Chinese and Asian Area Studies (p. 112)		√		
Communication Studies (p. 114)	√	√		
Computer Science (p. 125)	√	√		
Creativity and Innovation (p. 129)			√	
Criminal Justice (p. 132)	√	√		
Cybersecurity (CAS) (p. 140)	√	√		
Dance (p. 144)	√	√		
Dance Science (p. 151)	√			
Dance Studies (p. 144)				√
Early Childhood Education (p. 155)		√		
Earth and Environmental Sciences (p. 195)		√		
Earth Sciences (p. 198)	√			
Elementary Education (p. 155)	√			
Elementary Education: STEM Studies (p. 220)	√			
Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in a Content Area (p. 155)		√		
Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in Psychology (p. 155)		√		
Elementary Education with a concentration in Multidisciplinary Studies (p. 206)	√			
Elementary Education with a concentration in Multidisciplinary Studies with a Middle School Endorsement (p. 206)	√			
Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education (p. 206)	√			
Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education (p. 206)	√			
Elementary Education with a concentration in Multidisciplinary Studies with an ESL/ Bilingual Endorsement (p. 206)	√			
English (p. 227)	√	√		
English as a Second Language Certificate (p. 155)			√	
Entrepreneurial Studies (p. 240)	√			
Entrepreneurship (p. 244)		√		
Environmental Sciences (p. 246)	√			
Environmental Studies (p. 253)	√			
Ethics (p. 258)		√		
Event Planning and Production (p. 261)		√		
Exercise Science (p. 263)	√			
Film and Media Studies (p. 901)		√		
Film and Television (p. 904)	√	√		
Filmmaking for Actors (p. 912)		√		
Finance (p. 269)	√			
Finance Major Concentrations (p. 269)				√
Finance Minor for Non-business Majors (p. 275)		√		
Fraud and Business Forensics (p. 276)			√	
French (p. 277)		√		
Game and Interactive Media Design (p. 280)	√			
Gender and Sexuality Studies (p. 284)		√	√	
General Business for Non-business Majors (p. 288)		√		
General Studies A.A. (CEP) (p. 289)	√			
Geology (p. 290)	√			
Global Supply Chain Management (p. 295)	√		√	√
Graphic Design (p. 301)	√	√		
Health Administration (p. 311)		√		
Health Care Management (p. 314)	√			
Health Care Policy (p. 1144)		√		
Health Communication (p. 317)		√		
Health Sciences (p. 319)	√			
History (p. 323)	√	√		
Homeland Security Policy (p. 330)		√		
Human Resource Management (p. 333)	√			
Information Systems (p. 337)	√	√		
International Business (p. 344)	√			
Journalism (p. 346)	√	√		
Latinx Studies (p. 357)		√		
Legal Studies (p. 358)		√		
Liberal Studies (CEP) (p. 360)	√			
Liberal Studies Online (CEP or Virtual) (p. 366)	√			
Management and Leadership (p. 372)	√		√	
Management and Leadership/Human Resource Management Double Major (p. 376)	√			
Marine Sciences (p. 380)	√	√		
Marketing (p. 386)	√			
Marketing Minor for Non-business Majors (p. 661)		√		
Mathematics (p. 399)	√	√		
Middle School Education (p. 155)		√		
Movement Science (p. 402)		√		
Multicultural Studies (p. 403)		√		
Music - B.A.M. (p. 405)	√		√	√
Music Education (p. 413)	√		√	
Music Production (p. 419)	√	√		
Music Studies (p. 423)		√		
Musical Theatre B.F.A. (p. 424)	√			
Musical Theatre: Musical Direction (p. 433)	√			

Nursing: Online R.N. to B.S.N. (p. 979)	√			
Organizational Psychology B.A. (CAS) (p. 436)	√		√	
Philosophy (p. 442)		√		
Physics (p. 445)		√		
Political Communication (p. 447)		√		
Political Science (p. 449)	√	√		
Psychology (p. 461)	√	√		
Psychology Online (CEP or Virtual) (p. 472)	√			
Public Health Certificate (p. 481)			√	
Public Relations (p. 482)	√	√		
Publishing and Professional Writing (p. 492)			√	
Radio and Podcasting (p. 493)	√	√		
Research Methods in Psychology (p. 503)			√	
Risk Management and Insurance (p. 662)			√	
SAP Student Recognition Award Certificate (p. 506)			√	
Sales (p. 507)		√		
Sales with SAP Student Recognition Award Certificate (p. 507)			√	
Secondary Education (p. 54)	√			
Secondary Education and Interdisciplinary Minor in Special Education (p. 54)		√		
Social Justice through Civic Engagement (p. 509)		√		
Social Media Strategies (p. 512)	√	√		
Social Work (p. 516)	√	√		
Sociology (p. 518)	√	√		
Spanish (p. 527)	√	√		
Special Education for Elementary Education Majors with a Second Major in a Content Area (p. 155)		√		
Special Education for Elementary Education Majors with a Second Major in Psychology (p. 155)		√		
Sport Management (p. 532)	√			
Sport Studies (p. 536)		√		
Sports Media (p. 538)	√	√		
Supply Chain Analytics (p. 295)			√	√
Sustainability Studies (p. 541)		√		
Teaching English to Speakers of Other Languages (TESOL) (p. 543)			√	
Theatre (p. 545)	√	√		
Voice Performance (p. 554)	√			
Web Design (p. 561)		√		

By Colleges and Schools

The programs below are listed under the college or school in which they are offered. Some offerings are restricted to Continuing Education Program students only and are indicated with the CEP designation.

Norm Brodsky College of Business (p. 16)
College of Education and Human Services (p. 17)

College of Arts and Sciences:

School of Science, Technology and Mathematics (p. 17)
School of Humanities and Social Sciences (p. 17)
School of Communication, Media and Performing Arts (p. 18)
Westminster Choir College (p. 18)

Norm Brodsky College of Business

Program	Major	Minor	Certific	Concentration
Accounting (p. 19)	√			
Business Administration (p. 91)	√			
Business Administration A.A. (CEP) (p. 95)	√			
Business Analytics (p. 97)	√	√		
Business Basics (CEP) (p. 101)			√	
Business Plus (CEP) (p. 102)			√	
Entrepreneurial Studies (p. 240)	√			
Entrepreneurship Minor (p. 244)		√		
Finance (p. 269)	√	√		√
Finance Major Concentrations (p. 269)				√
Finance Minor for Non-business Majors (CEP) (p. 275)		√		
Fraud and Business Forensics (p. 276)			√	
General Business for Non-business Majors (p. 288)		√		
Global Supply Chain Management (p. 295)	√		√	
Health Administration (p. 311)		√		
Health Care Management (p. 314)	√			
Human Resource Management (p. 333)	√			
Information Systems (p. 337)	√	√		
International Business (p. 344)	√			
Legal Studies (p. 358)		√		
Management and Leadership (p. 372)	√		√	
Management and Leadership/Human Resource Management Double Major (p. 376)	√			
Marketing (p. 386)	√			
Marketing Minor for Non-business Majors (p. 661)		√		
Risk Management and Insurance (p. 662)			√	
Sales (p. 507)		√		
Sales with SAP Student Recognition Award Certificate (p. 507)			√	
SAP Student Recognition Award Certificate (p. 506)			√	
Sport Management (p. 532)	√			
Sport Studies (p. 536)		√		
Supply Chain Analytics (p. 295)			√	√

College of Education and Human Services

Program	Major	Minor	Certific	Concentration
Bilingual Education (p. 54)			✓	
Early Childhood Education (p. 155)		✓		
Elementary Education (p. 155)	✓			
Elementary Education: STEM Studies (p. 220)	✓			
Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in a Content Area (p. 155)	✓	✓		
Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in Psychology (p. 155)		✓		
Elementary Education with a concentration in Multidisciplinary Studies (p. 206)	✓			
Elementary Education with a concentration in Multidisciplinary Studies with a Middle School Endorsement (p. 206)	✓			
Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education (p. 206)	✓			
Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education (p. 206)	✓			
Elementary Education with a concentration in Multidisciplinary Studies with an ESL/ Bilingual Endorsement (p. 206)	✓			
English as a Second Language (p. 155)			✓	
Middle School Education (p. 155)		✓		
Secondary Education (p. 54)	✓			
Secondary Education and Interdisciplinary Minor in Special Education (p. 54)		✓		
Special Education for Elementary Education Majors with a Second Major in a Content Area (p. 155)		✓		
Special Education for Elementary Education Majors with a Second Major in Psychology (p. 155)		✓		

College of Arts and Sciences: School of Science, Technology and Mathematics

Program	Major	Minor	Certific	Concentration
Actuarial Science (p. 27)	✓			
Allied Health Studies (CEP) (p. 32)	✓			
Allied Health Studies Online (CEP) (p. 35)	✓			
Behavioral Neuroscience (p. 49)	✓			
Biochemistry (p. 79)	✓			
Biology B.S./B.A. (p. 83)	✓	✓		
Chemistry B.S./B.A. (p. 104)	✓	✓		
Computer Science (p. 125)	✓	✓		
Cybersecurity B.S. (p. 140)	✓	✓		
Earth and Environmental Sciences (p. 195)		✓		
Earth Sciences (p. 198)	✓			
Environmental Sciences (p. 246)	✓			
Environmental Studies (p. 253)	✓			
Exercise Science (p. 263)	✓			
Geology (p. 290)	✓			
Health Sciences (p. 319)	✓			
Marine Sciences (p. 380)	✓	✓		
Mathematics (p. 399)	✓	✓		
Movement Science (p. 402)		✓		
Nursing: Online R.N. to B.S.N. (p. 979)	✓			
Physics (p. 445)		✓		
Public Health Certificate (p. 481)			✓	
Sustainability Studies (p. 541)		✓		

College of Arts and Sciences: School of Humanities and Social Sciences

Program	Major	Minor	Certific	Concentration
African American Studies (p. 30)		✓		
Applied Behavior Analysis (p. 38)			✓	
Cannabis Studies (p. 103)			✓	
Chinese (p. 110)		✓		
Chinese and Asian Area Studies (p. 112)		✓		
Creativity and Innovation (p. 129)			✓	
Criminal Justice (p. 132)	✓	✓		
English (p. 227)	✓	✓		
Ethics (p. 258)		✓		
French (p. 277)		✓		
Gender and Sexuality Studies (p. 284)		✓	✓	
General Studies A.A. (CEP) (p. 289)	✓			
History (p. 323)	✓	✓		
Health Care Policy (p. 1144)		✓		
Homeland Security Policy (p. 330)		✓		
Latinx Studies (p. 357)		✓		
Liberal Studies (CEP) (p. 360)	✓			
Liberal Studies Online (CEP or Virtual) (p. 366)	✓			
Multicultural Studies (p. 403)		✓		
Organizational Psychology (p. 436)	✓		✓	
Philosophy (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/majors-minors-certificates/philosophy/)		✓		
Political Communication (p. 447)		✓		
Political Science (p. 449)	✓	✓		
Psychology (p. 461)	✓	✓		
Psychology Online (CEP or Virtual) (p. 472)	✓			
Publishing and Professional Writing (p. 492)			✓	
Research Methods in Psychology (p. 503)			✓	
Social Justice through Civic Engagement (p. 509)		✓		
Social Work (p. 516)	✓	✓		

Sociology (p. 518)	√	√		
Spanish (p. 527)	√	√		
Teaching English to Speakers of Other Languages (TESOL) (p. 543)			√	

College of Arts and Sciences: School of Communication, Media and Performing Arts

Program	Major	Minor	Certific	Concentration
Acting for Film Television and Theatre (p. 23)	√			
Arts and Entertainment Industries Management (p. 39)	√	√		
Communication Studies (p. 114)	√	√		
Dance (p. 144)	√	√		
Dance Science (p. 151)	√			
Dance Studies (p. 144)	√			
Event Planning and Production (p. 261)		√		
Film and Media Studies (p. 901)		√		
Film and Television (p. 904)	√	√		
Filmmaking for Actors (p. 912)		√		
Game and Interactive Media Design (p. 280)	√			
Graphic Design (p. 301)	√	√		
Health Communication (p. 317)		√		
Journalism (p. 346)	√	√		
Music Production (p. 419)	√	√		
Music Studies (p. 423)		√		
Musical Theatre: Musical Direction (p. 433)	√			
Musical Theatre B.F.A. (p. 424)	√			
Public Relations (p. 482)	√	√		
Radio and Podcasting (p. 493)	√	√		
Social Media Strategies (p. 512)	√	√		
Sports Media (p. 538)	√	√		
Theatre (p. 545)	√	√		
Web Design (p. 561)		√		

College of Arts and Sciences: Westminster Choir College

Program	Major	Minor	Certific	Concentra
Music B.A.M. (p. 405)	√		√	√
Music Education (p. 413)	√		√	
Voice Performance (p. 554)	√			

The Academic Programs A to Z Chart (p. 14) lists Rider University's majors, minors and certificates alphabetically, along with the college or school (p. 16) that grants each degree, major, minor and certificate. The following definitions explain the difference between majors, minors, tracks, concentrations, and emphases:

Major	An organized group of courses ranging from introductory through advanced levels. Typically most if not all courses are in a single primary area of study, although some majors include study in multiple disciplines. Undergraduate majors require between 18 and 90 credits, depending upon the liberal arts or professional focus. Graduate majors require between 30 and 45 credits. Entrance into some majors may require prerequisites, portfolios, auditions, or other forms of assessment. Upon completion of all requirements, the major is listed on the official transcript.
Minor	An organized group of courses, typically involving introductory through intermediate levels. While most minors are in a single discipline, Rider University offers several interdisciplinary minors, such as Law and Justice, and Sustainability Studies. Minors are offered at only the undergraduate level, and require between 15-33 credits. Some departments have restrictions on the connection between major and minor options. Entrance into some minors may require prerequisites, portfolios, auditions, or other forms of assessment. Upon completion of all requirements, the minor is listed on the official transcript.
Track	A choice of specialty within a degree, tracks comprise an organized group of courses serving a particular focus within a major. In undergraduate and graduate majors that represent multiple disciplines, tracks indicate a particular disciplinary focus. In a single discipline major with tracks, each track represents a singular focus, often representing a liberal arts or professional path. In some cases, a track represents a sub-specialization within the major field. Entrance into some tracks, particularly those that represent a particular disciplinary focus, may require prerequisites, portfolios, auditions, or other forms of assessment. Tracks require between 21 and 52 credits. Upon completion of all requirements, the track is listed on the official transcript along with the major field of study.
Concentration	Concentrations, such as for the Finance Major or Supply Chain Analytics, represent a specialty or focus within an undergraduate or graduate major field of study. Typically, a concentration unites courses around content or a particular theme. Concentration requirements are a portion of a major, not the entire major itself. In some cases, concentrations refer to an interdisciplinary combination. Entrance into some concentrations may require prerequisites, portfolios, auditions, or other forms of assessment. Undergraduate concentrations require between 9 and 36 credits; graduate concentrations range from 9 to 18 credits. Upon completion of all requirements, the concentration is listed on the official transcript along with the major field of study.

Emphasis Typically an organized group of courses in a single discipline, the emphasis represents a subset of credits within an undergraduate or graduate major. The emphasis provides a coherent focus of study within a discipline, which may or not be in the major field. Typically an emphasis represents less than a third of the total major credits, mostly ranging from 15 to 19 credits. Entrance into some areas of emphasis may require prerequisites, portfolios, auditions, or other forms of assessment. Upon completion of all requirements, the emphasis is listed on the official transcript along with the major field of study.

Accounting

Program Overview

Rider's accounting program is designed to build professionals. The B.S.B.A. in accounting provides students with the skills and knowledge needed for careers with corporations, public accounting firms, and governmental organizations.

Accounting majors learn in the classroom, through co-op and internship positions, and through ongoing networking opportunities with accounting executives.

Student Learning Outcomes:

An accounting graduate will:

- demonstrate an ability to apply knowledge of fundamental U.S. accounting, auditing and tax techniques and standards to accounting problems;
- demonstrate effective oral communication and presentation skills;
- demonstrate effective written communication skills;
- demonstrate proficiency in the appropriate application of relevant information technology skills for professional tasks;
- demonstrate basic professional skills for problem-solving and critical thinking;
- demonstrate an ability to research accounting, auditing and tax issues;
- demonstrate an understanding of the importance of ethics in the accounting profession and the ability to apply ethical reasoning to accounting decision making.

Curriculum Overview

The B.S.B.A. accounting curriculum prepares students for a variety of career paths in the dynamic field of accounting. The curriculum emphasizes technical knowledge, professional development, written and oral communication, information technology, ethics and global perspectives.

The B.S.B.A. program has an active co-op and internship program in which students work in paid positions during the semester or summer and earn academic credit for the program. Both the co-op and internship can be completed within the four year program and often lead to full-time employment. The B.S.B.A. also offers a business forensic concentration.

Students who want to pursue **CPA certification** can meet the 150 hour requirement for CPA licensure by double majoring in the B.S.B.A. program or by continuing in the **4+1 Master of Accountancy (MAcc) program**.

Undergraduate accounting majors are encouraged to work closely with their advisor to select courses which will best address their career and certification plans. Students should consult the specific certification requirements of the state jurisdiction in which they plan to become certified and plan accordingly. To learn more about individual state requirements for CPA licensure see www.nasba.org. (https://nasba.org/exams/cpaexam/)

Master of Accountancy (4 + 1 MAcc Program)

The 4 +1 MAcc program is the fastest growing program in the Norm Brodsky College of Business. The MAcc prepares students for CPA licensure and allows for an area of specialization. Students may enter the program directly from the B.S.B.A. program, and for students with overall and accounting GPA of 3.0, the GMAT requirement for admission is waived. The MAcc can be completed on either a full-time or part-time basis.

Accreditation Information

The accounting program is one of less than 3% of accounting programs worldwide to hold the prestigious AACSB business and accounting accreditation. The accounting faculty are committed to continuous improvement in curriculum, faculty and student preparation.

Degrees Offered

- B.S.B.A. in Accounting
- Master of Accountancy (fifth year program, 4+1)

Contact

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Department Website: (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/accounting/**)**Accounting (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/accounting/)
Accreditation: Association to Advance Collegiate Schools of Business - Accounting and Business Accreditations (AACSB) (http://www.aacsb.edu)

Related Programs

- Business Administration (p. 91)
- Entrepreneurial Studies (p. 240)
- Finance (p. 269)
- Fraud and Business Forensic Concentration (p. 276)
- International Business (p. 344)
- Management and Leadership (p. 372)
- Master of Accountancy (p. 1342)

Major Requirements

(27 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
Major Requirements		
ACC 302	Cost Management	3

ACC 310 & ACC 311	Acct Theory & Concepts I and Accounting Theory & Concepts II	6
ACC 320	Accounting Info Systems	3
ACC 400	Principles of Auditing	3
ACC 405	Accounting Problems & Practice	3
ACC 410	Fundamentals of Federal Taxation	3
BUS 210	Intro to Law: Contracts	3
FIN 308	International Finance	3
Total Credits		**27**

Students who plan to take the CPA exam may, with the Department Chair's permission, take MACC 658 Governmental and Not-for-Profit Accounting during their senior year. These credits may be used to fulfill the 120 undergraduate credit requirement. Students who are not entering into the MAcc but plan on taking the CPA test are allowed to take MACC 658 as part of the undergraduate program. The student will need to have an overall and accounting GPA of 3.3.

Students desiring to become certified public accountants (CPAs) will be required to have 120 credit hours of education to take the CPA exam and have completed 150 credit hours of education for licensure. Rider accounting majors may graduate after four years (120 credit hours) or seek to achieve the additional credit hours directly through admission to the Master of Accountancy (MACC) program at the University. It is possible to apply to the MACC program at Rider after completion of 90 credit hours. (Please consult the Rider University Graduate Academic Catalog for details on the MACC program (p. 1342).) Undergraduate accounting majors are encouraged to work closely with their advisor to select courses that will best address their career and certification plans. Students should consult the specific certification requirements of the state jurisdiction in which they plan to become certified and plan accordingly.

Students majoring in accounting must receive a grade of at least "C-" in a prerequisite course for any advanced course in accounting, and must have a cumulative average of at least 2.0 in the major.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
ACC 210	Introduction to Accounting	3
CIS 185	Information Systems Essentials [3]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [4]	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 110	Business in Action [3]	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 302	Cost Management	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 320	Accounting Info Systems	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ACC 310	Acct Theory & Concepts I	3
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
Leadership Elective [2]		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ACC 311	Accounting Theory & Concepts II	3
BUS 210	Intro to Law: Contracts	3
FIN 308	International Finance (International Business)	3
MSD 301	Operations Management	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ACC 405	Accounting Problems & Practice	3
ACC 410	Fundamentals of Federal Taxation	3
Liberal Arts Elective [1]		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ACC 400	Principles of Auditing	3
BUS 400	Strategic Management and Policy	3
International Business Elective		3
Liberal Arts Elective [1]		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

[1]

Students must take four Liberal Arts Electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Liberal Arts and Sciences.

[2]

Choose from LDP 398 The Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning Through Minding Our Bus, MGT 355 Team Management, or MGT 363 Management Skills. Students taking ACC 399 The Co-Operative Experience are required to take LDP 398 The Co-op Experience Seminar during the co-op semester.

[3]

CIS 185 Information Systems Essentials and CBA 110 Introduction to Business can be taken in the Fall or Spring of Year 1.

[4]

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

NOTES

- **Business Fraud and Forensic Concentration:** Students should take ACC 325 Fraud Examination and Business Forensics in the spring of sophomore year, ACC 321 Internal Auditing in the fall of junior year, and ACC 450 Business Forensic Application in the spring of senior year.
- **CPA Licensure Requirements for Students Not Entering the MAcc:** Students should also work with their academic advisor to plan the additional 30 credits.
- Students are required to take FIN 308 International Finance as one of the required International Business Electives, as well as BUS 210 Intro to Law: Contracts.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., Internship, Co-op, Study Tour, study abroad, ENT 448 Seminar in Small Business Consulting,ECO 450 Seminar in Economic Research).
- Students working co-op positions in the spring of their third year will substitute ACC 399 (6 credits of free electives) for MSD 301 and one liberal arts elective. MSD 301 and the liberal arts elective must be taken in another semester.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
ACC 210	Introduction to Accounting	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective [1]		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 110	Business in Action	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
MKT 200	Marketing Principles	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
ACC 302	Cost Management	3
ACC 310	Acct Theory & Concepts I	3
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 311	Accounting Theory & Concepts II	3
ACC 320	Accounting Info Systems	3
CBA 212	Business Communications	3
COM 290	Professional/Strategic Speech	3
FIN 308	International Finance (International Business)	3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
BUS 210	Intro to Law: Contracts	3
MSD 301	Operations Management	3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
ACC 405	Accounting Problems & Practice	3
ACC 410	Fundamentals of Federal Taxation	3
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
Liberal Arts Elective [1]		3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 400	Principles of Auditing	3

BUS 400	Strategic Management and Policy	3
International Business Elective		3
Liberal Arts Elective [1]		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students must take four Liberal Arts Electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

NOTES

- The above plan assumes no AP or other credits were transferred into Rider University.
- Students are required to take 6 credits of International Business Electives. One of the courses must be FIN 308 International Finance.
- Business Honors students will have a different sequence.
- For the Leadership Elective, choose from LDP 200 Foundations of Leadership, LDP 220 Service Learning Through Minding Our Bus, LDP 398 The Co-op Experience Seminar, MGT 355 Team Management, or MGT 363 Management Skills.
- It is strongly suggested that students complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448 Small Business Consulting Sem, ECO 450 Seminar in Economic Research).
- Students are required to take FIN 308 International Finance as one of the required International Business Electives, as well as BUS 210 Intro to Law: Contracts.

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ACC 220 Managerial Uses of Accounting 3 Credits
This course provides an introduction to the use of accounting information in managerial decision-making. Topics include cost behavior, cost classifications, and problem-solving functions of accounting as they pertain to planning, control, evaluation of performance, special decisions, and budgeting. The interpretation of published financial statements and the statement of cash flow are also covered.
Prerequisite(s): ACC 210.

ACC 302 Cost Management 3 Credits
This course focuses on firm strategy and the role managerial accounting information plays in the decision making process. Topics include the balanced scorecard, the value chain, product life cycles , target costing, theory of constraints, strategic pricing, management and control of quality cost systems, traditional and activity-based costing, cost control, standard costs and variances, and capital budgeting.
Prerequisite(s): ACC 220 with a minimum grade of C- and CIS 185 with a minimum grade of C-.

ACC 310 Acct Theory & Concepts I 3 Credits
This is the first upper-level course in a sequence in financial accounting courses. Topics include the conceptual framework, and standard setting process followed by application and evaluation of generally accepted accounting principles including content, and structure of financial statements, present value concepts, current assets, current liabilities, property, plant, and equipment, intangible assets and non-current liabilities are studied. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisite(s): (ACC 210 with a minimum grade of C- and ACC 220 with a minimum grade of C-) or PMBA 8020 or VL10 with a score of WV).

ACC 311 Accounting Theory & Concepts II 3 Credits
This course is a continuation of ACC 310. Topics include long-term investments, stockholders' equity, earnings per share, interperiod income tax allocation, accounting changes, revenue recognition, pensions, leases and cash flow analysis. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisites: ACC 310 with a minimum grade of C- or VL02 with a score of WV.

ACC 320 Accounting Info Systems 3 Credits
This course provides an introduction to accounting information systems and enterprise-wide, process-focused information systems. Topics include quality of data for decision usefulness, internal control concepts and documentation tools, and database theory and applications.
Prerequisite(s): ACC 220 and CIS 185.

ACC 321 Internal Auditing 3 Credits
This course provides an introduction to the internal audit profession, including understanding the nature and activities associated with the internal audit process. Topics include: international auditing standards, risk assessment including internal control system evaluation, business processes, and the relationship of management and employee fraud to the internal audit process.
Prerequisite(s): ACC 220.

ACC 325 Fraud Examination and Business Forensics 3 Credits
This course provides an introduction to the prevalence of fraud in all forms of business, including the many methods used by employees and managers to perpetrate fraud. Topics include: the motivation of individuals to commit fraud, various types of fraud schemes perpetrated in the workplace, as well as the various tools and techniques that are used to investigate, detect and prevent fraud.
Prerequisite(s): ACC 210.

ACC 399 The Co-Operative Experience 6 Credits
This course provides the student with a semester long supervised employment with participating companies. Students are evaluated periodically by senior staff members of the participating firms and required to complete a work journal, self-assessment and reflection paper. Eligible students include junior and senior accounting majors with a minimum GPA of 3.0 in accounting coursework. Co-op credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis.
Prerequisite(s): ACC 210, ACC 220, and ACC 310 and permission of department chairperson.

ACC 400 Principles of Auditing 3 Credits
This course provides an introduction to financial statement audits performed by certified public accountants. Topics include corporate governance, the audit environment, professional standards, audit methodology, and audit report preparation. The course also provides an overview of other types of assurance and non-assurance services provided by CPA firms.
Prerequisite(s): (ACC 310 with a minimum grade of C- or ACC 310P with a minimum grade of C-) or VL02 with a score of WV.

ACC 405 Accounting Problems & Practice 3 Credits
This course provides additional coverage of financial reporting issues and procedures. Topics include business combinations, consolidated financial statements, foreign currency translation, the effects of diversity across countries, disclosure and SEC reporting issues. Governmental and not-for-profit accounting standards are also covered.
Prerequisite(s): (ACC 311 with a minimum grade of C- or ACC 311P with a minimum grade of C- or VL03 with a score of WV).

ACC 406 Integrative Professional Capstone 3 Credits
This course provides an integrative experience that applies financial statement and data analysis tools to a variety of accounting settings. Topics include issues of ethics and professionalism and linkages between accounting methods and company policy, equity valuation, bond ratings and other decision areas.
Prerequisite(s): ACC 405 or permission of department chairperson.

ACC 410 Fundamentals of Federal Taxation 3 Credits
This course provides fundamental federal tax concepts applicable to individuals, partnerships, corporations, estates, and gifts. Topics are considered from a tax compliance and planning perspective. Preparation of individual and corporate tax returns is also included.
Prerequisite(s): ACC 311 with a minimum grade of C- or ACC 311P with a minimum grade of C- or VL03 with a score of WV.

ACC 410P Fund of Federal Taxation - PM 3 Credits
This course provides fundamental federal tax concepts applicable to individuals, partnerships, corporations, estates, and gifts. Topics are considered from a tax compliance and planning perspective. Preparation of individual and corporate tax returns is also included.
Prerequisite(s): ACC 311 or ACC 311P. Restricted to students in the MAcc program.

ACC 450 Business Forensic Application 3 Credits
This course provides an opportunity to perform complex investigative cases and analyses, thus demonstrating mastery of the knowledge and skills required to be effective forensic professionals. The course covers how to manage and present digital and technical evidence gathered for forensic litigation cases, including the ability to be an expert witness in court.
Prerequisite(s): ACC 325 and ACC 321.

ACC 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and department chairperson. Available to juniors and seniors.

ACC 491 Accounting Internship 3 Credits
This course provides the student with approximately two months of supervised employment with participating companies. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a term paper. Eligible students include junior and senior accounting majors with a minimum GPA of 3.0 in accounting coursework. Upon completion of course, a letter grade will be awarded.
Prerequisite(s): Permission of department chairperson.

BUS 210 Intro to Law: Contracts 3 Credits
An introduction to the origin of current law, with emphasis on the development of business law, students are exposed to legal terminology and acquainted with the system of application of rules of law to actual situations. The laws of contracts, particularly common-law developments, are considered in great detail.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

Acting for Film, Television or Theatre

Program Overview

The B.F.A. in Acting is a professional training program preparing students for entry in stage, film and television. The program consists of comprehensive training in acting, voice and movement as well as training in the business of acting, directing, script analysis and theatre history. They will learn from a faculty of working professionals from every aspect of the discipline. Rider's close proximity to New York City and Philadelphia allows students to interface with many industry experts and to help nurture their professional aspirations in the vibrant cultural atmosphere of these major entertainment markets.

Degree Offered

- B.F.A. in Acting for Film, Television or Theatre

Contact

Todd Dellinger
Associate Professor
Chair, Department of Performing Arts
Fine Arts, 140
609-896-5246
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Acting for Film, Television or Theatre (BFA) Major Requirements

(81 credits)

Students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

Students in the BFA in Acting for Film, Television or Theatre program must pass the sophomore review to remain in good standing in the major.

Code	Title	Credits
Required Courses:		
Complete all of the following courses:		
THE 103	The Authentic Instrument I: Introduction to Performance Skills	3
THE 104	The Authentic Instrument II: Developing the Imaginative Performer	3
THE 105	Theatre History to 1700	3
or THE 106	Theater History Since 1700	
THE 107	Acting I: Intro to Acting	3
THE 110	Acting II: Scene Study	3
THE 111	Theatre Lab (6 semesters) [1]	0
THE 115	Stagecraft	3
THE 127	Theatre Production	1
THE 190	Production I (Must be completed two times)	2
THE 220	Movement for the Actor I	3
THE 221	Voice for the Actor 1	3
THE 222	Voice for the Actor 2	3
THE 229	Movement for the Actor II	3
THE 240	Script Analysis	3
or FTV 238	Screenplay Fundamentals	
THE 300	Acting for the Camera [2]	3
THE 310	Acting III	3
THE 311	Acting IV	3
THE 313	Voice for the Actor 3	3
THE 315	Acting for the Camera 2 [2]	3
THE 329	Movement for the Actor III	3
THE 400	Directing for the Stage I	3
THE 410	Advanced Performance Workshop	3
THE 450	NY Experience: Professional Audition Technique and the Business of Acting	3
FTV 135	Filmmaking I	3
FTV 243	The Actor and Filmmaker	3
FTV 343	Actor and Filmmaker Practicum (Must be completed two times. Must be taken as a corequisite with THE 300 and THE 315.)	2
Select either Option A. or Option B.:		**7**
Option A.		
FTV 399	The Co-Operative Experience	
Option B.		
Select 7 elective credits from the approved list of electives below:		
DAN 112	Ballet I: The Point of Departure	
DAN 113	Ballet II: Next Steps	
DAN 151	Pilates and Modern	
FTV 235	Filmmaking II	
FTV 236	The Aesthetics of Filmmaking	
FTV 238	Screenplay Fundamentals	
FTV 250	Television Studio Production I	
FTV 343	Actor and Filmmaker Practicum	
FTV 402	Directing for Film	
FTV 435	Filmmaking III	
MTR 105	Musical Theatre Practicum	
MTR 109	Ballet I	
MTR 112	Ballet II	
MTR 114	Ballet IV	
MTR 209	Tap Dance I	
MTR 210	Tap Dance II	
MTR 212	Ballet VI	
MTR 307	Tap III	
MTR 308	Tap IV	
MTR 309	Jazz I	
MTR 313	Ballet VII	
MTR 314	Ballet VIII	
MTR 315	Jazz II	
MTR 316	Jazz III	
MTR 318	Jazz IV	
MTR 319	Jazz V	
MTR 320	Jazz VI	
THE 118	Visual Imagination	
MUS 168D	Applied Voice	
THE 201	Devised Theatre	
THE 206	American Theatre History	
THE 207	Contemporary Theatre	
THE 224	Stage Make Up	
THE 240	Script Analysis	
THE 250	Introduction to Costume Construction	
THE 260	History of Style and Decor	
THE 312	The Arts Abroad	
Select one Film History course from the list below:		**3**
FMS 250	Global Film History: Origins to 1960	
FMS 251	Global Film History: 1961 to Present	
FMS 252	American Film History: Origins to 1960	
FMS 253	American Film History: 1961 to Present	
FMS 260	Great Performances in Film	
Total Credits		**81**

1

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

2

FTV 343 is a corequisite for THE 300 and THE 315 and must be completed at the same time.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
THE 111	Theatre Lab	0
THE 107	Acting I: Intro to Acting	3
THE 103	The Authentic Instrument I: Introduction to Performance Skills	3
THE 190	Production I	1
THE 115	Stagecraft	3
FTV 135	Filmmaking I	3
General Education Credits		3
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 110	Acting II: Scene Study	3
THE 104	The Authentic Instrument II: Developing the Imaginative Performer	3
THE 190	Production I	1
THE 300	Acting for the Camera	3
FTV 343	Actor and Filmmaker Practicum	1
General Education Credits		6
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
THE 111	Theatre Lab	0
THE 310	Acting III	3
THE 220	Movement for the Actor I	3
THE 221	Voice for the Actor 1	3
THE 240 or FTV 238	Script Analysis or Screenplay Fundamentals	3
General Education Credits		3
	Semester Credit Hours	**15**
Spring Semester		
THE 111	Theatre Lab	0
THE 229	Movement for the Actor II	3
THE 222	Voice for the Actor 2	3
THE 311	Acting IV	3
General Education Credits or Free Electives		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
THE 111	Theatre Lab	0
THE 315	Acting for the Camera 2	3
FTV 343	Actor and Filmmaker Practicum	1
THE 313	Voice for the Actor 3	3
THE 329	Movement for the Actor III	3
THE 105	Theatre History to 1700	3
THE 127	Theatre Production	1
FTV 243	The Actor and Filmmaker	3
	Semester Credit Hours	**17**
Spring Semester		
THE 111	Theatre Lab	0
THE 106	Theater History Since 1700 (Or Film History Course)	3
General Education Credits/Free Electives		10
	Semester Credit Hours	**13**
Year 4		
Fall Semester		
THE 450	NY Experience: Professional Audition Technique and the Business of Acting	3
THE 410	Advanced Performance Workshop	3
General Education Credits/Free Electives		9
	Semester Credit Hours	**15**
Spring Semester		
FTV 399	The Co-Operative Experience (OR Approved/ Restricted elective credits)	9
Free Electives		3
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

THE 103 The Authentic Instrument I: Introduction to Performance Skills 3 Credits
Through Alexander Technique and other methodologies, actors gain awareness of personal habits and begin to find their authentic, truth-telling voice and body—a dynamic and expressive instrument to serve them in any medium.

THE 104 The Authentic Instrument II: Developing the Imaginative Performer 3 Credits
Continuing from THE 103, actors explore psycho-physical techniques (e.g. Michael Chekhov, Viewpoints, Laban) to develop the actor's imagination. The class culminates in a public presentation using the tools that have been cultivated in Authentic Instrument I & II. **Prerequisite**(s): THE 103.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

THE 110 Acting II: Scene Study 3 Credits
Basic acting techniques. Emphasis on the ingredients of any action: what am I doing, where, why, who am I, what is my attitude toward partner? **Prerequisite**(s): THE 107.

THE 111 Theatre Lab 0 Credits
This class serves as a forum for students to cultivate practical professional skills. Through seminars, guest speakers and master classes, this lab will give the students necessary tools to enter the professional theater. Theater majors must meet the weekly attendance and participation requirements during every semester up to a total of six.

THE 115 Stagecraft 3 Credits
The theory and practice of construction and rigging of stage scenery is offered. Emphasis is on actual productions and road show set-ups. One lecture and two labs per week.

THE 127 Theatre Production 1 Credits
Students rehearse and perform roles in a play produced by the department and directed by a member of its faculty.

THE 220 Movement for the Actor I 3 Credits
This course is an introduction to movement training methodologies, and emphasizes physical awareness and expressivity as it relates to development of character.
Prerequisite(s): THE 110, For Acting majors or by permission of the instructor.

THE 221 Voice for the Actor 1 3 Credits
Focuses on the exploration of the basic principles of vocal production and cultivating the natural expressivity of the voice. Classwork is based upon the classic progression of voice exercises of Kristin Linklater.
Prerequisite(s): THE 107 with a minimum grade of C; restricted to BFA in Acting for Film, Television and Theatre.

THE 222 Voice for the Actor 2 3 Credits
Focuses on the exploration of the International Phonetic Alphabet (IPA) and the use of the IPA in learning dialects (including Standard Neutral American) for the stage.
Prerequisite(s): THE 221.

THE 229 Movement for the Actor II 3 Credits
This course is a continuation of study in movement training methodologies (Alexander Technique, Viewpoints, Laban). It will emphasize developing physical awareness and expressiveness as it relates to the development of character work. It will also continue the further cultivation of awareness of habitual psycho-physical patterns that inhibit students in their professional development.
Prerequisite(s): THE 220, THE 221.

THE 240 Script Analysis 3 Credits
This course provides students with a technique for analyzing a theatrical script in terms of its theatrical requirements and aesthetic qualities. Students will use critical research and develop the abilities to write and speak clearly about dramatic literature, the requirements of production, and the experience of performance.
Prerequisite(s): THE 107 with a minimum grade of C.

THE 300 Acting for the Camera 3 Credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera.
Prerequisite(s): THE 107.

THE 310 Acting III 3 Credits
Students will study in-depth techniques for exploring characterization. They will be introduced to the “magic if” and study techniques for placing themselves in the circumstances of the characters they are portraying. They will learn the interior and exterior analysis of characters using “Adler” and “Practical Aesthetics” techniques.
Prerequisite(s): THE 107, THE 110.

THE 311 Acting IV 3 Credits
Students will learn and practice performance techniques that explore a variety of theatrical styles, primarily focused on styles that have a heightened form and/or language.
Prerequisite(s): THE 310.

THE 313 Voice for the Actor 3 3 Credits
Actors continue their study of vocal progression with Kristen Linklater and the speech work of Patsy Rodenberg, Edith Skinner and Louis Colaianni to develop physical freedom, energy, and expressivity. Advanced diagnostic work of students' voice and speech habits are explored in relationship to work with contemporary, heightened, and stylized texts.
Prerequisite(s): THE 222.

THE 314 Advanced Voice and Speech for the Actor II 3 Credits
Continuing from THE 313, actors apply advanced principles of vocal production and speech work to contemporary, heightened and stylized texts.
Prerequisite(s): THE 313.

THE 315 Acting for the Camera 2 3 Credits
This course is a continuation of the study of acting for the camera.
Prerequisite(s): THE 300.

THE 329 Movement for the Actor III 3 Credits
This course is a continuation of study in movement training methodologies focusing on continued development of expressivity, ease, dynamics and authenticity in character development.
Prerequisite(s): THE 229.

THE 400 Directing for the Stage I 3 Credits
The technique of play directing and production management. Lectures present aesthetic and theoretical concepts that are explored in workshops.
Prerequisite(s): THE 107, THE 115.

THE 410 Advanced Performance Workshop 3 Credits
An opportunity to work an entire semester on a specific style or period of theatre, e.g., Shakespeare, farce, Readers’ Theater.
Prerequisite(s): THE 107, THE 110.

THE 450 NY Experience: Professional Audition Technique and the Business of Acting 3 Credits
Students engage weekly with New York professionals to learn the business of acting and strategies for successful auditions in the NY Film, Television and Theatre industry. Students will participate in mock auditions with casting directors and theatre and on camera directors to refine audition skills. Travel costs to New York are the responsibility of the student.

FTV 135 Filmmaking I 3 Credits
Filmmaking I introduces students to basic film and television production theories, techniques, and applications. Students will gain competency in a number of production areas including composition, lighting, filmic storytelling, sound, production planning and editing. As well as gaining practical production experience, students will also be introduced to basic art theory in relation to composition and visual storytelling.

FTV 238 Screenplay Fundamentals 3 Credits
Screenplay Fundamentals will instruct students in how to write for the screen. Students will learn how to convey story and character through the medium of film and television, how to write effective dialogue, and understand the basics of dramatic writing and scene structure.
Prerequisite: COM 131.

FTV 243 The Actor and Filmmaker 3 Credits
A practicum course that instructs the student on how actors and directors work together to build a performance. The course will provide on-hands experience in technical aspects of behind and in front of camera processes in capturing an actor's performance, exploring the demands and particularities of acting for the camera. This course will also serve as an introduction to basic acting theories and practices as they relate to how actors work to express a character onscreen. Elements of this course include monologue and scene rehearsal and performance (both multi-camera and single camera), audition techniques (for both actors and directors), and how film directors block and cover a scene. Students will gain experience both behind and in front of the camera,
Prerequisite(s): COM 131 or FTV 135 for Film/TV majors or THE 110 for Theater majors.

FTV 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; .
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

Actuarial Science

Program Overview

The Actuarial Science program is designed to provide students with the knowledge, skills and tools they will need to obtain employment as an actuary. The program incorporates a blend of business and liberal arts courses in mathematics to provide a deep understanding of critical thinking, analysis, and communication skills as well as project management and teamwork.

Employment projections predict a high demand for actuarial science positions over the next several years. Students interested in actuarial science will find this program contains all the components that contribute to a successful actuarial career and an excellent track record of placement upon graduation.

Student Learning Outcomes

Students graduating from the Actuarial Science program will be:

1. prepared to take the Society of Actuaries (SOA) exams required for employment in the actuarial science profession.
2. able to demonstrate the proficiency in the three Validation by Educational Experience (VEE) requirements by SOA.
3. able to write technical reports and make technical presentations containing statistical and actuarial results.
4. able to apply statistical methods using relevant software to solve real-world problems.
5. prepared to continue their study in finance, mathematics, statistics, and other related fields and take additional SOA exams to advance their career.

Degree Offered

- B.S. in Actuarial Science

Contact

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School of Science, Technology and Mathematics
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Actuarial Science B.S. Major Requirements

(60 credits)

Code	Title	Credits
Required Mathematics Courses		
MTH 210	Calculus I [1]	4
MTH 211	Calculus II [1]	4
MTH 212	Calculus III	4
MTH 240	Linear Algebra	3
MTH 250	Differential Equations	3
MTH 308	Advanced Calculus	3
MTH 340	Probability & Statistical Analysis I	3
MTH 341	Probability & Statistical Analysis II	3
Two Math Electives (at 300 level or above)		6
Required Accounting Courses		
ACC 210	Introduction to Accounting	3
ACC 220	Managerial Uses of Accounting	3
Required Finance Courses		
FIN 220	Introduction to Finance	3
FIN 309	Intermediate Corporate Finance	3
Required Economics Courses		

ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
Required Management Science Courses		
MSD 330	Predictive Modeling and Applications	3
MSD 350	Financial Mathematics	3
Required Computer Science Course		**3**
Select one of the following courses:		
CSC 105	Fundamentals of Computer Science	
CSC 110	Computer Science I	
Total Credits		**60**

Code	Title	Credits
Recommended Free Electives [2]		
FIN 307	Financial Markets & Institutions	
FIN 308	International Finance	
FIN 312	Investments	
FIN 340	Risk Management	
FIN 360	Fixed Income and Derivatives	
HTH 336	Economics of Health Care System	

1

Students must receive a grade of "B" or above in Calculus I (MTH 210) and Calculus II (MTH 211).

2

Recommended free electives are not required for completion of the major.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
MTH 210	Calculus I [1,3]	4
ECO 200	Principles of Macroeconomics	3
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
Foreign Language [1]		3
	Semester Credit Hours	**16**
Spring Semester		
MTH 211	Calculus II	4
ECO 201	Principles of Microeconomics	3
HIS 151	World History Since 1500	3
CMP 125	Seminar in Writing and Research	3
Foreign Language		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 240	Linear Algebra	3
ACC 210	Introduction to Accounting	3
CSC 105 or CSC 110	Fundamentals of Computer Science or Computer Science I	3
COM 104	Speech Communication	3
Social Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
MTH 212	Calculus III	4
FIN 220	Introduction to Finance	3
ACC 220	Managerial Uses of Accounting	3
Social Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MTH 308	Advanced Calculus [4]	3
MTH 340	Probability & Statistical Analysis I	3
FIN 309	Intermediate Corporate Finance	3
Philosophical Perspectives		3
Free Elective [2]		3
	Semester Credit Hours	**15**
Spring Semester		
MTH 341	Probability & Statistical Analysis II	3
Scientific Perspectives		3
Free Electives [2]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MTH Elective		3
MSD 320	Statistics for Risk Modeling I	3
MSD 350	Financial Mathematics	3
Aesthetic Perspectives: Literature		3
Free Electives [2]		3
	Semester Credit Hours	**15**
Spring Semester		
MTH 250	Differential Equations [4]	3
MSD 325	Statistics for Risk Modeling II	3
Aesthetic Perspectives: Fine Arts		3
Free Electives [2]		3
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

Mathematics General Education Curriculum requirements are included in the major.

4

MTH 308 and MTH 250 will be offered once every three semesters as of Fall 2023. MTH 308 - Advanced Calculus will be offered in the fall of odd years. MTH 250 - Differential Equations will be offered in the spring of even years.

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

FIN 307 Financial Markets & Institutions 3 Credits
This course provides an introduction to the organization and behavior of financial markets and institutions in the economy. The factors determining security prices and interest rates in the money and capital markets are analyzed. An overview of all major financial institutions is presented. In addition, market returns, the regulatory environment, and monetary policy are examined.
Prerequisite(s): FIN 220.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

FIN 309 Intermediate Corporate Finance 3 Credits
This course builds on and extends the concepts of financial management learned in FIN 220. The course examines long-term corporate financing and investment decisions and how those decisions interface with each other. Topics covered include: cost of capital, financial planning and analysis, capital budgeting, capital structure and dividend policy.
Prerequisite(s): FIN 220.

FIN 312 Investments 3 Credits
The fundamentals of investing in stocks, bonds, and other negotiable instruments are covered. Major topics include trading on securities markets, mutual funds, international investing, margin accounts, short sales, determinants of securities prices, and investment risks. Stock options, financial futures, convertible securities, and implications of taxes on investment decisions are also discussed.
Prerequisite(s): FIN 220.

FIN 340 Risk Management 3 Credits
This course examines the risk management process as applied to the firm as a whole. It integrates the management of all risks facing the firm: strategic, financial, hazard, and operational. Techniques for identifying risk, measuring and analyzing it, and selecting an appropriate treatment will be explored.
Prerequisite(s): FIN 220.

FIN 360 Fixed Income and Derivatives 3 Credits
This course centers on the quantitative portion of the Chartered Financial Analyst (CFA) level 1 curriculum, which includes materials on fixed-income risk and return, fundamentals of risk analysis, derivative instruments and risk management applications of option strategies. The goal is to help students prepare for the exam, as well as introduce them to a variety topocs in finance.
Prerequisite(s): FIN 312.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

MSD 320 Statistics for Risk Modeling I 3 Credits
This is the first course in a two course sequence to prepare actuarial science students for the Society of Actuaries' (SOA) new exam "Statistics for Risk Modeling." This course (SRM I), together with the second course of the sequence SRM II, cover all the topics in the SOA's proposed syllabus for the exam. The course covers two major topics: (i) Generalized Linear Models, and (ii) Regression-based time series models and forecasting.
Prerequisite(s): MSD 205 or MTH 341.

MSD 325 Statistics for Risk Modeling II 3 Credits
This is the second course in the two course sequence to prepare actuarial science students for the Society of Actuaries (SOA) new exam "Statistics for Risk Modeling." This course, together with MSD 320, will cover all the topics in the SOA's proposed syllabus for the exam. This course examines the use of statistical learning methods to adequately model and understand complex datasets in business and economics. The use of the statistics software R to analyze realistic data sets is an important component of the course. Topics include: (i) Basics of Statistical Learning; (ii) Principal Components Analysis; (iii) Decision Trees; and (iv) Cluster Analysis.
Prerequisite(s): MSD 205 or MTH 341 or equivalent course.

MSD 350 Financial Mathematics 3 Credits
A thorough treatment of the theory and applications of compound interest. Topics include the measurement of interest, elementary and general annuities, amortization schedules and sinking funds, and bonds and other securities.
Prerequisite(s): MSD 205 or equivalent. Fall.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

MTH 211 Calculus II 4 Credits
The definite integral, differentiation of transcendental functions, methods of integration and approximate integration, determination of area, volume, and surface area.
Prerequisite(s): MTH 210 with a grade of C or higher.

MTH 212 Calculus III 4 Credits
Infinite series; functions of two and three variables, vectors and tangent planes, partial derivatives, multiple integrals, determination of volume and density.
Prerequisite(s): MTH 211 with a grade of C or higher.

MTH 240 Linear Algebra 3 Credits
Systems of linear equations; vector spaces; linear independence; determinants; orthogonality; linear maps; eigenvectors.
Prerequisite(s): MTH 210 or as corequisite; sophomore standing; or permission of instructor.

MTH 340 Probability & Statistical Analysis I 3 Credits
Theory of sets and probability; discrete and continuous random variables and probability distributions. Emphasizes foundations and utilizes the techniques of the calculus.
Prerequisite(s): MTH 212 or MSD 111.

MTH 341 Probability & Statistical Analysis II 3 Credits
Continuation of MTH 340. Foundations of mathematical statistics: normal distributions, estimation, confidence intervals and hypothesis testing; topics chosen from student's t- test, chi-square tests, analysis of variance and regression analysis. Emphasizes foundations and utilizes the techniques of the calculus.
Prerequisite: MTH 340. Spring.

African American Studies

Overview

Housed in the Multicultural Studies program, the African American Studies minor addresses issues surrounding race, class, and gender, focusing on the specific history and obstacles associated with the unique experiences of African Americans in the United States. The coursework draws from many disciplines, including history, sociology, political science, literature, culture, and American studies, providing a broad range of ideas and information.

Learning Outcomes

Upon completing the minor in African and African American Studies, students will be able to:

1. Describe major social, cultural, and political events in the African and African American experience.
2. Explore and analyze the African and African American experience through the lens of different disciplines.
3. Compare and contrast the different experiences of African descent peoples within the United States and across the African diaspora.
4. Identify major figures in African and African American history and understand their impact on global and American society.

Minor Offered

- Minor in African American Studies

Contact:

Pearlie Mae Peters, Ph.D.
Professor and Director, Multicultural Studies Program
Department of English
School of Humanities and Social Sciences
Fine Arts, 337
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Related Programs:

- Gender and Sexuality Studies (p. 284)
- History (p. 323)
- Multicultural Studies (p. 403)
- Psychology (p. 461)
- Social Work (p. 516)
- Social Justice through Civic Engagement (p. 509)
- Sociology (p. 518)

Minor Requirements

(18 credits)

Code	Title	Credits
Core Courses (Required):		**9**
MCS 110	Race, Class and Gender in Contemporary American Society	
MCS 210	Power and Privilege in a Multicultural Society	
HIS 201	African American History	
Select three of the following:		**9**
AMS 212	Multicultural America	
AMS 227	Martin Luther King Jr's America	

AMS 307	Depictions of Racism in American Literature, Music, and Film
AMS 309	Hip Hop and American Culture
AMS 313	Black American Thought
ENG 228	Black American Lit
ENG 229	Multi-Ethnic Literature in America
ENG 366	Black and Multi-Ethnic Literature
POL 235	Race and Ethnicity in American Politics
POL 365	Politics of the Developing World
SOC 207	Racial and Ethnic Relations
SOC 345	Race and Crime
Total Credits	**18**

Courses and Descriptions

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 210 Power and Privilege in a Multicultural Society 3 Credits
This course will examine how the intersection of power and privilege shapes race, gender and class relationships in the United States. Analyses will show how the legal, economic, political and social manifestations of power influence the assignments and distribution of privilege in the United States, both in historical and contemporary contexts. The impositions of power on identity in the social assignment of privilege will be an important component of the course. The two "big questions" to be examined in this course are: How do issues of race, ethnicity, class, age, religion, gender, and sexual orientation interact with privilege? How do the tensions between power, privilege, oppression and inequality lead to movements for social justice? Various interlocking systems of privileges—justice system, educational system, medical system, political system, economic system, etc.–will be examined, using the theoretical frameworks of inequality, oppression and dependency. Prominent public policies and social movements that have challenged the notions of power and privilege, both historically and contemporarily, will be examined: civil rights, women's suffrage, affirmative action, Occupy Wall Street, LGBT rights, Metoo movement, Equal Rights Amendment, Title IX, Lilly Ledbetter Fair Pay Act, etc.

HIS 201 African American History 3 Credits
Examines the actions and thought of peoples of African ancestry in the United States. Briefly considers Africa before the Atlantic slave trade, then concentrates on major themes in African-American history–the slave trade, slavery, and the genesis of African American society, emancipation and its consequences, urbanization and industrialization, Black Nationalism, the Civil Rights Movement, and African Americans today. Emphasizes African Americans' dynamic and creative role both in shaping their society and establishing their place in United States society. The on-going struggle for freedom and equality provides thematic continuity for analyzing nearly 400 years of African-American history.

AMS 212 Multicultural America 3 Credits
Focusing primarily on the new century, this course explores the experiences of the remarkably diverse range of ethnic groups who have come to the U.S. in recent years, including Hispanics, Europeans, Asians and Africans. How these groups have impacted the communities where they have settled, how they have interacted with other ethnic groups, and how they have assimilated (or not) and prospered (or not) are among the issues examined and discussed.

AMS 227 Martin Luther King Jr's America 3 Credits
This course studies Martin Luther King Jr's writings, speeches, and sermons, the context of the America he saw in his lifetime, and the implications of his message for today's America and its place in the world. King envisioned a wholly democratic America free of racism, poverty, and military aggression. Students will critically assess the political, economic, and religious thought at the root of his call for change.

AMS 307 Depictions of Racism in American Literature, Music, and Film 3 Credits
Depictions of Racism in American Literature, Music, and Film will study representations of racism in the American arts in historical context. Students will examine artistic representations of practices that disadvantage and disfranchise non-white Americans, with an eye toward understanding the ways America's history of racist practices has prompted responses from American writers, musicians, and filmmakers.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

AMS 309 Hip Hop and American Culture 3 Credits
Explore hip-hop culture via the music, dance, art, and poetry created in some of the poorest and most segregated neighborhoods in America. Students will examine the social conditions that fostered the creation of hip-hop and delve into a range of issues confronted in hip-hop music and culture.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

AMS 313 Black American Thought 3 Credits
This course introduces students to the critical and constructive nature of Black social and political thought through a survey of Black American leaders, with a focus on ideology, society and politics. Through readings and discussions, students will assess the complexities of various Black leaders and their ideological positions, often comparing and contrasting the attitudes, values and beliefs of Black thought leaders. Through the study of Black American leaders, students will gain an appreciation for the impact of Black history on the past and present of American public life. As we focus our attention on Black leaders of the 19th and 20th century, we will be mindful of the complex ways in which these leaders have agreed and disagreed on themes such as, but not limited to: achievement of Black liberation, direct action versus armed protests, the role of historical memory in modern political life, the economic and political significance of Black culture, and the tensions between Black segregation versus integration, as well as the defining of such core political concepts as citizenship, freedom, equality, progress, power, and justice.

ENG 228 Black American Lit 3 Credits
A survey of writings by black Americans, presented historically from early slave narratives through emancipation, reconstruction, the Harlem Renaissance, and literature from the 1930s to the present. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 229 Multi-Ethnic Literature in America 3 Credits
Surveys the literature of various ethnic groups including African Americans, American Indians, Asian Americans, Hispanic Americans, Jewish Americans and European Americans. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 366 Black and Multi-Ethnic Literature 3 Credits
A Survey of the literary writings of selected writers of Black and Multi-Ethnic America. Writers may include Zora Neale Hurston, Dorothy West, Maxine Hong Kingston, Anzia Yezierska, Louise Erdrich, Don Lee and Amy Tan.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 365 Politics of the Developing World 3 Credits
Studies the major political issues of the so-called "developing" world. Particular reference to political systems of Africa, Asia, Latin America, and the Middle East according to the relevance of the examples to large conceptual issues, and according to the major interests of the instructor. Typical issues include neocolonial dependency, the role of the state in newly developed countries, military rule and democratization.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of “The War on Drugs”, three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

Allied Health Studies

Program Overview

Designed for working professionals in allied health fields, the Allied Health Studies degree for Continuing Education students allows them to gain the skills and credentials to advance in their field — while balancing both their career and family life.

The experience, skills and compassion an individual brings to his or her job transforms the lives of the patients in one's care every day. But rapid changes in today’s health care environment now present allied health professionals with new challenges — and exciting opportunities. The B.S. in Allied Health Studies program prepares students for these challenges while still training them to be compassionate caregivers and partners.

Curriculum Overview

The curriculum is designed to provide a seamless transition from an Associate degree or a diploma program, building on the students’ experiences in allied health professions. Separate clinicals are not required.

Admissions Requirement

- Official transcripts from all institutions attended with a minimum 2.5 cumulative GPA
- Copies of a current/unrestricted license (in any allied health field)

Degree Offered

- B.S. in Allied Health Studies

Contact

Drue Stapleton, Ph.D.
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Program Website: Allied Health (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/allied-health-studies/)

Related Programs:

- Biology (p. 83)
- Behavioral Neuroscience (p. 49)
- Nursing (p. 979)
- Psychology (p. 461)
- Premedical Studies (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/programs-opportunities/pre-med/)

Allied Health Studies Major Requirements

(30 Credits)

Code	Title	Credits
Core requirement		**3**
Select one of the following:		
HTH 205	Introduction to Health Care	
NUR 404	Healthcare Policy, Finance, and Regulatory Environments [1]	
Category I Courses:		**6**
BIO 206	The Pharmaceutical Industry [1]	
HTH 336/ECO 336	Economics of Health Care System	
Category II Courses (select seven of the following):		**21**
BIO 100	Life Science	
BIO 206	The Pharmaceutical Industry [1]	
BNS 107	Life Science: Brain and Behavior	
BNS 275/BNS 275L	Behavioral Neuroscience	
CHE 115	Chemistry & Society	
HTH 491	Health Management Internship	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	

PSY 365	Drugs and Human Behavior	
PSY 385	Death, Dying and Suicide	
Any Nursing (NUR) courses with permission of an advisor. [1]		
Total Credits		**30**

1

This course may only be used to fulfill the requirements of a single category.

Courses and Descriptions

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BNS 275 Behavioral Neuroscience 4 Credits
An introductory behavioral neuroscience course including basic neuroanatomy and neurophysiology of movement, ingestive, reproductive, emotional, and learning behaviors. Emphasis is on the structure/function relationships that allow animals to make appropriate physiological and behavioral responses to the environment. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 & BIO 116.
Corequisite(s): BNS 275L.

BNS 275L Behavioral Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 275.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

GLS 325 Global Perspectives on Health and Illness 3 Credits
Explores the different international perspectives on health and illness. Themes include how men, women, and children in respective civilizations are treated and viewed within their communities or nations, as they become ill. Particular attention is given to the contrast between various types of traditional healing and Western medical practices, and their interactions. Discussions will also compare the usefulness of national versus international health agencies in dealing with global health problems.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

NUR 404 Healthcare Policy, Finance, and Regulatory Environments 3 Credits
This course provides a foundation of U.S. healthcare policy, including financial and regulatory policies, as well as the nature and functioning of the U.S. healthcare delivery system. There is emphasis on policy processes at the organizational, local, state, national, and global levels. Learning activities and assignments focus on strategies for learning how to assess the role of the baccalaureate-prepared nurse in policy formation and reformation at all levels, demonstrating understanding of the political process at all levels, developing effective advocacy strategies for vulnerable populations, how to identify and influence key stakeholders in the policy process, the importance of effective communication of key healthcare issues, and how to influence change in the political process at all levels when there is social injustice.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 385 Death, Dying and Suicide 3 Credits
Everything that is alive eventually dies, thus death is a part of life. Understanding death can help us to understand and experience life more fully, and it can help us to make appropriate, compassionate responses to death and dying. Class members will examine difficult and controversial psychosocial issues related to dying and death, death perceptions from childhood through older adulthood, religious and death attitudes, the dying process, living with dying, dying in the American health care system, euthanasia and biomedical issues, pain management, suicide, cross-cultural perspectives on dying and death, the business of dying, the legal aspects of dying, and the bereavement process.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

SOC 247 Aging 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

SOC 347 Aging and the Elderly 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

Allied Health Studies Online

Program Overview

Designed for working professionals in allied health fields, the Allied Health Studies degree for Continuing Education students allows them to gain the skills and credentials to advance in their field — while balancing both their career and family life. This online degree program provides flexibility and convenience to students.

The experience, skills and compassion an individual brings to his or her job transforms the lives of the patients in one's care every day. But rapid changes in today's health care environment now present allied health professionals with new challenges — and exciting opportunities. The B.S. in Allied Health Studies program prepares students for these challenges while still training them to be compassionate caregivers and partners.

Curriculum Overview

The curriculum is designed to provide a seamless transition from an Associate degree or a diploma program, building on the students' experiences in allied health professions. Separate clinicals are not required.

Admissions Requirement

- Official transcripts from all institutions attended with a minimum 2.5 cumulative GPA
- Copies of a current/unrestricted license (in any allied health field)

Degree Offered

- B.S. in Allied Health Studies

Contact

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dstapleton@rider.edu

Program Website: Allied Health (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/continuing-education/allied-health-studies/)

Related Programs:

- Biology (p. 83)
- Behavioral Neuroscience (p. 49)
- Nursing (p. 979)
- Psychology (p. 461)
- Premedical Studies (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/programs-opportunities/pre-med/)

Allied Health Studies Online Program Requirements

(30 credits)

Code	Title	Credits
Core requirement		**3**
Select one of the following:		
HTH 205	Introduction to Health Care	
NUR 404	Healthcare Policy, Finance, and Regulatory Environments [1]	
Category I Courses:		**6**

BIO 206	The Pharmaceutical Industry [1]	
HTH 336/ECO 336	Economics of Health Care System	
Category II Courses (select seven of the following):		**21**
BIO 100	Life Science	
BIO 206	The Pharmaceutical Industry [1]	
BNS 107	Life Science: Brain and Behavior	
BNS 275/BNS 275L	Behavioral Neuroscience	
CHE 115	Chemistry & Society	
HTH 491	Health Management Internship	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 365	Drugs and Human Behavior	
PSY 385	Death, Dying and Suicide	
Any Nursing (NUR) courses with permission of an advisor. [1]		
Total Credits		**30**

1

This course may only be used to fulfill the requirements of a single category.

Courses and Descriptions

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BNS 275 Behavioral Neuroscience 4 Credits
An introductory behavioral neuroscience course including basic neuroanatomy and neurophysiology of movement, ingestive, reproductive, emotional, and learning behaviors. Emphasis is on the structure/function relationships that allow animals to make appropriate physiological and behavioral responses to the environment. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 & BIO 116.
Corequisite(s): BNS 275L.

BNS 275L Behavioral Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 275.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

GLS 325 Global Perspectives on Health and Illness 3 Credits
Explores the different international perspectives on health and illness. Themes include how men, women, and children in respective civilizations are treated and viewed within their communities or nations, as they become ill. Particular attention is given to the contrast between various types of traditional healing and Western medical practices, and their interactions. Discussions will also compare the usefulness of national versus international health agencies in dealing with global health problems.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

NUR 404 Healthcare Policy, Finance, and Regulatory Environments 3 Credits
This course provides a foundation of U.S. healthcare policy, including financial and regulatory policies, as well as the nature and functioning of the U.S. healthcare delivery system. There is emphasis on policy processes at the organizational, local, state, national, and global levels. Learning activities and assignments focus on strategies for learning how to assess the role of the baccalaureate-prepared nurse in policy formation and reformation at all levels, demonstrating understanding of the political process at all levels, developing effective advocacy strategies for vulnerable populations, how to identify and influence key stakeholders in the policy process, the importance of effective communication of key healthcare issues, and how to influence change in the political process at all levels when there is social injustice.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 385 Death, Dying and Suicide 3 Credits
Everything that is alive eventually dies, thus death is a part of life. Understanding death can help us to understand and experience life more fully, and it can help us to make appropriate, compassionate responses to death and dying. Class members will examine difficult and controversial psychosocial issues related to dying and death, death perceptions from childhood through older adulthood, religious and death attitudes, the dying process, living with dying, dying in the American health care system, euthanasia and biomedical issues, pain management, suicide, cross-cultural perspectives on dying and death, the business of dying, the legal aspects of dying, and the bereavement process.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

SOC 247 Aging 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

Applied Behavior Analysis Certificate

Overview

The Certificate in Applied Behavior Analysis (ABA) is designed to provide undergraduate students a depth of academic and practical experience relevant for employment in behavioral technician-and related- jobs immediately after finishing their Bachelor of Arts degree. Moreover, the Certificate in ABA will provide students with a solid foundation for Rider University's Masters in applied psychology program with concentration in Applied Behavior Analysis.

The 17-18 credit certificate includes introductory and advanced courses that focus on ABA (PSY 212, PSY 299), the Experimental Analysis of Behavior (PSY 388), Research Methods in ABA (PSY 339/PSY 339L), and Professional Issues in ABA (PSY 389), as well as engaged learning experience conducting research in ABA (PSY 490), or interning for a school, clinic or agency that uses ABA (PSY 491).

Degree Offered

- Applied Behavioral Analysis Certificate

Contact

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Associated Department: Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departmentss/psychology/)

Applied Behavior Analysis Certificate Requirements

(17-18 credits)

Code	Title	Credits
Required Courses:		
PSY 212	Introduction to Applied Behavior Analysis [1]	3
PSY 299	Field Placement in Applied Behavior Analysis [2]	1
PSY 339 & 339L	Research Methods in Applied Behavior Analysis and Research Methods in ABA Lab	4
PSY 388	Learning and the Experimental Analysis of Behavior	3
PSY 389	Professional Issues in ABA	3
PSY 490	Independent Study: Research and Creative Expression [3]	3-4
or PSY 491	Internship in Psychology	
Total Credits		**17**

1 PSY 212 is waived with RBT certification.

2 PSY 299 is waived if employed full- or part-time in an ABA setting.

3

PSY 490 Independent Study must have an ABA focus; PSY 491 Internship must have an ABA focus. EDU 465 may be used in place of PSY 490 or PSY 491 with an ABA focus.

Certificate Completion

To complete the ABA Certificate Program, students must meet the following requirements:

- A grade of "C+" or better in each course is required for the certificate;
- Completion of a capstone paper from PSY 490/ PSY 491/EDU 465 is required.

Courses and Descriptions

PSY 212 Introduction to Applied Behavior Analysis 3 Credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 299 Field Placement in Applied Behavior Analysis 1 Credits
The practicum provides hands-on experience using the tools of applied behavior analysis in a field setting. Provides supervised field placement experience in an approved institution or agency in order for students to gain knowledge in applications of applied behavior analysis. Placement is made in various community institutions and agencies that offer services to diverse populations.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131, and PSY 212.

PSY 339 Research Methods in Applied Behavior Analysis 4 Credits
This upper-level laboratory course will provide students with an in-depth study of the principles and applications of Applied Behavior Analysis. Students will examine behavioral principles, ethical considerations, and real-life applications of ABA. Each student will design and implement a self-management plan to alter the behavior of their choosing. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and PSY 212 and a minimum grade of "C" in PSY 201 .
Corequisite(s): PSY 339L.

PSY 339L Research Methods in ABA Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and Psy212 and a minimum grade of "C" PSY 201.
Corequisite(s): PSY 339.

PSY 388 Learning and the Experimental Analysis of Behavior 3 Credits
Students will review principles of behavior covered in PSY 212 Intro to ABA (or PSY 225 Learning Theory) and move into more complex concepts and principles of behavior analysis including respondent behavior, respondent conditioning, motivating operations, schedules of reinforcement, and verbal operants. Students will also learn elements of behavior change and specific behavior-change procedures including verbal behavior training, discrete trial training, interventions based on motivating operations and discriminative stimuli, and stimulus equivalence procedures.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 389 Professional Issues in ABA 3 Credits
This course will provide students interested in working in the field of applied behavior analysis at the bachelor's level content based on the task list of the Behavior Analyst Certification Board (BACB) The course covers ethical and professional considerations relevant to the profession of applied behavior analysis as well as ethical and disciplinary standards of the profession. In addition, the course covers behavioral assessment and intervention, competency-based training, and evaluating the effectiveness of behavioral programs. Students will also have the opportunity to read seminal and current research literature on the topics.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

PSY 491 Internship in Psychology 1-4 Credits
Provides supervised work experience in an approved institution or agency in order for students to gain knowledge in applications of psychology. Placement is made in various community institutions and agencies that offer services to both exceptional and normal individuals. Prerequisite(s): senior psychology majors or minors.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 75 credits.

Arts and Entertainment Industries Management

Program Overview

Arts and Entertainment Industries Management (AEIM) combines passion for arts and entertainment with the business know-how that keeps these industries strong. Opportunities abound for satisfying and rewarding management careers in: music business, film & television, Broadway & regional theatre, professional dance, symphonies, galleries, and many more. With more than four million jobs in the AEIM field - ranging from music, Broadway, or film producer to entertainment lawyer, fund developer, touring manager or marketing executive - the industry needs you. For aspiring performing artists, AEIM is a smart compliment to your performance degree, as U.S. Labor statistics demonstrate that only 1/17th of 1% will make above poverty wage as a performer, while there are over 4.8M jobs on the management side of the industry. What better way to bolster your arts aspirations than with AEIM! With its comprehensive, dynamic curriculum options, Rider affords you the know-how to succeed in this and many other career paths!

Curriculum Overview

The degree requirements within Arts and Entertainment Industries Management (BA) incorporate a core curriculum of 33 credits, a selected path with either a Commercial/For-Profit or Non-commercial/Institutional focus of 9 credits, and a Commercial or Traditional/Institutional Emphasis of 12 credits based upon the path and arts discipline that interests you. Each emphasis incorporates studio or applied skills courses with historical and practical coursework. In addition, majors select elective courses which expand professional skills development

beyond those specific to the Arts. Elective course selections range from public relations and communications to professional writing and other options housed beyond the School of Fine and Performing Arts. Rounding out the degree are the general university requirements and a number of “free electives” which commonly are applied to minors or second majors in one of the arts disciplines or related administrative fields of interest (ie: marketing (https://rider-curr.courseleaf.com/undergraduate/colleges-schools/business-administration/majors-minors-certificates/marketing/), business administration (https://rider-curr.courseleaf.com/undergraduate/colleges-schools/business-administration/majors-minors-certificates/business-administration/), etc.).

Degrees Offered

- B.A. in Arts and Entertainment Industries Management: Commercial/For Profit Path
- B.A. in Arts and Entertainment Industries Management: Non-commercial/Institutional Path

Contact

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Program Website: Arts and Entertainment Industries Management (https://www.rider.edu/academics/colleges-schools/westminster-college-of-the-arts/school-of-fine-performing-arts/undergraduate-programs/arts-administration/)

Associated Department: Performing Arts

Related Programs

- Popular Music Studies (p. 459)
- Theatre, including a BA in Musical Theatre option (p. 545)
- Dance and Dance Science (p. 144)
- Music and Music Education (p. 413)

Arts and Entertainment Industries Management Major Requirements

General Remarks

For all majors offered in the Theatre & Dance Department, students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

To satisfy the major, students must complete the following (54 credits):

- 33 credits from Required Core Courses (p. 40)
- 9 credits from courses in Path 1 or Path 2 (p. 40)
- 12 credits from courses in the Optional Emphasis which aligns with your selected Path (p. 41)

The remaining 66 credits will be earned through completing General Education Requirements (p. 1146) or elective courses. Elective course credits may be used to complete a minor or second major in one of the arts disciplines or related field of interest (i.e., marketing, event planning and production, business administration, etc.

Required Core Courses

(33 credits)

Code	Title	Credits
Complete the following courses:		
AAD 121	Arts Management Foundations	3
AAD 202	Commun/Marketing in Arts	3
AAD 203	Arts Fundraising	3
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum [1]	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 309	Arts Events & Festivals Mgt	3
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 350	Arts Venue and Patron Services Management	3
AAD 401	New York Arts Network	3
Total Credits		**33**

1

AAD 225 is a 1-credit course and must be taken three times (Sophomore year Fall, Spring, and Junior year Fall sequence recommended) to satisfy the program requirement.

Select either Path 1 or Path 2

(9 credits)

Code	Title	Credits
Path 1: Commercial / For Profit		**9**
Complete the following courses:		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	
AAD 312	Deal-Making in Arts & Entertainment	
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	
Path 2: Non-Commercial / Institutional		**6**
Complete the following courses:		
AAD 307	Touring and Production Management	
AAD 491	Arts Management Internship	
Complete two AEIM Elective course options from the following: [1]		6
AAD 295	Art & Business of Entertainment	
AAD 306	Music Business	
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	
AAD 312	Deal-Making in Arts & Entertainment	
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	
BUS 210	Intro to Law: Contracts	
CIS 340	Electronic Commerce	
COM 107	Writing for the Media	
COM 212	Digital Publication Design	
COM 261	Introduction to Web Design	

COM 280	Issues in Event Planning	
COM 290	Professional/Strategic Speech	
COM 341	Public Relations Writing and Strategy	
COM 363	Converging Digital Media	
ENG 322	Grant Proposals, Fundraising and Development	
LDP 200	Foundations of Leadership	
MGT 201	Fund Management & Org Behavior	
MGT 310	Intro to Human Resource Mgmt	
MGT 346	Negotiation	
MGT 363	Management Skills	
MKT 330	International Marketing	
MKT 340	Personal Selling	
MUS 312	The Arts Abroad	
Total Credits		**21**

[1]

Students will choose the courses for this requirement during course selection.

Select one option from either the Commercial Emphasis (p. 41) or the Traditional/Institutional Emphasis (p. 41) that aligns with your selected Path

(12 credits)

Commercial Emphasis Options (Path 1)

Code	Title	Credits
Option 1: Music Industry (record labels, publishers, agencies, etc.)		
AAD 306	Music Business	3
AAD 307	Touring and Production Management	3
AAD 318	Music Publishing	3
AAD 491	Arts Management Internship	3
Option 2: Commercial Theatre (Broadway, Las Vegas, parks, cruise lines)		
AAD 307	Touring and Production Management	3
AAD 491	Arts Management Internship	3
AAD 295	Art & Business of Entertainment	3
One History of Broadway/Commercial Theatre course [1]		3
Option 3: Film and Television Industries		
AAD 295	Art & Business of Entertainment	3
FTV 230	Foundations of Film, Television and Radio	3
FTV 330	Documenting Cultures Through Travel	3
AAD 491	Arts Management Internship	3
Option 4: Sport Entertainment		
AAD 295	Art & Business of Entertainment	3
SPT 250	Introduction to the Business of Sports	3
COM 347	Sports Communication	3
AAD 491	Arts Management Internship	3

Traditional / Institutional Emphasis Options (Path 2)

(12 credits)

Code	Title	Credits
Option 1: Institutional Music (symphonies, operas, etc.)		
Select 3 credits in Music History from the following:		
MUS 105	Survey of Music History I	3
MUS 106	Survey of Music History II	3
MUS 204	Jazz History	3
MUS 205	History of Pop and Rock Part I	3
MUS 206	History of Pop and Rock Part 2	3
MUS 217	Black Music in America	3
Select 6 credits in Music Making or Performing courses from the following:		
MUS 116	Digital DJing	3
MUS 127	Pop, Rock & Hip-Hop Ensemble	1
MUS 128	Choir	1
MUS 129	Contemporary Vocal Ensemble	1
MUS 131	Beginning Piano I	2
MUS 132	Beginning Piano II	2
MUS 201	Skills Ensemble I	1
MUS 213	Digital Composition of Popular Music	3
MUS 216	Course MUS 216 Not Found	3
MUS 219	Course MUS 219 Not Found	3
MUS 220	Songwriting	3
MUS 301	Skills Ensemble II	1
Complete 3 credits in an industry-specific administrative internship:		
AAD 491	Arts Management Internship [1]	
Option 2: Institutional Theatre (regional theatres, touring, etc.)		
Select 3 credits in Theatre History from the following:		
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
THE 206	American Theatre History	3
THE 260	History of Style and Decor	3
Select 6 credits in Theatre Making and/or Performing from the following:		
THE 107	Acting I: Intro to Acting	3
THE 115	Stagecraft	3
THE 118	Visual Imagination	3
THE 127	Theatre Production	1
THE 290	Production II	3
THE 390	Production III [2]	3
THE 317	Scenic Design [2]	3
THE 318	Stage Lighting Design [2]	3
THE 319	Costume Design [2]	3
THE 325	Sound Design [2]	3
Complete 3 credits in an industry-specific administrative internship:		
AAD 491	Arts Management Internship [1]	3
Option 3: Dance (ballet and contemporary dance companies, etc.)		
Complete the following courses (4 credits):		
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 151	Pilates and Modern	1
Select 2 credits in dance studio courses from the following:		
DAN 100A	Ballet I [3]	1
DAN 100G	Jazz I [3]	1
DAN 100J	Modern Dance I [3]	1
Select 3 credits in a related Theatre course from the following:		
THE 107	Acting I: Intro to Acting	3
THE 118	Visual Imagination	3

Complete 3 credits in an industry-specific administrative internship:		
AAD 491	Arts Management Internship [1]	3
Option 4: Visual Arts (galleries, museums, etc.)		
Complete the following course (3 credits):		
ART 227	Gallery Management	3
Select one 3 credit Art History course from the following:		
ART 104	Survey of Art History I	3
ART 106	Survey of Art History II	3
ART 207	Medieval and Renaissance Art	3
ART 209	Art of the Baroque	3
ART 214	American Art	3
ART 303	19th Century Art	3
ART 306	Art of the 20th Century	3
Select 3 credits in Creating Art or Graphic Design from the following:		
ART 103	Fundamentals of Drawing	3
ART 105	Design	3
ART 150	Digital Foundations	3
ART 204	Fundamentals of Painting	3
COM 212	Digital Publication Design	3
COM 262	Graphic Imaging for Digital Media	3
COM 265	3D Graphic Animation	3
COM 361	Photography	3
Complete 3 credits in an industry-specific administrative internship:		
AAD 491	Arts Management Internship [1]	3

1

Two internships are required; one completed in your Path and one in your Emphasis selection.

2

This course has a prerequisite that must be met first.

3

Determination of placement in this level or a higher level will be made by the instructor.

Arts and Entertainment Industries Management Minor Requirements

(15 credits)

Any Rider University student may choose to pursue the Arts Administration minor. Interested students should declare the minor by completing a form available in the Department Office.

Code	Title	Credits
Required Courses		**9**
AAD 121	Arts Management Foundations	
AAD 202	Commun/Marketing in Arts	
AAD 203	Arts Fundraising	
AAD Electives		**6**
Select two (totaling 6 credits) of the following:		
AAD 204	Arts Outreach & Education	
AAD 295	Art & Business of Entertainment	
AAD 306	Music Business	
AAD 307	Touring and Production Management	
AAD 308	Legal Aspects of Arts & Entertainment	
AAD 309	Arts Events & Festivals Mgt	
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	
AAD 320	Course AAD 320 Not Found	
AAD 350	Arts Venue and Patron Services Management	
Total Credits		**15**

Academic Plans of Study

The following educational plans are provided as a sample only. Rider students who do not declare a major during their freshman year; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Commercial Emphasis Options - Path 1

Commercial Theatre Emphasis (p. 43)
Film and Television Industries Emphasis (p. 43)
Music Business Emphasis (p. 42)
Sport Entertainment Emphasis (p. 44)

Traditional/Institutional Emphasis Options - Path 2

Dance Emphasis (p. 45)
Music Institutions/Non-Commercial Emphasis (p. 45)
Theatre Emphasis (p. 46)
Visual Art Emphasis (p. 46)

Music Business Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
General Education credits		3
Free Elective credits		9
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**16**
Spring Semester		
AAD 225	Arts Administration Practicum	1
AAD 306	Music Business	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**16**

Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 318	Music Publishing	3
AAD 350	Arts Venue and Patron Services Management	3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
Free elective credits		6
	Semester Credit Hours	**12**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 312	Deal-Making in Arts & Entertainment	3
AAD 401	New York Arts Network	3
AAD 491	Arts Management Internship	3
Free Elective credits		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Commercial Theatre Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
AAD 295	Art & Business of Entertainment	3
General Education credits		3
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**16**
Spring Semester		
AAD 225	Arts Administration Practicum	1
General Education credits		9
Free Elective credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
A History of Broadway/Commercial Theatre Course TBD		3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
Free Elective credits		6
	Semester Credit Hours	**12**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 312	Deal-Making in Arts & Entertainment	3
AAD 401	New York Arts Network	3
AAD 491	Arts Management Internship	3
Free Elective credits		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Film and Television Industries Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
FTV 333	Media Program Development and Distribution	3

General Education credits		3
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 295	Art & Business of Entertainment	3
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	3
COM 330	Documenting Cultures Through Travel	3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
Free Elective credits		6
	Semester Credit Hours	**12**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 312	Deal-Making in Arts & Entertainment	3
AAD 401	New York Arts Network	3
AAD 491	Arts Management Internship	3
Free Elective credits		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Sport Entertainment Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		6
	Semester Credit Hours	**18**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
SPT 250	Introduction to the Business of Sports	3
General Education credits		3
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
Business of Sports Entertainment Course TBD		3
General Education credits		9
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
General Education credits		6
	Semester Credit Hours	**13**
Spring Semester		
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	3
COM 347	Sports Communication	3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
SPT Elective credits		3
Free Elective credits		3
	Semester Credit Hours	**12**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3

AAD 312	Deal-Making in Arts & Entertainment	3
AAD 401	New York Arts Network	3
AAD 491	Arts Management Internship	3
Free Elective credits		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Dance Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
Dance Studio Course TBD		1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
Dance Studio Course TBD		1
General Education credits		9
	Semester Credit Hours	**14**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
Dance History course		3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD Elective credits		3
THE Elective credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Dance Studio Course TBD		1
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 491	Arts Management Internship	3
AAD Elective credits		3
Free Elective credits		3
	Semester Credit Hours	**13**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 401	New York Arts Network	3
Free Elective credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Institutional Music Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		6
Free Elective credits		3
Studio Music elective Credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**13**
Spring Semester		
AAD 225	Arts Administration Practicum	1
AAD 204	Arts Outreach & Education	3
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**16**

Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD Elective credits		3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 491	Arts Management Internship	3
AAD Elective credits		3
Studio Music Elective credits		3
Music History Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 401	New York Arts Network	3
Free Elective Credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Theatre Institutional Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective Credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
General Education credits		6
Free Elective Credits		3
	Semester Credit Hours	**12**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective Credits		3
	Semester Credit Hours	**13**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective Credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
Theatre Studio Elective credits		3
General Education credits		6
Free Elective Credits		3
	Semester Credit Hours	**19**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD Elective credits		3
Theatre Technical Elective credits		3
Free Elective Credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 491	Arts Management Internship	3
AAD Elective credits		3
Theatre History Elective credits		3
Free Elective Credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 401	New York Arts Network	3
Free Elective Credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Visual Art Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**13**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1

General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
Studio Art Elective credits		3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
ART 227	Gallery Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD Elective credits		3
Studio Art Elective credits		3
Free Electives		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Art History Elective credits		3
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 491	Arts Management Internship	3
AAD Elective credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 401	New York Arts Network	3
AAD 312	Deal-Making in Arts & Entertainment	3
Free Elective credits		6
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

AAD 121 Arts Management Foundations 3 Credits
A survey course that investigates foundations of institutional vision & mission-building, strategic planning, governance, operations, marketing and fund development for institutions which create, produce and present arts & entertainment. Students conceptualize an arts and/or entertainment business and develop summary business plan and pitch. Though the nonprofit lens is prominent for purposes of understanding the role of fundraising, commonalities in governance, management, branding marketing, community engagement and other aspects relative to both nonprofit and for-profit arts sectors are explored.

AAD 202 Commun/Marketing in Arts 3 Credits
Intended for arts or business majors interested in arts management, this course immerses students in the fundamentals of promoting the arts, from grassroots public relations to basic marketing concepts and applications. Students will have opportunities to interact with professionals in the field and explore career options.
Prerequisite(s): AAD 121 and CMP 125, or permission of instructor.

AAD 203 Arts Fundraising 3 Credits
Provides students with an understanding of the ethics, strategies and practices of fundraising for non-profit arts agencies. Students gain an understanding of the role of the development office in a non-profit arts agency, prepare for careers in arts management by increasing the skills necessary to function, and learn to plan a multi-faceted fundraising campaign effectively.
Prerequisite(s): CMP 120 or CMP 125.

AAD 204 Arts Outreach & Education 3 Credits
This course examines essential educational components of arts institutions, how they evolve and are produced, and will assess the importance of educational programming to arts organizations and the communities they serve.
Prerequisite(s): AAD 121.

AAD 225 Arts Administration Practicum 1 Credits
Under faculty advisement and project site supervision, students complete a total of three, 1-credit (33-hour) "mini-internships" or practicum projects in service to the field, sequentially in the Sophomore Fall, Sophomore Spring, and Junior Fall semesters, simultaneous to Arts Administration Lab. The first practicum project is in connection with Box Office and Patron Service to Rider Performing Arts. The second is in connection with a project of the student's choosing in service to the arts on campus or beyond. The third is in connection with a project of the student's choosing in service to the field in an outside, professional setting.
Prerequisite(s): AAD 121.

AAD 295 Art & Business of Entertainment 3 Credits
Students explore traditional and emerging models in entertainment and the impacts which social media, online service and other emerging platforms continue to have on the evolution of the industry. Students will identify and define pivotal functions and functionaries across all sectors who apply innovation, effective leadership and essential skills to produce and distribute various forms of entertainment to the masses. Through the application of a "wheel of fortune" research & analysis approach to each commercial entertainment sector, students will come to understand the multiple aspects of each (film, television, media, commercial theatre and entertainment in sports), the people who drive them and the critical functions which they serve.
Prerequisite(s): AAD 121, AAD 202 and AAD 203.

AAD 306 Music Business 3 Credits
Survey of the music business. Responsibilities of the label and producer, copyrights, royalties, residuals, publishing, contracts and artist development, promotion, distribution, product management, domestic and international licensing, and related technology.
Prerequisite(s): AAD 121.

AAD 307 Touring and Production Management 3 Credits
Organizing, marketing and managing tours. Responsibilities of the booking agent, tour manager, and performers. Case studies, relationships, contracts with venues, transportation companies, housing, and unions, budgeting, press kits, and insurance.
Prerequisite(s): AAD 121 or permission of instructor.

AAD 308 Legal Aspects of Arts & Entertainment 3 Credits
A survey of legal issues in the arts and entertainment industries, examining the relationship between arts and the law – from cultural property rights to intellectual property, copyright and beyond.
Prerequisite(s): AAD 121.

AAD 309 Arts Events & Festivals Mgt 3 Credits
Students learn to develop, produce, and staff successful arts events while refining planning skills through practice with theoretical and real arts event venues and participating in the production and management of actual events.
Prerequisite(s): AAD 121.

AAD 310 Acquiring & Managing Talent in Arts & Entertainment Industries 3 Credits
This course teaches foundations of professional talent management and explores the many ways by which the role of today's artist manager has evolved and expanded, particularly in an era of "independent" artists seeking managers who can act as CEO's. The course explores the many facets which an artist manager oversees, from launching an artist's career to building a successful and enduring business and fan base. Topics of exploration include talent acquisition, the artist/manager partnership, contracts, strategic planning, branding and more relating to managing all key aspects of an artist's career. Students will gain deep understanding of the dynamic roles which managers and agents play in the entertainment business as the "backbone of our industry" and of the pathways to career success as artist managers & representatives. Aspiring artists will find guidance in self-management and choosing the right partners. Other aspiring entertainment professionals will learn how to effectively engage with artist managers & agents as essential components in the broader ecology of professional arts & entertainment.

AAD 312 Deal-Making in Arts & Entertainment 3 Credits
This course explores all practical aspects of deal-making in commercial entertainment and the art of negotiation as the catalyst for success. Through forensic analysis & discussion of multiple types and structures of short and long-form agreements and the wide variety of provisions to be found therein, students will gain knowledge of key legal, historical, discipline-specific and industry-wide contexts of deal-making. Readings and lectures will focus on the nuts and bolts of negotiation – from essential research processes to finding and exercising bargaining power to knowing when to compromise and when to withdraw. Skills gained will be exercised through role-play, writing and ongoing analysis of peer and professional contracts. Students will gain and exercise deep understanding of agreements across multiple disciplines and the common elements therein including agency, personal management, personal appearance, merchandising, endorsements, creative ownership and union influence will be explored, as well as the unique characteristics which apply to distinct disciplines. For Arts & Entertainment Industries Management majors or minors only except by permission of Dean.

AAD 314 Arts/Entertainment Licensing, Distribution & Commerce 3 Credits
Licensing, distribution and commerce associated with creative output powers nearly every aspect of the arts and entertainment industries as significant brand builders and revenue-generators for intellectual property owners and producers. This course delivers foundational knowledge of the many ways by which music, theater, dance film and other media are licensed for commercial use or otherwise distributed directly to vendors and consumers. Discussion encompasses the various types and purposes of license, key points of negotiation, parties, agreements and business constructs involved in licensing and distribution deals across multiple entertainment sectors, including key elements relating to effective commerce and merchandising of same. Through readings, lectures and case-based analysis students will study the means of directly and indirectly getting works and ancillary content out into the marketplace, as well as the risks and rewards that may result. Through comparative analysis of traditional and contemporary professional agreements, students will come to understand how licensing and distribution contracts, modalities, administration and payments have evolved, and what the future holds for this vital engine of the arts & entertainment industries.

AAD 315 Arts & Entertainment Industries Professional Development 3 Credits
Arts & Entertainment Industries (AEIM) Professional Development is designed to prepare AEIM majors for successful internship and career placement, growth and development. Through this course, AEIM majors will engage in best possible selves vision mission goals and objectives-setting, transferrable skills identification and articulation, resume development, informational and formal interview skills practice and application as well as refine and package their individual portfolios comprised of final projects/portfolios from several prior courses. These and other assets, including personal web-page and social media profile work and editorial bio, will be developed in the creation of a comprehensive professional "toolkit" of assets to aid in their pre-professional and professional career pursuits. Over the course of a semester, students will work on professional communication skills including public speaking, writing, and corresponding etiquette, and interviewing techniques for both in-person and virtual meetings. Students will explore their own strengths and weaknesses through industry-leading personality and professional skills and traits analyses and how to apply them to maximal effect. Industry guests from all arts disciplines will afford "real-world" perspectives and build networking capacity. Restricted to AEIM Majors, Junior standing or above.

AAD 316 Data Analytics in Commercial Entertainment 3 Credits
Data analytics is a driving force of today's entertainment industry as companies face new business models for creating, marketing and distributing creative output to consumers who access content anywhere, at any time and on any device. It is transforming businesses, social interactions and how entertainment is marketed and consumed. With the explosion of social media, entertainment streaming platforms and online distribution, the amount of data available has reached unprecedented levels. Hiring skilled people who know how to collect and interpret big data is crucial. This course explores the many ways by which data is used to develop detailed understanding of consumer preferences and behaviors, inform production, advertising and distribution strategies, forecast performance and help increase efficiency. Students will learn how to retrieve, analyze and apply data for successful outcomes in today's entertainment industry, helping companies seize upon ever-expanding opportunities to utilize data to identify and understand new audiences, increase content exposure and identify new products and services.
Prerequisite(s): Arts & Entertainment Industries Management majors or minors only except by permission of Dean. AAD 121, AAD 202.

AAD 318 Music Publishing 3 Credits
This course teaches foundational concepts, context, tools, and function of music publishing as an essential force in today's ever-evolving music industry. Students examine the many roles which the music publisher plays in the acquisition, market development and administration of copyrighted musical works. Through case-based analysis of the inner workings of major, independent and self-owned music publishing companies, students will gain understanding of the depth, breadth and scope of this fascinating aspect of the business. Discussion will encompass the fundamentals of copyright, types of publishing deals, income streams, registrations and collection, foreign sub-publishing deals, and the rights and royalties applicable to copyrighted musical work. Students will also learn how music is licensed for use in film, television, advertising, theatrical performance, game and other forms of interactive media, as well as an overview of the administrative aspects of these uses and the ways by which legislative action impacts opportunities and earnings of copyright holders. Lastly, students will explore the creative and administrative responsibilities involved in establishing their own music publishing company.

AAD 322 Policy Perspectives on Arts & Entertainment 3 Credits
This course delivers foundational knowledge of the historical evolution, current state, and anticipated future of legislative actions, general policies and protocols impacting the many diverse components of arts and entertainment. Students will gain understanding of the several stakeholders, advocates and allies involved in the process of shaping policy and effectuating legislation, from lobbyists and industry leaders to politicians and the constituents whom they represent. Discussion will also encompass the expanding role and reach of the internet and streaming services which have often driven, and too often outpaced legislative agendas, putting the rights and benefits of intellectual property owners at risk through inequitable compensation practices, usurping of rights and expanding of global piracy. Case-based analysis will afford insight into current and anticipated lobbying agendas, legislative action (or inaction) on Capitol Hill, resolutions in process and recent legislation in action. Students will create an advocacy campaign around a pertinent issue facing arts & entertainment today, and strategize an effective lobbying process in order to gain direct insight and inspiration to become lifelong agents for change.
Prerequisite(s): Arts & Entertainment Industries Management majors or minors only except by permission of Dean. AAD 121, AAD 308.

AAD 350 Arts Venue and Patron Services Management 3 Credits
Integrating workplace with organizational mission: administration, staff, general public, artists. Internal control, artist/employee contracts, collective bargaining, health and safety issues, facilities operation, inventory, cultivation and maintenance of clientele and audience.
Prerequisite(s): AAD 121.

AAD 351 Crossing Cultural Borders 3 Credits
Course includes two weeks at an international arts organization, meeting and shadowing administrative staff, studying management styles, finance, and operational procedures, and attending all possible events during the visit. Travel fee required. May be repeated.
Prerequisite(s): Junior standing.

AAD 375 Special Topics: Arts Admin 3 Credits
Intensive study or activity in a specific area of Arts Administration. The content will vary with social/cultural events and/or interests and qualifications of the professor. May be repeated for credit. Fee may be required.
Prerequisite(s): AAD 121 or CBA 110 or permission of instructor.

AAD 401 New York Arts Network 3 Credits
Students learns how arts institutions of varying scope, size and function and how administrators keep them running by spending focused, intensive time with them on their own turf.
Prerequisite(s): AAD 121, AAD 202 and AAD 203.

AAD 490 Independent Research and Study 1-4 Credits
This self-motivated, self-directed course culminates in a complete project. The student and the faculty advisor will mutually develop the scope of each project. It will be designed to demonstrate the student's entrepreneurial skills and provide an opportunity for practical application of the curriculum.
Prerequisite(s): AAD 202, AAD 203, and either AAD 121 or CBA 110.

AAD 491 Arts Management Internship 3-12 Credits
Arts Administration majors are required to spend 13 weeks of on-site participation in a broad range of daily operations at an internship site. In addition, there are group meetings with all students participating in internships and site-analysis assignments given under the direction of Arts and Sciences faculty. Students may enroll for a maximum of 6 credits of internships.
Prerequisite(s): Junior standing.

Behavioral Neuroscience

Program Overview

The Behavioral Neuroscience major educates the next generation of scientists with a foundation in biological sciences and behavioral neuroscience. Students in the behavioral neuroscience major are prepared to join the workforce or attend professional or graduate school. Rider achieves this through small class and laboratory sizes allowing direct, hands-on instruction, and faculty accessibility. Students also have opportunities to do research with faculty via work study or independent study. Each student is assigned a faculty advisor who provides academic advice and career guidance tailored to the student's needs. Areas of professional and graduate study include medical, dental, and veterinary school; allied health programs in optometry, podiatry, physical therapy, occupational therapy, nursing; as well as programs leading to M.S. or Ph.D. degrees in the life sciences; and programs in science education.

Many graduates of the Behavioral Neuroscience program have pursued graduate studies at prestigious institutions including Johns Hopkins

University, University of Pennsylvania, Dartmouth College and Cornell University. Others have entered medical school, or have gone on to become educators, surgical assistants, marine biologists, mental health technicians, nurses, behavioral therapists, occupational therapists or physical therapists.

Curriculum Overview

The curriculum for majors has been shaped to prepare students for a life of learning in the sciences. Students are expected to gain knowledge, and develop technical and analytical skills and competency in writing and speaking. Classes include coursework focused on the principles of evolution and diversity, neuroscience, and psychology, among other courses. Rider's faculty are research-oriented, and encourage students to take advantage of the opportunity to engage in internships and research by doing work study, an independent research project and/or a senior thesis. Students also have the opportunity to take part in a three-week internship course through the Capital Health System Hospitals, summer research and other off-campus internships.

Student Learning Outcomes

Graduates of the Behavioral Neuroscience major will be able to:

1. Explain foundational concepts in biological sciences.
2. Apply scientific methods of inquiry through testing of newly formed hypotheses with observation and experimentation.
3. Apply concepts from other disciplines in the analysis and interpretation of biological information.
4. Demonstrate the ability to locate, critically analyze, and communicate relevant scientific information.
5. Explain the ethical practice of scientific research and its societal applications.

Honors Programs

Honors in Behavioral Neuroscience

The objective of the honors program in Behavioral Neuroscience is to introduce talented undergraduate majors to the methods of basic research in behavioral neuroscience. Qualified biology or behavioral neuroscience majors may participate in the Departmental Honors program. For consideration, a student must have at least a 3.25 overall grade point average at the end of their junior year. In the senior year, a student seeking Honors must write and orally defend a written honors thesis based upon their independent research. A candidate who has a 3.25 cumulative average, a 3.5 average in their science courses, and who has completed an acceptable Honors Thesis, will be awarded Honors in Behavioral Neuroscience upon graduation.

Beta Beta Beta Biological Honor Society

"Tri-Beta" is a national honor society affiliated with the American Association for Advancement of Science and the American Institute of Biological Sciences. Invitations for membership are extended to majors in the life sciences who have demonstrated superior academic achievement. Students are usually invited to join in their sophomore year when they have accumulated 12 credits in the sciences. Active membership is available to those with an overall grade point average of at least 2.8, and at least 3.0 in their science courses. The benefits of membership include academic recognition; a subscription to the journal *Bios*, to which members may submit research articles; opportunities to present papers at conventions; and research awards. Behavioral neuroscience majors should make membership in Tri-Beta one of their goals.

Pre-medical and Pre-allied Health Advising Programs

The pre-medical studies and pre-allied health advising programs assist students with academic and extra-curricular planning required to become competitive applicants for programs in the health professions.

Rider and Thomas Jefferson University have a long-standing articulation agreement for students who wish to pursue training in the allied health professions. This agreement does not guarantee admission of Rider students into Jefferson's programs; it does mean that Rider faculty members are familiar with Jefferson's academic requirements and that Rider's courses are eligible for transfer to Jefferson.

Rider University offers students with baccalaureate degrees the opportunity to take the undergraduate science course prerequisites for medical, dental, veterinary or graduate school. For more information, visit the Premedical Studies (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/programs-opportunities/pre-med/) page.

Degrees Offered

- B.S. in Behavioral Neuroscience

Contact

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Professor and Chairperson

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School of Science, Technology and Mathematics

Hennessy Science and Technology Center, 339D

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Program Website: Behavioral Neuroscience (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/behavioral-neuroscience/)

Associated Department: Department of Biology and Behavioral Neuroscience (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/biology-behavioral-neuroscience-health/)

Related Programs

- Biology (p. 83)
- Biochemistry (p. 79)
- Chemistry (p. 104)
- Geology (p. 290)
- Environmental Sciences (p. 246)
- Health Sciences (p. 319)
- Marine Sciences (p. 380)
- Mathematics (p. 399)
- Physics (p. 445)

- Psychology (p. 461)
- M.A. in Applied Psychology (p. 1460)

Major Requirements

(51-54 credits)

Departmental Course Repeat Policy (p. 52)

Code	Title	Credits
Required Courses:		
Biology		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab [1]	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab [1]	4
Behavioral Neuroscience		
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab [1]	4
Select two of the following:		8
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Select one of the following		
PSY 100	Introduction to Psychology	3
or BNS 107	Life Science: Brain and Behavior	
Mathematics		
MTH 105	Algebra and Trigonometry [2]	4
or MTH 106	Precalculus	
Select one of the following:		3-4
BNS 250 & 250L	Biostatistics and Biostatistics Lab [2]	
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab [2]	
PSY 201	Statistics and Research Design (requires PSY 105 prerequisite) [2]	
Chemistry		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Biology/Psychology Electives		
Select two (2) of the following:		6-8
Upper-level Biology Course		
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Animal Physiology and Animal Physiology Lab	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 350 & 350L	General Ecology and General Ecology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
Any PSY 200-level or higher course		
Additional Electives		
Select one (1) of the following:		4
Any additional BNS 300-level course with a lab		
Any PSY 300-level course with a lab		
Any BCH 200 or higher course with a lab		
Senior Capstone Seminar		
BNS 415	Seminar in Behavioral Neuroscience	3
Total Credits		**51-54**

1 Students must earn a grade of "C" or better in this course to meet the major requirements and before enrolling in upper-level courses for which these courses are prerequisites.

2 Students must place into MTH 105 Algebra & Trigonometry or higher level mathematics in order to register for BIO 115, BIO 116 and BNS 275.

Department of Biology, Behavioral Neuroscience, and Health Sciences Course Repeat Policy

The following guidelines apply to courses offered by the Department of Biology, Behavioral Neuroscience, and Health Sciences. Students may repeat any biology (BIO), behavioral neuroscience (BNS), health sciences (HSC) or exercise science (EXS) course once without special permission unless they received an unsatisfactory grade (C-, D, F). With an unsatisfactory grade, students need permission from the dean's office to repeat a class. They can not register on their own on myRider. Students should email casdean@rider.edu **and the department chair to request permission to repeat a course. A course will be considered repeated if the student has previously earned a letter grade in the course, or if the student has previously withdrawn from the course after the Friday of the seventh week of classes (previously Withdrawal II or Withdrawal III). To take a biology, behavioral neuroscience, health science, or exercise science course for a third time, written permission must be obtained from the dean's office and the department chair before the registrar will allow the student to enroll in that course.**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 105	Algebra and Trigonometry [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
Social Perspectives		3
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab	4
BNS 250 & 250L	Biostatistics and Biostatistics Lab	4
PSY 100	Introduction to Psychology	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**14**
Spring Semester		
BNS 310 & 310L	Neurobiology and Neurobiology Lab	4
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab [3]	4
HIS 151	World History Since 1500	3
Foreign Language		3
Elective course [2]		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
Upper-level Neuroscience (select one)		4
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Social Perspectives		3
Foreign Language		3
Philosophical Perspective		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**16**
Spring Semester		
Biology/Psychology Elective (select one)		3-4
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	

BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Animal Physiology and Animal Physiology Lab	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 350 & 350L	General Ecology and General Ecology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
Any 200-level PSY course		
Aesthetic Perspectives: Literature		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15-16**
Year 4		
Fall Semester		
Upper-level Neuroscience		4
BNS 360 Neurochemistry or BNS 375 Neuroethology		
Four Elective Courses [2]		12
	Semester Credit Hours	**16**
Spring Semester		
Biology/Psychology Elective		3-4
BNS 415	Seminar in Behavioral Neuroscience	3
Three Elective Courses [2]		9
	Semester Credit Hours	**15-16**
	Total Credit Hours for Graduation	**122-124**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Elective credits may be used to complete requirements in a second major or minor.

3

Natural and Physical Sciences and Mathematics core requirements are included in the major.

Courses and Descriptions

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BNS 250 Biostatistics 4 Credits
This course will assist students with acquiring the skills necessary to design, conduct, and interpret research studies. Emphasis will be on learning how to develop experimental designs to translate theoretical concepts into testable hypotheses. Experiments conducted during laboratory sessions will use laboratory mice and will use equipment for measuring animal behavior. Students will gain experience collecting, analyzing, writing and orally presenting their research results. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 105 or higher or placement into MTH 210, grade of "C" or better in one lab science course.
Corequisite(s): BNS 250L.

BNS 250L Biostatistics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequiste(s): BNS 250.

BNS 275 Behavioral Neuroscience 4 Credits
An introductory behavioral neuroscience course including basic neuroanatomy and neurophysiology of movement, ingestive, reproductive, emotional, and learning behaviors. Emphasis is on the structure/function relationships that allow animals to make appropriate physiological and behavioral responses to the environment. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 & BIO 116.
Corequisite(s): BNS 275L.

BNS 275L Behavioral Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 275.

BNS 310 Neurobiology 4 Credits
A lecture-laboratory course investigating the structure and function of the nervous system. Lecture topics include organization of the nervous system, neuroanatomy, neurophysiology, neurochemistry, physiology of sensory systems, biological aspects of nervous system diseases, and behavior. Laboratory exercises include study of anatomy of the nervous system, nerve cell recording, modern neuroanatomical techniques, and the neural basis of animal behavior. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course. Corequiste(s): BNS 310L.

BNS 310L Neurobiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course. Corequiste(s): BNS 310.

BNS 360 Neurochemistry 4 Credits
Examines the fundamentals of neurochemistry, including the neuroanatomical distribution, pharmacology, and functions of neurotransmitters; signal transduction pathways; behavioral and physiological effects of chemicals either used therapeutically to treat biopsychological disorders or that may be abused for their psychotropic effects; and mechanisms and models for the study of drug action. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116, CHE 122, CHE 123 with a grade of C or better in each course.
Corequisite(s): BNS 360L.

BNS 360L Neurochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequiste(s): BNS 360.

BNS 375 Neuroethology: Circuits of Behavior 4 Credits
Neuroethology is the study of the neural and physiological basis of animal behavior. This course focuses on the specific behavioral problems faced by animals in their natural habitats, and the ways in which their nervous systems solve these problems. The mechanisms that underlie complex behaviors such as spatial orientation and navigation, escape mechanisms, and animal communication will be examined, as well as the extraordinary sensory adaptation of organisms to their environments (e.g., echolocation, electroreception, and magnetic reception). The neural control of motor programs and temporally-patterned behaviors will be studied in simpler neuronal systems. Finally, recent cellular and molecular approaches to the study of behavior will be addressed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course.
Corequisite(s): BNS 375L.

BNS 375L Neuroethology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 375.

BNS 415 Seminar in Behavioral Neuroscience 3 Credits
Critical analysis of the scientific literature pertaining to current topics in behavioral neuroscience. Topics include mechanisms through which the brain influences physiology and behavior and the integration of nervous and endocrine systems. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 or BNS 118, BIO 117, junior standing and permission of instructor.

BNS 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BNS 491 Internship in Behavioral Neuroscience 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Secondary Education

Program Overview

Since 1913, Rider University's College of Education and Human Services has made a difference in the lives of future teachers with its commitment to excellence. The College of Education and Human Services (CEHS) keeps its programs relevant to the changing needs of students, the professional communities it serves, and society.

The College of Education and Human Services prepares students to be effective educators. CEHS is accredited by the Council for the Accreditation of Education Preparation (CAEP) (http://caepnet.org/), the highest accreditation possible in teacher education and we offer graduates added value and recognition nationwide when seeking employment or admission to graduate study.

Preparation to teach a particular academic subject is accomplished through a program requiring completion of the major requirements of the appropriate liberal arts or science major, general studies, and professional education major requirements.

Curriculum Overview

Areas of study for secondary education at Rider are English education, foreign language education: Spanish, history education, mathematics education, and science education (biochemistry, biology, chemistry, earth sciences, environmental sciences, geology, marine sciences).

In addition, secondary education majors can elect to pursue the following minors, certifications and endorsements: English as a second language; bilingual education; or interdisciplinary minor in special education.

Degree Offered

- B.A. in Secondary Education

Contact

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education
Bierenbaum Fisher Hall 102D
609-896-5162
sdougherty@rider.edu

Program Website: Secondary Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)
Associated Department: Teacher Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)

Accreditation: Council for the Accreditation of Education Preparation (CAEP) (http://caepnet.org/)

Related Programs

- Elementary Education (p. 155)

Secondary Education Major Requirements

Preparation to teach a particular academic subject in secondary education is accomplished through a program requiring completion of the major requirements of the appropriate liberal arts or science major, general studies and professional education major requirements. In addition to completing these requirements, all Rider University students are required to complete the Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) requirements.

Second major/options include:

- English Education (p. 55)
- Foreign Language Education: Spanish (p. 55)
- History Education (p. 56)
- Mathematics Education (p. 56)
- Science Education: (Biochemistry (p. 57), Biology (p. 57), Chemistry, (p. 58) Earth Sciences (p. 58), Environmental Sciences, (p. 59) or Marine Sciences (p. 60))

English Education Major Requirements

General Studies and Academic Major
(99 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Science elective		3
Theatre elective		3
Philosophy elective		3
Journalism or Media elective		3
History elective		3
Social Science elective		3
Technology elective(s)		3
Foundations of Language Elective		3
World Literature elective		3
Foreign Language elective [1]		3
General Studies electives		9
Total Credits		**60**

English Major Requirements
(39 credits)

See the requirements for the English major listed in the College of Arts and Sciences (p. 227) section.

Professional Education Courses
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences [2]		
SED 370	Teaching in the High School	3
ELD 395	Literacy Learning in the Middle School	3
SED 400	Teaching English Language Arts in the Secondary School	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (http://www.rider.edu/offices-services/orientation/course-placement/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis ore Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Foreign Language Education (Spanish) Major Requirements

General Studies and Academic Major
(96-99 credits minimum)[1]

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric [2]	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
MTH 150	Mathematics for Education Majors I [2]	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Anthropology elective		3
Fine Arts elective		3
History elective		3
Philosophy elective		3
Technology elective		3
Science elective		3
General Studies electives		0-12
Basic Foreign Language courses [3]		0-12
Total Credits		**39-63**

Spanish Major Requirements
(30 semester hours beyond the Spanish 200 level courses and 12 semester hours in collateral liberal arts courses.) See the requirements for the Spanish major listed in the College of Arts and Sciences section (p. 527). (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/spanish/)

Professional Education Courses
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [4]		
EDU 320	Introduction to Linguistics and Psycholinguistics	3
SED 370	Teaching in the High School	3
EDU 420	Teaching a Second Language	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [5]	12
Total Credits		**27**

1

Study Abroad may substitute for some of these courses.

2

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

3

Students with advanced standing in Spanish take liberal arts electives.

4

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

History Education Major Requirements

General Studies and Academic Major
(60-63 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
POL 100	U.S. Politics in Crisis	3
PSY 100	Introduction to Psychology	3
SOC 101	Sociological Imagination	3
ECO 200	Principles of Macroeconomics	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Anthropology elective		3
World History		6
Science Elective		3
Philosophy elective		3
Technology elective		3
Fine Arts elective		3
Foreign Language elective [1]		3
General Studies electives		3
Total Credits		**57**

History Major Requirements
(36-39 credits)

See the requirements for the History major listed in the College of Arts and Sciences section (p. 323).

Professional Education Requirements
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 390	Teaching Social Studies in the Middle School	3
SED 370	Teaching in the High School	3
SED 405	Teaching Social Studies in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Mathematics Education Requirements

General Studies and Academic Major
(96-99 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
History elective		3
Fine Arts elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Foreign Language elective [1]		3
General Studies electives		10
Total Credits		**49**

Mathematics Major Requirements
(50 credits)

See the requirements for the Mathematics major listed in the College of Arts and Sciences section (p. 399).

Professional Education Requirements
(27 credits)

Code	Title	Credits
Methodology, curriculum, and instruction courses with associated field experiences: [2]		
ELD 380	Methods of Teaching Mathematics in the Middle School	3
SED 370	Teaching in the High School	3
SED 415	Teaching Mathematics in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments Test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Biochemistry) Major Requirements

General Studies and Academic Major
(136 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
Fine Arts elective		3
Foreign language elective [1]		3
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Total Credits		**39**

Biochemistry Major Requirements
(70 credits minimum)

See the requirements for the Biochemistry major listed in the College of Arts and Sciences section (p. 79).

Professional Education
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Biology) Major Requirements

General Studies and Academic Major
(99-101 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
Fine Arts elective		3

Foreign Language elective [1]	3
General Studies Electives	11
History elective	3
Literature elective	3
Philosophy elective	3
Technology elective	3
Total Credits	**50**

Biology Major Requirements
(49-51 credits)

See the requirements for the Biology major listed in the College of Arts and Sciences section (p. 83).

Professional Education
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Chemistry) Major Requirements

General Studies and Academic Major
(102 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
Fine Arts elective		3
Foreign Language elective [1]		3
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
General Studies electives		8
Total Credits		**47**

Chemistry Major Requirements
(52 credits)

See the requirements for the Chemistry (B.A.) major listed in College of Arts and Sciences section (p. 104).

Professional Education
(27 credits)

Code	Title	Credits
Methodology curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Earth Sciences) Major Requirements

General Studies and Academic Major
(102 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	

CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
MTH 105	Algebra and Trigonometry [1]	4
or MTH 210	Calculus I	
Fine Arts elective		3
Foreign Language elective [1]		3
General Studies electives		5
History elective		3
Literature elective		3
Philosophy elective		3
Social Science elective		3
Technology elective		3
Total Credits		**48**

Earth Sciences Major Requirements
(51-54 credits)

See the requirements for the Earth Sciences major listed in the College of Arts and Sciences section (p. 198).

Professional Education
(27credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Environmental Sciences) Major Requirements

General Studies and Academic Major
(107-108 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
MTH 105	Algebra and Trigonometry	4
or MTH 210	Calculus I	
Fine Arts elective		3
Foreign Language elective [1]		3
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Total Credits		**43**

Environmental Sciences Major Requirements
(64-65 credits)

See the requirements for the Environmental Sciences major listed in the College of Arts and Sciences section (p. 246).

Professional Education
(27credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Marine Sciences) Major Requirements

General Studies and Academic Major
(108-109 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
MTH 105	Algebra and Trigonometry	4
or MTH 210	Calculus I	
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
Fine Arts elective		3
Foreign Language elective [1]		3
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Total Credits		**43**

Marine Science Major Requirements
(65-66 credits)

See the requirements for the Marine Sciences major listed in the College of Arts and Sciences section (p. 380). (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/marine-sciences/)

Professional Education
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Secondary Education Minor Requirements

Undergraduate secondary education majors can elect to pursue the following minors, certifications and endorsements:

- Bilingual Education (p. 60)
- English as a Second Language (ESL) (p. 60)
- Secondary Education and Interdisciplinary Minor in Special Education (p. 61)

Bilingual Education

Certification in bilingual education is available to secondary education majors in the areas of Math, Science, Social Studies and English who upon completion of the program have demonstrated competence in both English and another language. Candidates for this certification will complete:

Code	Title	Credits
Multicultural Studies elective		3
EDU 320	Introduction to Linguistics and Psycholinguistics	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
Bilingual field experiences are required.		
Language proficiency evaluations are required.		

For information regarding this program please contact:

Maria Villalobos-Buehner, Ph.D.
Associate Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

English as a Second Language

Certification in English as a second language (ESL) is available to elementary and secondary education majors. It may be achieved by an

additional 3-6 semester hours by majors in English or foreign language (French or Spanish). All candidates for this certification will complete:

Code	Title	Credits
Multicultural Studies elective		3
EDU 320	Introduction to Linguistics and Psycholinguistics	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
English as a Second Language field experiences are required.		
English proficiency evaluations are required.		

For information regarding this program please contact:

Maria Villalobos-Buehner, Ph.D.
Associate Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

Secondary Education and Interdisciplinary Minor in Special Education

The secondary education interdisciplinary minor in special education curriculum is an additional option for students majoring in secondary education and a content area who wish to effectively work with students with disabilities, particularly in inclusive settings. This program includes the courses required by the New Jersey Department of Education for a Teacher of Students with Disabilities licensure endorsement. The following courses are required for this program:

Code	Title	Credits
SPE 201	Foundations in Special Education and Inclusive Practice	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
PSY 212	Introduction to Applied Behavior Analysis	3
PSY 237	Cognitive Disabilities	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3

For information regarding this program please contact:

Diane Casale-Giannola, Ed.D.
Professor
Bierenbaum Fisher Hall 102E
609-896-5078
dgiannola@rider.edu

Academic Plans of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

- Secondary Education / Biochemistry (p. 61)
- Secondary Education / Biology (p. 62)
- Secondary Education / Chemistry (p. 63)
- Secondary Education / Earth Sciences (p. 64)
- Secondary Education / English Literature (p. 65)
- Secondary Education / English Writing (p. 66)
- Secondary Education / Environmental Sciences (p. 67)
- Secondary Education / Geology (p. 68)
- Secondary Education / History (p. 69)
- Secondary Education / Marine Sciences (p. 70)
- Secondary Education / Mathematics (p. 71)
- Secondary Education / Spanish (p. 72)

Academic Plan for Secondary Education / Biochemistry

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
Technology Elective		2
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3

Foreign Language Elective [1]		3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 & 265L	Genetics and Genetics Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Technology Elective		1
History Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
BCH 325	Biochemistry	3
BCH 326	Biochem and Enzymology I Lab	1
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
PHY 200 & 200L	General Physics I and General Physics I Lab	4
SPE 300	Inclusive Practices for General Education Teachers [3]	3
Social Science Elective		3
	Semester Credit Hours	**18**
Spring Semester		
BCH 330	Biochemistry II	3
BCH 331	Biochemistry II Lab	1
ELD 385	Teaching Science in the Middle School [4]	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
SED 431	Content Area Reading and Writing	3
Literature Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BCH 490	Independent Study: Research and Creative Expression	1-4
CHE 305	Physical Chemistry I	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools [5]	3
Advanced Elective Course [6]		1-4
Advanced Elective Course [6]		1-4
Fine Arts Elective		3
Philosophy Course		3
	Semester Credit Hours	**18-27**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**132-141**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

ELD 385 is offered in spring semester only.

5

SED 410 is offered in fall semester only.

6

Five or more credits of upper level courses required. At least two of the five credits must be connected to laboratory courses.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring)

Academic Plan for Secondary Education / Biology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 105	Algebra and Trigonometry [1]	4
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3

MTH 210 or BNS 250	Calculus I or Biostatistics	4
Technology Elective		3
	Semester Credit Hours	**18**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
Philosophy Elective		3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 & 265L	Genetics and Genetics Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
BIO 265 or higher BIO/BNS Course & Lab		4
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Literature Elective		3
History Elective		3
SPE 300	Inclusive Practices for General Education Teachers [3]	3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 or higher BIO/BNS Course & Lab		4
PHY 101	Principles of Physics II	3
PHY 101L	Principles of Physics II Lab	1
ELD 385	Teaching Science in the Middle School [4]	3
SED 431	Content Area Reading and Writing	3
Social Science Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BIO 265 or higher BIO/BNS Course & Lab		4
BIO 400	Seminar in Cellular and Molecular Biology	3
Fine Arts Elective		3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools [5]	3
	Semester Credit Hours	**16**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**129**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

ELD 385 is offered in spring semester only.

5

SED 410 is offered in fall semester only.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Chemistry

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
Foreign Language Elective [1]		3
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4

PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
COM 104	Speech Communication	3
MTH 212	Calculus III	4
PHY 200 & 200L	General Physics I and General Physics I Lab	4
History Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
Fine Arts Elective		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
CHE 305	Physical Chemistry I	3
Literature Elective		3
SPE 300	Inclusive Practices for General Education Teachers [3]	3
Social Science Elective		3
	Semester Credit Hours	**16**
Spring Semester		
CHE 325	Physical Chemistry Laboratory	1
CHE 330	Instrumental Analysis Laboratory	2
ELD 385	Teaching Science in the Middle School [4]	3
SED 431	Content Area Reading and Writing	3
General Studies Elective		3
General Studies Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
BCH 325	Biochemistry	3
CHE 315	Inorganic Chemistry	3
CHE 316	Inorganic Chemistry Laboratory	1
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools [5]	3
Advanced Elective Course		3
Advanced Lab Course [6]		1-2
Advanced Lab Course [6]		1-2
	Semester Credit Hours	**18-20**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**130-132**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

ELD 385 is offered in spring semester only.

5

SED 410 is offered in fall semester only.

6

Advanced Laboratory course: a total of four lab credits required.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Earth Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
PHY 180	Astronomy	3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**17**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1

COM 104	Speech Communication	3
ENV 220 or BIO 116/ BIO 116L	Weather and Climate Change or Principles of Biology II	3-4
Foreign Language Elective [1]		3
	Semester Credit Hours	**16-17**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
History Elective		3
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab (or another requirement for Foundational courses or Concentration requirements)	4
One Major Concentration Requirement or Elective [2]		3-4
Philosophy Elective		3
	Semester Credit Hours	**16-17**
Year 3		
Fall Semester		
ENV 340	Environmental Field Methods and Data Analysis (or other Major Concentration Requirement or Elective)	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
Social Science Elective		3
One Major Concentration Requirement or Elective [2]		4
	Semester Credit Hours	**16**
Spring Semester		
ELD 385	Teaching Science in the Middle School	3
SED 431	Content Area Reading and Writing	3
General Studies Elective		3
Two Major Concentration Reqirements or Electives [2]		6-8
	Semester Credit Hours	**15-17**
Summer Semester		
MAR 380 or MAR 300	The Learning and Teaching of Marine Science (or approved Geology Field Course from another institution) or Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
General Studies Elective		2
Two Major Concentration Requirements or Elective [2]		6-8
	Semester Credit Hours	**14-16**
Spring Semester		
EDU 465	Student Teaching and Seminar [4]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**127-133**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

Courses selected should be made with approval from Earth Sciences academic advisor.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / English Literature

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
Foreign Language Elective [1]		3
Journalism/Media Elective		3

Science Elective		3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Technology Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 251	Literary History II	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
General Studies Elective		3
Philosophy Elective		3
World Literature Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level (Genre/Theoretical/Sub-Genre Category)		3
Foundations of Language Elective		3
Theater Elective		3
	Semester Credit Hours	**15**
Spring Semester		
SED 370	Teaching in the High School	3
SED 400	Teaching English Language Arts in the Secondary School	3
ENG 300 Level (Genre/Theoretical/Sub-Genre Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
General Studies Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
ELD 395	Literacy Learning in the Middle School	3
SED 431	Content Area Reading and Writing	3
ENG 300 or 400 Level Course (Any Category)		3
ENG 300 or 400 Level Course (Any Category)		3
ENG 400 Level Course (Any Category)		
ENG 400 Level (Seminar II Category)		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [3]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / English Writing

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ENG 206	Introduction to Creative Writing	3
Foreign Language Elective [1]		3
General Studies Elective		3
Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3

EDU 206	Developmental Education Psychology [2]	3
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Journalism/Media Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ENG 251	Literary History II	3
SPE 300	Inclusive Practices for General Education Teachers	3
ENG 300 Level Writing/Genre Course		3
Fine Arts Elective		3
World Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ENG 300 Level Literature Course		3
ENG 300 Level Writing/Genre Course		3
ENG 300 Level Writing/Genre Course		3
Foundations of Language Elective		3
Social Science Elective		3
Theatre Elective		3
	Semester Credit Hours	**18**
Spring Semester		
SED 370	Teaching in the High School	3
SED 400	Teaching English Language Arts in the Secondary School	3
ENG 300 Literature Course		3
ENG 300 Level Writing/Genre Course		3
ENG 300 Level Writing Course		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ELD 395	Literacy Learning in the Middle School	3
SED 431	Content Area Reading and Writing	3
ENG 300 Level Writing Course		3
General Studies Elective		3
ENG 400 Level Writing Course		
	Semester Credit Hours	**12**
Spring Semester		
EDU 465	Student Teaching and Seminar [3]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Environmental Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
Foreign Language [1]		3

History Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
GEO 350 & 350L or GEO 407 ***and*** GEO 407L	Soil and Surficial Processes or Hydrology and Water Resources ***and*** Hydrology and Water Resources Lab	4
Environmental Science or Policy & Humanities Elective		3-4
	Semester Credit Hours	**17-18**
Year 3		
Fall Semester		
BIO 350 & 350L	General Ecology and General Ecology Lab	4
ENV 205	Introduction to Geographic Information Systems	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
SPE 300	Inclusive Practices for General Education Teachers	3
Philosophy Elective		3
	Semester Credit Hours	**17**
Spring Semester		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	4
ELD 385	Teaching Science in the Middle School	3
SED 431	Content Area Reading and Writing	3
Environmental Science or Policy & Humanities Elective		3-4
Technology Elective		3
	Semester Credit Hours	**16-17**
Year 4		
Fall Semester		
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
Environmental Science or Policy & Humanities Elective		3-4
Fine Arts Elective		3
Literature Elective		3
Social Science Elective		3
	Semester Credit Hours	**18-19**
Spring Semester		
EDU 465	Student Teaching and Seminar [3]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**130-133**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Geology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
Foreign Language [1]		3
	Semester Credit Hours	**17**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
History Elective		3
Philosophy Elective		3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab (Select one of the following:)	4
Technology Elective		1

Fine Arts Elective		3
	Semester Credit Hours	**16**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology	3
Select one of the following:		3-4
ENV 220	Weather and Climate Change	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
Social Science Elective		3
	Semester Credit Hours	**16-17**
Year 3		
Fall Semester		
ENV 205	Introduction to Geographic Information Systems	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Select one of the following:		3
MAR 340	Marine Processes and Environments: Seminar	
GEO 168	Mesozoic Ruling Reptiles	
SPE 300	Inclusive Practices for General Education Teachers [3]	3
Major Elective [4]		3
Technology Elective		2
	Semester Credit Hours	**18**
Spring Semester		
ELD 385	Teaching Science in the Middle School [5]	3
Select two of the following:		8
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
SED 431	Content Area Reading and Writing	3
	Semester Credit Hours	**14**
Summer Semester		
Approved Geology Field Camp (not offered at Rider)		3
	Semester Credit Hours	**3**
Year 4		
Fall Semester		
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	4
SED 370	Teaching in the High School [6]	3
SED 410	Teaching Science in Secondary Schools [7]	3
Literature Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [8]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**129-130**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

Must take one major elective: ENV 220, ENV 375, GEO 168, MAR 340.

5

ELD 385 offered spring semester only.

6

SED 370 offered fall semester only.

7

SED 410 offered fall semester only.

8

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / History

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
HIS 160	Seminar in History	3
Foreign Language Elective [1]		3
MTH 150	Mathematics for Education Majors I	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3

COM 104	Speech Communication	3
HIS 151	World History Since 1500	3
HIS 180 or HIS 181	U.S. History I or U.S. History II	3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
HIS 190 or HIS 191	Europe to 1715 or Europe Since 1715	3
Upper Level History Elective (HIS 200-399) [2]		3
SOC 101	Sociological Imagination	3
Fine Arts Elective		3
Science Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
POL 100	U.S. Politics in Crisis	3
General Studies Elective		3
Upper level History Elective (HIS 200-399) [2]		3
Upper level History Elective (HIS 200-399) [2]		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
Two Upper level History Electives (HIS 200-399) [2]		6
HIS 260	Craft of History	3
ECO 200	Principles of Macroeconomics	3
SOC 110 or SOC 311	Cultural Anthropology or Social and Cultural Change	3
SPE 300	Inclusive Practices for General Education Teachers [4]	3
	Semester Credit Hours	**18**
Spring Semester		
ELD 390	Teaching Social Studies in the Middle School	3
SED 431	Content Area Reading and Writing	3
Philosophy Elective		3
Two Upper Level History Electives (HIS 200-399) or		6
HIS 491	Internship in History	
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
SED 370	Teaching in the High School	3
SED 405	Teaching Social Studies in Secondary Schools	3
HIS 460 or HIS 490	Research Seminar or Independent Study: Research and Creative Expression	3
Upper Level History Elective (HIS 200-399) [2]		3
Literature Elective		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

Program must include at least two courses at the 200 level and at least two at the 300 level. At least two courses must be Diversity courses.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

Special Education minors should replace this course with a General Studies Elective.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Marine Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Foreign Language Elective [1]		3

PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
Fine Arts Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
History Elective		3
Literature Elective		3
Technology Elective		1
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
SPE 300	Inclusive Practices for General Education Teachers [3]	3
Major Elective [4]		3-4
Social Science Elective		3
	Semester Credit Hours	**17-18**
Spring Semester		
ELD 385	Teaching Science in the Middle School [5]	3
SED 431	Content Area Reading and Writing	3
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	4
MAR 410	Physical Oceanography	3
PHY 101	Principles of Physics II	3
PHY 101L	Principles of Physics II Lab	1
	Semester Credit Hours	**17**
Summer Semester		
MAR 300	Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
MAR 340	Marine Processes and Environments: Seminar	3
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	4
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools [6]	3
Major Elective [4]		4
Technology Elective		1
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**134-135**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

Major Electives: BIO 372, ENV 205, MAR 210, MAR 325, MAR 360.

5

ELD 385 offered spring semester only.

6

SED 410 offered fall semester only.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Mathematics

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
Foreign Language Elective [1]		3
MTH 210	Calculus I [1]	4
History Elective		3
	Semester Credit Hours	**16**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4

PSY 100	Introduction to Psychology	3
Social Science Elective		3
Fine Arts Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 212	Calculus III	4
MTH 240	Linear Algebra	3
Literature Elective		3
PHY 200 & 200L	General Physics I and General Physics I Lab	4
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
MTH 250	Differential Equations	3
MTH 315	Modern Geometry	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MTH 308	Advanced Calculus	3
MTH 340	Probability & Statistical Analysis I	3
SPE 300	Inclusive Practices for General Education Teachers [3]	3
General Studies Elective		3
General Studies Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ELD 380	Methods of Teaching Mathematics in the Middle School	3
MTH 410	Complex Analysis	3
SED 431	Content Area Reading and Writing	3
Upper Level Math Elective [5]		3
General Studies Elective		3
General Studies Elective		1
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
MTH 401	Modern Algebra	3
Upper Level Math Elective [4]		3
Upper Level Math Elective [4]		3
SED 370	Teaching in the High School	3
SED 415	Teaching Mathematics in Secondary Schools	3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

Upper level math electives include: MTH 402, MTH 420, MTH 430 and MTH 440. MTH 402 may, with the permission of the department, be taken more than once for credit. MTH 490, Independent Study and Research, may also be used to satisfy this requirement.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Spanish

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
SPA 200	Spanish III [1]	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
SPA 201	Spanish IV	3
SPA 310 or SPA 311 or SPA 312	Spanish Culture & Civilization or Latin American Cultures or Latinx Cultures	3
History Elective		3
Science Elective (bio/phy)		3
	Semester Credit Hours	**15**

Year 2

Fall Semester

SOC 110	Cultural Anthropology	3
SPA 300 or SPA 302	Advanced Grammar & Composition or Writing and Translating	3
SPA 320	Introduction to Spanish Literature	3
Fine Arts Elective		3
Select one of the following:		3
CHI 100	Chinese I	
FRE 100	French I	
GER 100	German I	
ITA 100	Italian I	
	Semester Credit Hours	**15**

Spring Semester

EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
SPA 301 or SPA 303	Spanish for Business or Advanced Communication and Popular Cultures	3
SPA 325	Introduction to Latin-American/Latino Literature	3
Select one of the following:		3
CHI 101	Chinese II	
FRE 101	French II	
GER 101	German II	
ITA 101	Italian II	
General Studies Elective		3
	Semester Credit Hours	**18**

Year 3

Fall Semester

LIT 250	Masterworks of Western Literature I	3
Select one of the following:		3
CHI 200	Chinese III	
FRE 200	French III	
GER 200	German III	
ITA 200	Italian III	
SPA 312 or SPA 420	Latinx Cultures or From Colonies to Nations	3
SPE 300	Inclusive Practices for General Education Teachers [3]	3
General Studies Elective		3
Technology Elective		3
	Semester Credit Hours	**18**

Spring Semester

EDU 320	Introduction to Linguistics and Psycholinguistics [4]	3
LIT 251	Masterworks of Western Literature II	3
SED 431	Content Area Reading and Writing	3
SPA 305 or SPA 403 or SPA 415 or SPA 416	Cervantes or Medieval Literature or Spanish Renaissance or The Spanish Golden Age	3
SPA 426	Latin American/Latino Film and Fiction	3
	Semester Credit Hours	**15**

Year 4

Fall Semester

SED 370	Teaching in the High School	3
EDU 420	Teaching a Second Language [5]	3
SPA 410 or SPA 411 or SPA 412 or SPA 413	Modern Hispanic Poetry or Modern Spanish Novel or Theater and Film of the Hispanic World or The Hispanic Short Story: Transatlantic Connections	3
SPA 490	Independent Study: Research and Creative Expression	3
General Studies Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**

Spring Semester

EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

EDU 320 offered spring semester only.

5

EDU 420 offered fall semester only.

6

Students must have a “C+” or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Courses and Descriptions

BED 410 Prin/Strat Voc & Coop Ed 3 Credits
Designed as one of the specialized courses in the preparation of business and marketing education teachers and teacher-coordinators of cooperative work experience programs. The philosophy and history of education for and about work, including technology, are studies along with the principles and strategies for organizing and administering vocational cooperative education programs. Developmental/reflective evaluative techniques will be applied for the assessment of self, students, instruction and selected case studies. Current instructional concepts, organizational and administrative strategies, legislative enactments, and regulations pertaining to the employment of youth are included. Special attention is given to the role of vocational student organizations and advisory committees. Open to all students. A cumulative GPA of 2.75 is required.

BED 415 Teaching Business Subjects 3 Credits
Instructional strategies in the teaching of business and marketing subjects are analyzed and demonstrated. Students are required to prepare lesson plans, teach demonstration lessons, develop a unit plan, and compile a resource file of teaching materials. Videotaping of demonstration lessons is integrated with the course work to encourage developing teaching competency through a series of instructional modules appropriate to the student's certification interests. A cumulative GPA of 2.75 is required.

BED 445 Work Experience Cooperative Program 3-6 Credits
A minimum of 300 hours in a supervised occupational experience or a supervised internship program in an approved work station or institution. The experience is coordinated and supervised by a qualified coordinator of occupational education. A series of activities are designed to relate job and intern experiences to the student's future role as an employee or a professional teacher. The student will be evaluated by the supervising employer and the University supervisor.

BED 490 Independent Research & Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

EDU 101 First Year and Transfer Education Seminar 1 Credits
First year/transfer seminar provides an engaging orientation to the undergraduate teacher education program at Rider University. During this course, students new to the Department of Teacher Education will explore their beliefs about teaching, learning and school. This focus will be broken into four areas of inquiry that include: (a) What knowledge is of “greatest worth” for educators? (b) What is the purpose of a policy and who gets to make the decisions? (c) What is a “safe” school? (d) What role do unions and professional communities play in the lives of educators and children?.

EDU 106 Contexts Of Schooling 3 Credits
Students in this field-based course will begin to examine aims, practices, and contemporary issues of schooling in their historical, sociological, philosophical, and futuristic contexts and from the perspectives of various multicultural constituencies-- students, parents, local community, wider economic community, government, and the profession. In doing so, they will begin to develop professional skills of observation, reflection, analysis, and argument. This course must be taken concurrently with EDU 206. A cumulative GPA of 2.75 is required.

EDU 206 Developmental Education Psychology 3 Credits
This field-based course focuses on: a) the cognitive, personality, social, creative, and moral development of children and adolescents; b) influential theories, concepts, and research findings of educational psychology; and c) the translation of psychological theory into classroom practices. This course must be taken concurrently with EDU 106. A cumulative GPA of 2.75 is required.

EDU 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world’s languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester. A cumulative GPA of 2.75 is required. NOTE: This course is cross-listed with FLE 320. Students cannot get credit for both FLE 320 and EDU 320.

EDU 358 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

EDU 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. A cumulative GPA of 2.75 is required. *NOTE: This course is cross-listed as FLE 420. Students cannot get credit for both FLE 420 and EDU 420.
Prerequisite(s): EDU 106 with a minimum grade of C+ or EDU 106 with a minimum grade of TR and EDU 206 with a minimum grade of C+ or EDU 206 with a minimum grade of TR.

EDU 451 Special Topics in Education 1-6 Credits
Student teachers, graduate interns, Rider faculty, cooperating teachers, and building-level administrators will engage in collaborative study of a topic through reading, writing, discussion, observation, and reflection on their work in classrooms. Work in these seminars will help student teachers synthesize knowledge from their professional courses and all participants extend their understanding of a particular topic pertaining to teaching. Teacher research methods will be employed as participants analyze their own teaching through perspectives of the seminar topic. Topics will vary each semester. This course is dual-listed for undergraduate and graduate credit. Enrollment is limited to students concurrently enrolled in student teaching and to cooperating teachers and principals working with them.

EDU 460 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal, and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing, and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study. A cumulative GPA of 2.75 is required.

EDU 465 Student Teaching and Seminar 12 Credits
A full-time program for seniors providing practical teaching experience in an accredited elementary or secondary school. Under the direct supervision of the cooperating teacher, student teachers are responsible for the planning of lessons and for teaching in their areas of specialization and for developing a high level of teaching competency. Supervisors from Rider observe the student teachers at work, confer with the cooperating teachers and student teachers, and evaluate the growth of the student teachers throughout the internship period. Special topics are considered in seminars held in conjunction with student teaching. These topics include school health and substance abuse, school law, teacher certification and placement, classroom management, mainstreaming, professionalism, and other topics deemed appropriate by the faculty and student teachers.
Prerequisite(s): 1. Satisfactory completion of junior-level professional courses; 2. Cumulative GPA of at least 3.0 prior to commencing the semester in which student teaching is to be completed; 3. All professional education courses, with the exception of those taken concurrently with student teaching, must be completed with a grade of "C +" or better; 4. A candidate for student teaching must be approved by the education division and the coordinator of student teaching. There is an additional fee for Student Teaching.

EDU 477 International Student Teaching 3 Credits
This course provides an immersion opportunity for student teachers to learn about the different cultures and the education system of other countries while living and teaching abroad. Students will explore topics such as global awareness, international curriculum, global educational issues, and pedagogy to support diverse student needs. Through seminar discussion, research, observation, reflection and practical experience, students will develop and share their understanding of diversity in an international setting to increase global awareness, inclusive practice, and professional skills to develop a culturally responsive classroom. A fee is required for this course.
Prerequisites: 3.25 GPA, letter of recommendation, successful completion of required PRAXIS exams, interview, essay, and successful completion of local student teaching. POI required.

ELD 128 Developing Mathematical Ideas for Elementary School Teachers 1 Credits
Prospective teachers will examine the mathematics content and curriculum that is taught in grades K-6, focusing upon the multi-layered aspects of the topics that successful elementary teachers need to understand profoundly in order to provide appropriate instruction. There will be a series of topics selected from those that have historically been especially difficult for teachers to thoroughly understand at the depth needed to teach effectively. Some of the topics may vary each semester.

ELD 307 Emergent Literacy P-3 3 Credits
This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 308 Fostering Language and Literacy Development 3 Credits
Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206; ELD 307.

ELD 350 Early Adolescence 1 Credits
This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes.

ELD 355 Teaching in the Inclusive Middle School Classroom 1 Credits
This course will highlight the legal and ethical responsibilities of general education teachers in the middle school classroom. The special education process will be discussed and methods to address special needs in the classroom will be shared. Strategies to differentiate instruction and work collaboratively with school community members will help pre-service teachers develop and implement effective instruction that meets diverse needs in the middle school inclusive classroom.
Prerequisite(s): EDU 106 and EDU 206 and a cumulative GPA of 2.75 is required.

ELD 360 Structure and Culture of Middle School Classroom 1 Credits
This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 375 Methods of Teaching Mathematics in Elementary Classrooms 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206, MTH 102 or MTH 105 or MTH 150 or MTH 210.

ELD 376 Teaching Science, Social Studies and the Arts N-6 3 Credits
This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade six (based on NCSS, NSTA, and NAEA Standards). Emphasis is placed on an integrated approach to curriculum, with lesson and unit planning activities that incorporate hands-on-experiences, discovery learning and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of classroom instruction and the teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required.
Prerequisite(s): ELD 307 and ELD 375.

ELD 380 Methods of Teaching Mathematics in the Middle School 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. In keeping with the National Council of Teachers of Mathematics (NCTM) Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experience, use of technology, and traditional and non-traditional assessment. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 385 Teaching Science in the Middle School 3 Credits
This course focuses on the teaching of sciences that is developmentally appropriate for students in grades six through eight. In keeping with the National Science Education Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experiences, use of technology and traditional and non-traditional assessment strategies. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 390 Teaching Social Studies in the Middle School 3 Credits
This course focuses on the teaching of social studies that is developmentally appropriate for students in grades six through eight. Its focus will explore understanding of United States history, geography and civics from the perspective of the middle school. The course emphasizes the ten themes of social studies as developed by the National Council for the Social Studies. In addition to the facts, concepts and generalizations encompassed by the ten themes, the course works with academic, social, thinking and citizenship skills. The required, intensive field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 395 Literacy Learning in the Middle School 3 Credits
This course focuses on the teaching of literacy that is developmentally appropriate for students in grades six through eight. It explores processes in reading, writing, speaking, listening and viewing, relationships among the language arts and other subject areas, and the development of critical literacy and cognitive strategies. The intense field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 490 Independent Study: Research and Creative Expression 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hour's credit to be assigned is determined by the department.

SED 370 Teaching in the High School 3 Credits
This field-based course focuses on general pedagogy in grades nine through 12. Emphasis will be on generic teaching approaches, planning lessons and developing units of study, learning styles, issues and techniques of evaluation, and multiculturalism. Working in local high schools, students continue observing and begin teaching lessons in their subject area specialization. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 400 Teaching English Language Arts in the Secondary School 3 Credits
Students preparing to teach English in middle schools and senior high schools explore strategies for the imaginative teaching of literature, poetry, drama, grammar, composing processes, vocabulary, and oral language use. Students research, develop, and critique thematic units, analyze curriculum, and study the selection, development, and use of a wide variety of teaching materials. Traditional and alternative methods of assessment are explored. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 405 Teaching Social Studies in Secondary Schools 3 Credits
The theoretical foundations of teaching social studies in junior and senior high schools. Basic goals and aims of social studies instruction are studied, and specific methodological techniques are described and practiced. Demonstration lessons are prepared and presented. Considers typical problems with which teachers are confronted. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 410 Teaching Science in Secondary Schools 3 Credits
Classroom interaction analysis systems are utilized in the study of the teaching-learning process. Students develop their own repertoire of teaching strategies. Emphasis on the investigation and interpretation of recent curriculum developments, and the use of the laboratory in science instruction. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 415 Teaching Mathematics in Secondary Schools 3 Credits
The critical analysis of the aims of teaching mathematics in the secondary school; review of recent research in the content and teaching of mathematics by individuals and groups; demonstration lessons (reflective teaching) to illustrate techniques of teaching; the planning of lessons; selection and organization of materials and subject matter; and evaluation of lesson presentation. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 431 Content Area Reading and Writing 3 Credits
Explores theoretical and methodological issues concerned with teaching reading and writing within content area classes. Students analyze junior high and high school textbooks and other reading materials, study methods of adjusting instruction to varying reading and writing needs of students, prepare directed reading activities in their specific content areas, and use informal diagnostic reading tools. Included is the preparation of content area writing assignments and the evaluation of student writing as well as the teaching of study skills? Emphasis throughout is on the integration of reading and writing into secondary school subject classes. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 490 Independent Research and Study 1-6 Credits
The outline for study must be accepted by the professor and approved by the department. The semester hours credit to be assigned is determined by the department.

SPE 201 Foundations in Special Education and Inclusive Practice 3 Credits
This course emphasizes the foundations of special education and introduces students to inclusive practice. Philosophical, historical, and legal foundations of special education and characteristics of students with disabilities will be examined. Students will learn the components of an Individualized Education Program (IEP), how to adapt learning environments and curricular materials, as well as how to select and implement modifications for students with disabilities. Inclusive educational practices including communication, coteaching, and collaborative partnerships will be addressed through case studies and fieldwork. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 is required.

SPE 202 Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities 3 Credits
This course is designed to examine the characteristics of individuals with Autism Spectrum Disorder (ASD) and strategies to support their academic, communication, and social/behavioral growth, including the use of assistive technology and positive behavioral supports. Methods and strategies for ASD and other low incidence disabilities will be explored. Through active participation in class and field sites, students will become aware of the various social issues related to family, education, transition, community resources and work experiences of individuals with these disabilities. Students will be required to complete a minimum of 30 weekday field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 210 Global Encounters 3 Credits
This course is an international learning experience focused on exploring educational opportunities in the United States and abroad. Students will study the history, policy and practice of special education in the United States and compare it with another country and culture first hand, through lectures, school visits and reflection. Current strategies and challenges of educators and families supporting individuals with disabilities will be examined. Through this cross-cultural experience, students will broaden perspectives and develop cultural awareness, knowledge, and understanding of diversity. This course is open to all students and disciplines. There are no prerequisites.

SPE 300 Inclusive Practices for General Education Teachers 3 Credits
This online course is designed to introduce preservice general education teachers students to special education and the inclusive classroom. Students will explore current issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours. Prereqisite(s): EDU 106 and EDU 206. A cumulative gpa of 2.75 is required.

SPE 303 Assessment and Instruction for Students with Disabilities 3 Credits
This course will emphasize the relationship between assessment and instructional design and implementation. Coursework includes the evaluation, selection, development, and adaptation of standardized, normreferenced, and functional assessments, such as a Functional Behavioral Assessment (FBA) and Ecological Assessment. Strategies to support literacy instruction for students with disabilities will be examined. Transition planning, program development, and agencies available to support students with disabilities and their families will be explored. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 304 Assessment and Instruction in the Inclusive Classroom 3 Credits
This course will emphasize assessment, planning, and instructional design to maximize the learning of all students, including those with exceptional learning needs, in the inclusive classroom. Students will have the opportunity to explore a variety of instructional strategies to meet the needs of diverse learners. Organization of learning environments and the collaborative process, including co-teaching models, will be utilized to design a long-term unit plan. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 305 Assessment and Instruction for Students with Autism Spectrum Disorders 3 Credits
Through this course, teacher candidates will learn both theories related to teaching students with Autism Spectrum Disorder (ASD) as well as best practices in the classroom related to academic instruction, as well as emotional, behavioral, and communicative interventions. This course also includes a field component, in which teacher candidates are expected to complete 10 hours of observation in a classroom with students with ASD. The course begins by examining the characteristics of the disability, causes, early warning signs, diagnostic procedures, and early intervention practices. Specific practices related to instruction and intervention as well as how to best structure a classroom for students will be examined. Teacher candidates will receive instruction in a variety of strategies and practices, even those that do not yet qualify as EBPs, as well as their theoretical underpinnings. Strategies for communicating effectively and efficiently with parents, as well as the most current and/or special issues in the field will also be discussed. Issues related to post-secondary transition will also be examined.
Prerequisites: A cumulative GPA of 2.75 and SPE 201.

TEC 200 Google© Educator Level One Training 3 Credits
This course will provide the skills and knowledge for pre-service teachers in undergraduate education to successfully take the Google© Educator Level One Exam.

TEC 201 Internet Ethics 1 Credits
This course focuses on using the Internet to explore and reflect on current ethical issues involving technology. These include individual privacy, legal issues such as fair use and copyright laws, and social issues such as bullying and social networking. Students will explore these topics using a variety of search engines and will reflect on the information found in terms of its impact on society as well as its appropriate uses in personal life, education and business. Pass/fail.

TEC 202 Smartboard 1 Credits
This course is designed to provide an opportunity for students to become familiar with the features and applications of Smartboard, an interactive whiteboard that can be used in classrooms and professional presentations. Students will gain experience using the touch screen and in integrating the features of the program into learning and professional materials. Pass/fail.

TEC 203 Desktop Publishing and Web Page Design 1 Credits
This course provides students with the ability to use desktop publishing software to create materials suitable for use in classrooms, professional settings, and personal use, and with the ability to design web pages. The course is appropriate for anyone who will be involved in designing classroom and student publications and for those who will use web pages in their teaching or personal lives. Discussion will be held on how to use desktop publishing and web page design in elementary and secondary school settings. A project involving application of various desktop publishing and web page design techniques will be completed and demonstrated to the class. Pass/fail.

TEC 204 Electronic Spreadsheets and Classroom Management Software 1 Credits
Basic electronic spreadsheet concepts and applications are taught using a major spreadsheet program. Topics include writing basic formulas, copying formulas, playing "What If," customizing a worksheet, and printing a spreadsheet. Discussions will be held on how to integrate spreadsheets into elementary and secondary classes and activities. Pass/fail.

TEC 206 Teaching and Presenting with Technology 1 Credits
This course covers designing, planning, and using technology enhanced instruction and presentations. Group assignments will enable students to explore uses of technology to enhance instruction and presentations. Collaboration will be encouraged when discussing the efficient and effective use of technology. Three collaborative group reports will be submitted dealing with discussion questions and chapter topics. Appropriate web sites and programs will be visited. Students will design a final original application that could be used to create motivation and visual learning in a specific classroom or other professional setting related to their major areas of study. Emphasis will be given to technology integration strategies. A final oral presentation of individual projects will be given.

TEC 207 Social Media for Education 3 Credits
Social Media for Education will introduce students to the structure and culture of social media and how social networking applies to the educational environment. This three-credit course will foster a deep understanding of how social media in education can benefit students, teachers, administrators, staff, and stakeholders.

TEC 307 Concepts Instuct Media & Tech 3 Credits
Designed to provide the student with familiarity and appreciation of the role of educational technology in the workplace as it applies to students, teachers, administrators, and trainers. The student will explore the Internet, various educational multimedia, distance learning, virtual reality environments, learning theories, and integration models. Appropriate developmental/reflective strategies will be incorporated with instruction. Although multimedia microcomputers will be utilized throughout the course, prior microcomputer knowledge and experience is not a critical element. Multimedia expertise will be developed as the course progresses.

TEC 308 Digital Tools for Teaching 3 Credits
Designed to enable the student to develop instructional presentations utilizing the advantages of multimedia technology. Each student will be required to create a multimedia portfolio that contains information presentations, cumulative records, presenter notes, work samples, photo library, video animation, and audio narration. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail. Expertise will be developed as the course progresses.

TEC 309 Instruct Media/Technology Management 3 Credits
Designed to develop technology management skills that can be used for individual classrooms, training centers, subject area specializations, grade levels, school laboratories, curriculum integration, administrative functions, system networks, community services, communication systems and connecting linkages between educational/work environments and home. Various management strategies will be explored and each student will have an opportunity to design, via a multimedia microcomputer, an instructional technology system of their choice along with a management plan. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail.
Prerequisite(s): At least six semester hours of technology courses or modules.

TEC 404 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners.
Prerequisite: SPE 201 or SPE 300.

TEC 407 New Literacies for New Learning 3 Credits
As we consider the rapid expansion of information and text it is timely to take a critical view of what literacy means and how it is influencing children's literacy development and the work of educators. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid/online course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for children's literacy development as well our own work as educators.

TEC 490 Independent Research and Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

Biochemistry

Program Overview

Students in the biochemistry major will find themselves taking part in small classes that encourage close and frequent interaction between students and professors, helping to create a stimulating learning environment.

Students in this major are offered abundant research opportunities (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/student-research/) both during the academic year and during the summer months. Faculty are engaged in research projects which lend themselves to undergraduate participation. In tackling the challenge of advanced and independent laboratory work, students begin to understand the nature of science and the scientific method. Participation in research by all students is strongly encouraged, as it builds a greater appreciation of the nature of their chosen field. The opportunity to perform independent research has motivated many students to continue their education either in an accredited graduate program or in a professional school in a number of medical fields.

Often, faculty and students jointly present their research results at national professional meetings, the Rider Independent Scholarly Research & Creative Activities Presentations (ISCAP) Day, or as written research papers submitted to scholarly journals.

Curriculum Overview

Core chemistry classes include one year of general chemistry, one year of organic chemistry, one year of biochemistry, three semesters of general biology and courses in quantitative analysis, physical chemistry and genetics.

Students also must earn advanced course credits at the 300 level or above in chemistry, biochemistry, biology or behavioral neuroscience. Independent research, BCH 490, is also a requirement of the biochemistry major.

Student Learning Outcomes

Graduates of the Biochemistry major will demonstrate the ability to:

1. Apply their chemical knowledge and make predictions about the outcome of fundamental chemical processes.
2. Generate and interpret raw data from standard research instrumentation and computational tools.
3. Utilize databases to locate relevant primary literature articles and evaluate the validity of resources.
4. Communicate data and advanced chemical concepts via meaningful and effective representations in both oral and written forms.

Degree Offered:

- B.S. in Biochemistry

Contact

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Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related programs:

- Chemistry (p. 104)

Biochemistry Major Requirements

(70 credits)

Code	Title	Credits
Required Courses:		
Biology		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
BIO 265	Genetics	4
Chemistry		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4

CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
CHE 305	Physical Chemistry I	3
BCH 325	Biochemistry	3
BCH 326	Biochem and Enzymology I Lab	1
BCH 4XX - Advanced 400-level Biochemistry Elective		3
BCH 430	Advanced Lab Techniques in Biochemistry.	1
BCH 490	Independent Study: Research and Creative Expression	3
Mathematics		**8**
MTH 210	Calculus I	
MTH 211	Calculus II	
Physics		**8**
PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 201 & 201L	General Physics II and General Physics II Lab	
Upper Level Electives		**4**
Students must take 4 more credits of upper level courses. These are courses at 300 level or above in BCH, CHE, BNS, or BIO (excluding extra credits in Independent Research and Study). At least one of the four credits must be connected to a laboratory course.		
Total Credits		**70**

Students wishing an ACS-certified degree in Biochemistry will need to take at least one additional course and four additional lab credits in chemistry or biochemistry. The additional requirements should be discussed with their academic advisor and/or the Department Chair.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 210	Calculus I [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115	Principles of Biology I	4
BIO 115L	Principles of Biology I Lab	0
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
MTH 211	Calculus II	4
CMP 125	Seminar in Writing and Research	3
BIO 116	Principles of Biology II	4
BIO 116L	Principles of Biology II Lab	0
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
CHE 211	Organic Chemistry I	4
CHE 211L	Organic Chemistry I Lab	0
BIO 260	Principles of Biology: Evolution, Diversity, and Biology of Cells	4
BIO 260L	Principle of Biology: Cells Lab	0
HIS 150	World History to 1500	3
Social Perspectives		3
	Semester Credit Hours	**14**
Spring Semester		
CHE 214	Organic Chemistry II	4
CHE 214L	Organic Chemistry II Lab	0
BIO 265	Genetics	4
BIO 265L	Genetics Lab	0
HIS 151	World History Since 1500	3
Social Perspectives		3
Philosophical Perspectives		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
BCH 325	Biochemistry	3
BCH 326	Biochem and Enzymology I Lab	1
PHY 200	General Physics I	4
PHY 200L	General Physics I Lab	0
CHE 250	Quantitative Analysis and Statistics Methods	4
CHE 250L	Quantitative Analysis and Statistical Methods Lab	0
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
BCH 400	Advanced Biochemistry.	3
BCH 430	Advanced Lab Techniques in Biochemistry.	1
PHY 201	General Physics II	4
PHY 201L	General Physics II Lab	0
Aesthetic Perspectives: Literature		3
Foreign Language		3
Elective Course [2]		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
CHE 305	Physical Chemistry I	3
BCH 490	Independent Study: Research and Creative Expression	3
Advanced Biochemistry Elective Course		3-4
Aesthetic Perspectives: Fine Arts		3

Elective Course [2]		3
	Semester Credit Hours	**15-16**
Spring Semester		
Advanced Biochemistry Elective Course		3-4
BCH 490	Independent Study: Research and Creative Expression (Optional but suggested.)	1-4
Three Elective Courses [2]		9
	Semester Credit Hours	**13-17**
	Total Credit Hours for Graduation	**121-126**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or a minor.

Courses and Descriptions

BCH 325 Biochemistry 3 Credits
Outlines the chemistry and biological function of carbohydrates, proteins, lipids, nucleic acids, vitamins, and enzymes, and introduces enzyme kinetics and biological energetics. Degradative metabolic pathways of carbohydrates and lipids, and their controlled interrelationships are discussed in detail.
Prerequisite(s): CHE 122, CHE 214 with a minimum grade of D.

BCH 326 Biochem and Enzymology I Lab 1 Credits
The laboratory work illustrates techniques and methods essential to the biochemist. Methods for quantification of proteins, purification of enzymes and determination of their kinetic parameters, polarimetry, and structure proof of carbohydrates. The lab must be taken concurrently with BCH 325 by biochemistry and biology majors, but is optional for others.
Prerequisite(s): CHE 123, CHE 214.

BCH 400 Advanced Biochemistry. 3 Credits
Continuation of Biochemistry I. Includes molecular analysis of biological membrane structure and function and a molecular level analysis of information flow from DNA through RNA to proteins. Other topics include mechanisms of hormone action and an expansion on metabolic concepts.
Prerequisite(s): BCH 325.

BCH 410 Metabolism and Bioenergetics 3 Credits
An examination of principles of energetics and chemical transformations as they pertain to metabolism. Students will explore general issues of bioenergetics and will delve into biochemical pathways of catabolism and anabolism of biological molecules, including key nutrients, and xenobiotic compounds, including drugs and toxins. Attention will be placed on the enzymes and cofactors that mediate critical metabolic transformations, and students will use the scientific literature to investigate mechanisms of regulation and integration of metabolic pathways as well as consequences of aberrant enzyme function to human disease.
Prerequisite(s): BCH 325.

BCH 415 Signal Transduction 3 Credits
Cells in multicellular organisms are in constant communication with each other. One way that cells communicate is through the sharing of chemical signals through a process called “signal transduction.” In this course, we will study the basic biochemical principles of signal transduction to better understand life on a molecular level. Topics to be covered include a broad overview of signal transduction mechanisms, including basic receptor theory and the use of second messengers; investigations into specific signaling strategies, including signaling via receptor ion channels, G protein-coupled receptors, and nuclear hormone receptors; and examinations of cellular mechanisms used to coordinate signaling spatially and temporally. Special focus will be placed on roles of signal transduction pathways in health and disease.
Prerequisite(s): BCH 325.

BCH 425 Medicinal Chemistry 3 Credits
A comprehensive description of the important principles of medicinal chemistry including principles of rational drug design with synthetic strategies, mechanisms of drug actions, structure-activity relationships, the absorption, distribution, metabolism and elimination of drugs. Specific classes of drugs to be discussed include: anticancer agents, analgesics, anti-inflammatory drugs, steroids, drugs acting on the nervous system and antibiotics.
Prerequisite(s): BCH 325 or permission of instructor.

BCH 430 Advanced Lab Techniques in Biochemistry. 1 Credits
Methods of protein analysis, building on techniques and principles learned in BCH 326. Students will use bioinformatics and molecular biological techniques, including PCR, to harness and change protein sequence. They will implement modern protein purification techniques, develop enzyme essays, and perform equilibrium binding assays to investigate the relationships among protein sequence, structure, and function.
Prerequisite(s): BCH 326.

BCH 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurement, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 260 Principles of Biology: Evolution, Diversity, and Biology of Cells 4 Credits
Lectures and labs focus on basic cell biology. Cell diversity and function, genetics and biotechnology are emphasized. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115/115L and BIO 116/116L or BIO 115, BIO 117, (BNS 118 or BNS 275).
Corequisite(s): BIO 260L.

BIO 260L Principle of Biology: Cells Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 260.

BIO 265 Genetics 4 Credits
A comprehensive course focusing on molecular, Mendelian, and population genetics. Topics covered will include molecular advances in the study of genetics, including genomics and bioinformatics; evolution and the effects of genetic mutations; the application of population genetics to forensic science; genetic problem solving, including genetic crosses and statistical analysis; and regulation of gene expression. The laboratory for this course will introduce students to commonly used genetic model organisms and basic molecular biology techniques. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265L.

BIO 265L Genetics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

CHE 211 Organic Chemistry I 4 Credits
The structure, chemical properties, and methods of preparation of the more important classes of carbon compounds are studied, with an emphasis on the relationship of structure, stereochemistry, and conformation to chemical reactivity. The preparation and reactivity of organic functional groups is introduced. The use of infrared and nuclear magnetic resonance spectroscopy, and mass spectrometry for elucidating structures of organic molecules is discussed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 120, CHE 121.
Corequisite(s): CHE 211L.

CHE 211L Organic Chemistry I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 211.

CHE 214 Organic Chemistry II 4 Credits
A continuation of Chemistry 211, emphasizing the mechanism of organic reactions, structural interpretations of properties, preparations, reactivity and identification of organic compounds. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): CHE 211 and CHE 211L.

CHE 214L Organic Chemistry II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 214.

CHE 250 Quantitative Analysis and Statistics Methods 4 Credits
This course will provide a deeper exploration of topics in chemistry that are steeped in numerical analysis. These topics include advanced analysis of equilibrium systems, acid-base systems and electrochemical systems. Additional detail will be given to methods of chemical measurement, statistical methods of data analysis and determination of data validity and reliability. Both lecture and laboratory will show an emphasis on using computer-based tools to analyze experimental data. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 122 & CHE 123
Corequisite(s): CHE 250L.

CHE 250L Quantitative Analysis and Statistical Methods Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 250.

CHE 305 Physical Chemistry I 3 Credits
The mathematic and conceptual foundations of physical chemistry will be introduced with an over-arching theme of determination of energy allocation within atomic and molecular systems. Topics will include determination and measurement of energy states in atoms and molecules, simple quantum mechanical systems, distribution of energies and the connection to thermodynamic quantities, the three laws of thermodynamics, spontaneity, equilibrium and experimental kinetics.
Prerequisite(s): CHE 122, CHE 214, MTH 211, PHY 201.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

MTH 211 Calculus II 4 Credits
The definite integral, differentiation of transcendental functions, methods of integration and approximate integration, determination of area, volume, and surface area.
Prerequisite(s): MTH 210 with a grade of C or higher.

PHY 200 General Physics I 4 Credits
Introductory classical physics; Newtonian mechanics, including the conservation laws, wave motion, gravity, thermodynamics. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 210 or concurrent enrollment
Corequisite(s): PHY 200L.

PHY 200L General Physics I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 200.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

PHY 201L General Physics II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 201.

Biology B.S. / Biology B.A.

Program Overview

Rider's biology major educates the next generation of scientists by providing students with a foundation in the life sciences that prepares them to join the workforce or attend professional or graduate school. Rider achieves this through small class and laboratory sizes allowing direct, hands-on instruction, and faculty accessibility. Students also have opportunities to do research with faculty via work study or independent study. Each student is assigned a faculty advisor who provides academic advice and career guidance tailored to the student's needs. Areas of professional and graduate study pursued by students in this major include medical, dental, and veterinary school; allied health programs such as optometry, podiatry, physical therapy, occupational therapy and nursing; programs leading to M.S. or Ph.D. degrees in the life sciences; and programs in science education.

Graduates of the biology program have pursued their graduate studies at prestigious institutions such as John Hopkins University, Cornell University, Princeton University, University of North Carolina at Chapel Hill, University of Pennsylvania, Harvard University, Dartmouth College and The Scripps Research Institute, among others.

Bachelor of Science Curriculum Overview

The curriculum for biology majors is structured to prepare students for a life of learning in the sciences. Students are expected to master content, develop technical skills, analytical skills and competency in oral and written communication. Foundational courses in biology, chemistry, physics and mathematics prepare students for the rigor of upper-level courses in microbiology, evolutionary biology, developmental biology, immunology, physiology, plant biology, ecology and neurobiology. Capstone seminars allow students to explore one area of the life sciences in depth through exploration and analysis of original scientific literature. Rider's science faculty are research-oriented and encourage students to take advantage of opportunities to engage in independent research. Students also have the opportunity to take part in a three-week internship course through the Capital Health System Hospitals, summer research and other off-campus internships.

Bachelor of Arts Option

The curriculum described above is for a Bachelor of Science program. All students admitted to the College of Arts and Sciences seeking a biology degree will be enrolled in the B.S. program consisting of 62-63 credits. However, there is the option to be enrolled in a Bachelor of Arts program in biology. This program consists of 52 credits in the major and is designed for students who may desire a biology degree, but do not have a full eight semesters to commit to the program. Such students may be those enrolled in the College of Education and Human Services, transfer students or students choosing a second major. However, students may not choose to double-major in the B.A. program in biology and a closely-related B.S. program such as Behavioral Neuroscience or Health Science.

Students seeking to enroll in the Bachelor of Arts program in Biology must consult with the Chair of the Department of Biology, Behavioral Neuroscience & Health Sciences before being considered for this program.

Student Learning Outcomes

Graduates of the Biology major will be able to:

1. Explain foundational concepts in biological sciences.
2. Apply scientific methods of inquiry through testing of newly formed hypotheses with observation and experimentation.
3. Apply concepts from other disciplines in the analysis and interpretation of biological information.
4. Demonstrate the ability to locate, critically analyze, and communicate relevant scientific information.
5. Explain the ethical practice of scientific research and its societal applications.

Honors Programs

Honors in Biology

The objective of the honors program in biology is to introduce talented undergraduate majors to the methods of basic research in the biological sciences. For consideration a student must have a 3.25 average at the end of their junior year. In the senior year, participating students must complete an independent research project and present a written honors thesis. At graduation a student who has a 3.25 cumulative average, a 3.5 average in biology courses, and who has completed an acceptable honors thesis will be awarded Honors in Biology.

Beta Beta Beta Biological Honor Society

"Tri-Beta" is a national honor society affiliated with the American Association for Advancement of Science and the American Institute of Biological Sciences. Invitations for membership are extended to majors in the life sciences who have demonstrated superior academic achievement. Students are usually invited to join in their sophomore year when they have accumulated 12 credits in the sciences. Active membership is available to those with an overall grade point average of at least 2.8, and at least 3.0 in their science courses. The benefits of membership include academic recognition; a subscription to the journal *Bios*, to which members may submit research articles; opportunities to present papers at conventions; and research awards. Biology and behavioral neuroscience majors should make membership in *Tri-Beta* one of their goals.

Pre-medical and Pre-allied Health Advising Programs

Students pursuing medical school or pre-allied health programs upon graduation from Rider are encouraged to consult with the department's pre-medical advisor. The pre-medical studies and pre-allied health advisor assists students with academic and extra-curricular planning required to become competitive applicants for programs in the health professions.

Rider and Thomas Jefferson University have a long-standing articulation agreement for students who wish to pursue training in the allied health professions. This agreement does not guarantee admission of Rider students into Jefferson's programs; it does mean that Rider faculty members are familiar with Jefferson's academic requirements and that Rider's courses are eligible for transfer to Jefferson.

Rider University offers students with baccalaureate degrees the opportunity to take the undergraduate science course prerequisites for medical, dental, veterinary or graduate school. For more information, visit the Premedical Studies (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/programs-opportunities/pre-med/) page.

Degree Offered

- B.S. in Biology
- B.A. in Biology
- Minor in Biology

Contact

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Professor and Chairperson

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School of Science, Technology and Mathematics

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Program Website: Biology B.S./B.A. (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/biology/)

Associated Department: Department of Biology and Behavioral Neuroscience (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/biology-behavioral-neuroscience-health/)

Related Programs

- Behavioral Neuroscience (p. 49)
- Biochemistry (p. 79)
- Chemistry (p. 104)
- Environmental Science (p. 246)
- Health Sciences (p. 319)
- Marine Science (p. 380)
- Mathematics (p. 399)

Requirements for the Major

All students admitted to the College of Arts and Sciences seeking a biology degree will be enrolled in the Bachelor of Science (B.S.) program consisting of 62-63 credits. However, there is an option to be enrolled in a Bachelor of Arts (B.A.) program in biology. This program consists of 52 credits in the major and is designed for students who may desire a biology degree, but do not have a full eight semesters to commit to the program. Such students may be those also enrolled in the College of Education and Human Services, transfer students, or students choosing a second major. However, students who double-major may not select the B.A. program in biology and a closely-related B.S. program such as Behavioral Neuroscience or Health Science.

Students students seeking to enroll in the Bachelor of Arts program in Biology must consult with the Chair of the Department of Biology, Behavioral Neuroscience & Health Sciences before being considered for this program.

Program Requirements for:
B.S. in Biology (p.)

B.A. in Biology (p.)
Departmental Course Repeat Policy (p. 86)

Biology B.S. Requirements for Arts and Sciences students

(62-63 credits)

Code	Title	Credits
Complete the following foundational courses:		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab [1]	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab [1]	4
Select five courses from Group I and Group II, with at least one course selected from each Group:		**20**
Group I		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	

BIO 350 & 350L	General Ecology and General Ecology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
MAR 325 & 325L	Marine Vertebrates and Marine Vertebrates Lab	
Group II		
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Animal Physiology and Animal Physiology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab	
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
BCH 325 & BCH 326	Biochemistry and Biochem and Enzymology I Lab	
Mathematics		
Select two of the following:		7-8
MTH 105	Algebra and Trigonometry [2]	
or MTH 106	Precalculus	
MTH 210	Calculus I [2]	
MTH 211	Calculus II [2]	
BNS 250	Biostatistics (plus lab) [2]	
or ENV 200	Statistical and Computer Applications in the Natural Sciences	
or MTH 120	Introduction to Applied Statistics	
Chemistry		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
Physics		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	4
or PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	4
or PHY 201 & 201L	General Physics II and General Physics II Lab	
Senior Capstone Seminar		**3**
Select one of the following:		
BIO 400	Seminar in Cellular and Molecular Biology	
BIO 420	Seminar in Organismal Biology	
BIO 416	Bioinformatics	
BIO 450	Seminar in Ecology & Evolution	
Total Credits		**62-63**

1

Students must earn a grade of "C" or better in these courses in order to meet the major requirement and before enrolling in upper-level courses for which these courses are prerequisites.

2

Students must place into MTH 105 Algebra & Trigonometry or higher level mathematics in order to register for BIO 115 and BIO 116.

Biology B.A. Requirements for other than College of Arts and Sciences students

(52 credits)

Code	Title	Credits
Requirements for the Major		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
BIO 265 & 265L	Genetics and Genetics Lab	4
BIO 350 & 350L	General Ecology and General Ecology Lab	4
Select one upper-level elective from the following:		**4**
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Animal Physiology and Animal Physiology Lab	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
BCH 325	Biochemistry	
BNS 310 & 310L	Neurobiology and Neurobiology Lab	

BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Senior Capstone		**4**
Select one of the following paths:		
BIO 490	Independent Study: Research and Creative Expression (4 credits)	
OR		
BIO 400	Seminar in Cellular and Molecular Biology	
or BIO 420	Seminar in Organismal Biology	
or BIO 450	Seminar in Ecology & Evolution	
AND		
BIO 491	Internship in Biology (as a lab facilitator (1 credit))	
Required Courses:		**8**
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	
Select two of the following:		**8**
MTH 105	Algebra and Trigonometry	
or MTH 106	Precalculus	
MTH 210	Calculus I	
BNS 250 & 250L	Biostatistics and Biostatistics Lab	
Select one of the following:		**4**
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	
Select one of the following:		**4**
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
PHY 200 & 200L	General Physics I and General Physics I Lab	
Total Credits		**52**

Department of Biology, Behavioral Neuroscience, and Health Sciences Course Repeat Policy

The following guidelines apply to courses offered by the Department of Biology, Behavioral Neuroscience, and Health Sciences. Students may repeat any biology (BIO), behavioral neuroscience (BNS), health sciences (HSC) or exercise science (EXS) course **once** without special permission unless they received an unsatisfactory grade (C-, D, F). With an unsatisfactory grade, students need permission from the dean's office to repeat a class. They can not register on their own on myRider. Students should email casdean@rider.edu and the department chair to request permission to repeat a course. A course will be considered repeated if the student has previously earned a letter grade in the course, or if the student has previously withdrawn from the course after the Friday of the seventh week of classes (previously Withdrawal II or Withdrawal III). To take a biology, behavioral neuroscience, health science, or exercise science course for a third time, written permission must be obtained from the dean's office and the department chair before the registrar will allow the student to enroll in that course.

Requirements for the Minor [1]

(20 credits)

Code	Title	Credits
Foundational Courses:		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab [2, 3]	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab [2, 3]	4
Select three courses from Group I and Group II, with at least one course selected from each Group:		**12**
Group I		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 350 & 350L	General Ecology and General Ecology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
Group II		
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Vertebrate Physiology and Vertebrate Physiology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Total Credits		**20**

1 Not available to Behavioral Neuroscience, Biochemistry, Health Sciences or Science Education majors.

2 Students must earn a grade of “C” or better in this course to meet the major requirements and before enrolling in upper-level courses for which these courses are prerequisites.

3

Students must place into MTH 105 Algebra & Trigonometry or higher level mathematics in order to register for BIO 115 and BIO 116.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 105	Algebra and Trigonometry [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
MTH 210 or BNS 250/BNS 250L	Calculus I or Biostatistics	4
CMP 125	Seminar in Writing and Research	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
HIS 150	World History to 1500	3
Social Perspectives		3
	Semester Credit Hours	**14**
Spring Semester		
BIO 265 & 265L	Genetics and Genetics Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
HIS 151	World History Since 1500	3
Social Perspectives		3
	Semester Credit Hours	**14**
Year 3		
Fall Semester		
BIO 265 or higher BIO/BNS Course & Lab (3 of 5)		4
Choose either sequence		**4**
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab [3]	
OR		
PHY 200 & 200L	General Physics I and General Physics I Lab	
Foreign Language		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**14**
Spring Semester		
BIO 265 or higher BIO/BNS Course & Lab (4 of 5)		4
Foreign Language		3
Select one of the following:		**4**
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
PHY 201	General Physics II	
Aesthetic Perspectives: Fine Arts		3
Philosophical Perspectives		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BIO 265 or higher BIO/BNS Course & Lab (5 of 5)		4
BIO 400	Seminar in Cellular and Molecular Biology	3
Three Elective Courses [2]		9
	Semester Credit Hours	**16**
Spring Semester		
Five Elective Courses [2]		15
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

Natural and Physical Sciences and Mathematics Core requirements are included in the major.

Courses and Descriptions

BIO 100 Life Science 3 Credits

An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 102 The Biology of Cannabis 1.5 Credits
In this course, you will learn about many aspects of the biology of cannabis, including botany, genetics, growth techniques, strain selection, and health benefits. Emphasis is placed on current methods in the marijuana industry to help legal growers and professionals understand best practices for cultivation, management, and medicinal use. Current literature and sources will be discussed.

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 210 Hospital Intern Program 2 Credits
An internship that provides students with the experience in the practical aspects of medicine. Major departments in the hospital such as the emergency room, operating room, clinic, radiology, and the laboratory will be open for student rotations. Field trips to various medical schools in the area will provide information on professional school educational opportunities available in the health professions.
Prerequisite(s): sophomore standing or above and permission of instructor.

BIO 215 Medical Microbiology 4 Credits
Biology of prokaryotes of medical interest with emphasis placed on diversity and host-pathogen interaction. Current research literature will be covered and presented by students. Methods of microbial identification are introduced in the laboratory and applied in the identification of mock clinical isolates. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course,
Corequisite(s): BIO 215L.

BIO 215L Microbiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 215.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

BIO 260 Principles of Biology: Evolution, Diversity, and Biology of Cells 4 Credits
Lectures and labs focus on basic cell biology. Cell diversity and function, genetics and biotechnology are emphasized. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115/115L and BIO 116/116L or BIO 115, BIO 117, (BNS 118 or BNS 275).
Corequisite(s): BIO 260L.

BIO 260L Principle of Biology: Cells Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 260.

BIO 265 Genetics 4 Credits
A comprehensive course focusing on molecular, Mendelian, and population genetics. Topics covered will include molecular advances in the study of genetics, including genomics and bioinformatics; evolution and the effects of genetic mutations; the application of population genetics to forensic science; genetic problem solving, including genetic crosses and statistical analysis; and regulation of gene expression. The laboratory for this course will introduce students to commonly used genetic model organisms and basic molecular biology techniques. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265L.

BIO 265L Genetics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265.

BIO 272 Intro to Marine Biology 4 Credits
Introduces students to the study of marine environments, emphasizing the diversity, ecology, and physiology of marine animals, algae, and plants. Aspects of the human impact on marine environments are also discussed. Prerequisite(s): BIO 115 or BIO 116 or BNS 118 and grade of "C" or better.
Corequisite(s): BIO 272L.

BIO 272L Marine Biology Laboratory 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 272.

BIO 290 Special Topics in Biology 3 Credits

BIO 300 Developmental Biology 4 Credits
Lectures and laboratories explore molecular, cellular, and genetic mechanisms of animal development. Aspects of gametogenesis, fertilization, induction, cytoplasmic determinants, morphogenetic movements, differentiation and developmental evolution are discussed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 300L.

BIO 300L Developmental Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 300.

BIO 305 Animal Physiology 4 Credits
Study of the principles and mechanisms of animal physiology. Topics include the nervous system, muscle physiology, cardiovascular physiology, respiration, gastrointestinal activity, renal function, and endocrine physiology. Lectures and laboratory exercises emphasize homeostatic mechanisms and organ-system interactions. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): BIO 115 and BIO 116 with a grade of C or better in each course.

BIO 305L Animal Physiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Prerequisite(s): BIO 115 and BIO 116 with a grade of C or better in each course.

BIO 310 Health and Ecology in Central America 3 Credits
This interdisciplinary course seeks to provide a unique educational experience for students to explore the relationship between human health, ecological health, and environmental concerns. Using a country in Central America as our focus (e.g., Costa Rica or Panama) we will begin by studying the health care system, including visits to several hospitals and clinics to see firsthand some of the challenges they face. We will also examine the ecotourism industry in the country, including visits to coffee plantations and a National Wildlife Refuge on the coast, again with a focus on environmental health challenges. We begin our exploration of these topics with three pre-departure meetings at Rider University during the Fall semester. We continue our experience with a ten-day trip to Central America during the January term and will meet for four additional class sessions during the Spring semester.

BIO 335 Plant Biology 4 Credits
Biology of seed plants, including growth, development, and reproduction of flowering plants. Emphasis is placed on acclimation and adaptations demonstrating environmental influences on plant structure and function. Current literature involving molecular mechanisms of control will be discussed. Three hours of lecture and one three-hour lab per week. One Saturday field trip. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C.
Corequisite(s): BIO 335L.

BIO 335L Modern Plant Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 335.

BIO 340 Evolutionary Biology 4 Credits
Where did we come from? This course will explore the generation of biological diversity on earth. Course topics will include: the history of evolutionary thought; the different lines of evidence and fields of inquiry that bear on our understanding of evolution; selection vs. random changes in populations over time; speciation; extinction; the molecular basis of evolution; and evolutionary developmental biology. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and BIO 260 with a minimum grade of C Co-requisite(s): BIO 340L.

BIO 340L Evolutionary Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and BIO 260 with a minimum grade of C Co-requisite(s): BIO 340.

BIO 350 General Ecology 4 Credits
An investigation of the processes that regulate the distribution of plants and animals throughout the biosphere. Relationships among species and their interactions with the environment are stressed. Quantitative analyses of experimental results and current research in basic and applied ecology are discussed. Laboratory activities explore conceptual models using both field activities and computer simulations. Three hours of lecture and one three-hour lab per week. One Saturday field trip (laboratory time will be adjusted accordingly). Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350L.

BIO 350L General Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350.

BIO 370 Immunology 4 Credits
An introduction to the cells and molecules of the immune system with emphasis on recent advances. Topics include AIDS, autoimmunity, transplantation, and cancer. Readings from current journals will be discussed and presented by students. The laboratory will introduce current research techniques and then apply these to a research problem with critical analyses of the data generated. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 260 with a minimum grade of C or BIO 117 with a minimum grade of C)
Corequisite(s): BIO 370L.

BIO 370L Immunology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 260 with a minimum grade of C or BIO 117 with a minimum grade of C)
Corequisite(s): BIO 370.

BIO 372 Behavior of Marine Organisms: Evolutionary Approach 4 Credits
An examination of the underlying mechanisms and evolutionary causes of behavior, including habitat use, feeding, and mate choice, particularly in marine organisms. The laboratory will involve collecting, analyzing and interpreting field data and performing experiments in the lab using a variety of marine organisms including fish and crabs. Three hours of lecture and one three-hour lab per week. Some full-day field trips (usually on a weekend) are required. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course.
Corequisite(s): BIO 372L.

BIO 372L Behavior of Marine Organisms: Evolutionary Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 372.

BIO 390 Special Topics in Biology 4 Credits
This course will provide students the opportunity to deeply explore a specialized topic in the broad field of biological sciences. The course entails 3 hours of lecture and 3 hours of laboratory per week, and may satisfy upper-level biology course requirements for the Biology, Behavioral Neuroscience, and/or Health Sciences majors. Examples may include such topics as ornithology, ethnobotany, entomology, neuroelectrophysiology, or exercise physiology, among other possibilities. Prerequisite(s): BIO 115/BIO 115L and BIO 116/BIO 116L.
Corequisite(s): BIO 390L.

BIO 390L Special Topics in Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 390.

BIO 400 Seminar in Cellular and Molecular Biology 3 Credits
Critical analysis of the scientific literature pertaining to current topics in cell and molecular biology. Topics may include: genomics, regulation of gene expression, development, and molecular processes of disease. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116, (BIO 260 or BIO 117) with a grade of C or better in each course, junior standing, and permission of instructor.

BIO 416 Bioinformatics 3 Credits
A comprehensive overview of relevant computer-based technologies used in genome research, DNA sequence analysis, and evolutionary biology. Will focus extensively on Internet resources and predictive algorithm usage for determining evolutionary relationships of organisms based on molecular evidence. Lectures will focus on terms and concepts frequently used in genomic and bioinformatic research, while computer labs will allow students to perform hands-on projects with actual DNA sequence data.
Prerequisite(s): BIO 115, BIO 116, (BIO 260 or BIO 117) with a grade of C or better in each course, junior standing, permission of instructor and BIO 265 recommended.

BIO 420 Seminar in Organismal Biology 3 Credits
Critical analysis of the scientific literature pertaining to current topics in physiology and organismal biology. Topics may include hormonal control of behavior, immune pathogen interactions, and other aspects of whole animal and/or plant biology. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course; junior standing, and permission of instructor.

BIO 450 Seminar in Ecology & Evolution 3 Credits
Critical analysis of the scientific literature pertaining to current topics in ecology and evolutionary biology. Ecology and evolution of terrestrial and aquatic systems may include scales of adaptation, mechanisms, or human impacts. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course; junior standing, and permission of instructor.

BIO 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BIO 491 Internship in Biology 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation. 2.5 GPA required.
Prerequisite(s): Permission of the instructor.

Business Administration B.S.B.A.

Program Overview

Rider's business administration major provides students with a general business focus, and is ideal for students who do not want to concentrate in a particular functional area, but instead intend to pursue one of the following goals:

- attend graduate school, such as law school or a MBA or Ph.D. program;
- enter a management training or marketing program with a future employer;
- enter a family business or start a new one.

Student Learning Outcomes

A business administration graduate will demonstrate the ability to:

- define the concepts of corporate social responsibility and business ethics;
- construct organizational strategies for implementing an effective ethics program for an organization;
- use oral communication effectively in a professional setting;
- use written communication effectively in a professional setting;
- apply a broad base of knowledge and skills that are necessary for a career in business;
- explain the impact that businesses and stakeholders have on one another in a given business enterprise.

Curriculum Overview

The Business Administration major requires completion of 18 credit hours of upper-level business courses across a variety of disciplines, including: economics, finance, management, and marketing. For graduation students must achieve an overall GPA of 2.0 in the major. Business Administration majors may not count more than six credit hours toward a second major, with the exception of International Business. Students majoring in Business Administration can count up to nine credit hours toward the International Business major.

Degree Offered

- B.S.B.A. in Business Administration

Contact

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Program Website: Business Administration (https://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/business-administration/)
Associated Department: Marketing, Advertising, and Legal Studies (p. 91)

Related Programs

- Business Data Analytics (p. 97)
- Entrepreneurial Studies (p. 240)
- Finance (p. 269)
- Global Supply Chain Management (p. 295)
- Health Care Management (p. 314)
- Human Resource Management (p. 333)
- Information Systems (p. 337)
- International Business (p. 344)
- Management and Leadership (p. 372)
- Marketing (p. 386)
- Sport Management (p. 532)

Business Administration Major Requirements

(18 credits)

Code	Title	Credits
Business Core [1]		
See Business Core Requirements (p. 573)		
Courses are to be selected as specified below:		**12**
One upper-level economics (ECO) elective		
One upper-level finance (FIN) elective		
One upper-level management (MGT) or human resources (HRM) elective		
One upper-level marketing (MKT) elective		
Two upper level business courses which may include:		**6**
BUS 490	Independent Research and Study	
BUS 491	Business Admin Internship	
Total Credits		**18**

1 Courses listed as core requirements may not be used for filling the requirements of the business administration major.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those

who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective [5]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective [5]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
Liberal Arts Elective [5]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
Leadership Elective		3
Business Admin Major Elective [3,4]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
MSD 301	Operations Management	3
Business Admin Major Elective [3,4]		3
Business Admin Major Elective [3,4]		3
Free Elective [3]		3
Liberal Arts Elective [5]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Business Admin Major Elective (International Business) [3,4]		3
Business Admin Major Elective [3,4]		3
Business Admin Major Elective [3,4]		3
Free Elective [3]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
Free Elective (International Business) [3]		3
Free Elective [3]		3
Free Elective [3]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Introduction to Business can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

4

Business Administration majors are required to take an upper level ECO Elective, an upper level FIN Elective, an upper level HRM/MGT Elective, an ADV/MKT Elective, and 6 credits of additional upper level business electives for a total of 18 credits.

5

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

3-Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [4]	3
CIS 185	Information Systems Essentials [4]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [3]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective [1]		3
	Semester Credit Hours	**3**

Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
Business Admin Major Elective		3
Business Admin Major Elective		3
Leadership Elective [2]		3
Free Elective (International Business)		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
Business Admin Major Elective (International Business)		3
Business Admin Major Elective		3
Business Admin Major Elective		3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
Business Admin Major Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

2

For the Leadership Elective, choose from LDP 200, LDP 220, LDP 398, MGT 355, or MGT 363.

3

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit course.

4

CIS 185 Information Systems Essentials and CBA 110 Introduction to Business can be taken in the Fall or Spring of Year 1.

Notes:

- The Plan assumes no AP or other credits were transferred into Rider University.
- Students are required to take 6 credits of International Business Electives which can be fulfilled as major courses or as free elective courses.
- Business Administration majors are required to take an upper level ECO Elective, an upper level FIN Elective, an upper level HRM/MGT Elective, an ADV/MKT Elective, and 6 credits of additional upper level business electives for a total of 18 credits.
- Business Honors students will have a different sequence.
- It is strongly suggested that students complete a credit-bearing experiential course (e.g., Internship, Co-op, Study Tour, Study Abroad, ENT 448, or ECO 450.)

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ACC 220 Managerial Uses of Accounting 3 Credits
This course provides an introduction to the use of accounting information in managerial decision-making. Topics include cost behavior, cost classifications, and problem-solving functions of accounting as they pertain to planning, control, evaluation of performance, special decisions, and budgeting. The interpretation of published financial statements and the statement of cash flow are also covered.
Prerequisite(s): ACC 210.

BDA 201 Introduction to Business Analytics 3 Credits
This course introduces students to the process of analyzing big data and discovering new information to support business decision making. The course covers descriptive, predictive, and prescriptive analytics. Some topics covered include data visualization, data forecasting, and data mining. This course provides students with the fundamental concepts and tools needed to understand the role of business analytics in organizations and shows students how to apply basic business analytics tools in a spreadsheet environment. It also includes how to communicate with analytics professionals to effectively use and interpret analytic models and results for making better business decisions. Emphasis is given on applications, concepts and interpretation of results. Students utilize Excel for data analysis.
Prerequisite(s): MSD 205.

BUS 300 The Legal and Ethical Environment of Business 3 Credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered.
Prerequisite(s): 54 credits.

BUS 400 Strategic Management and Policy 3 Credits
This capstone course for seniors in business administration provides a framework for problem identification, analysis, and decision making within the organization. Students are given the opportunity to integrate and apply previously acquired knowledge of accounting, decision sciences, economics, finance, marketing, management, and statistics. Case studies, critical incidents, and other appropriate techniques are utilized.
Prerequisite(s): 84 credits and ACC 210, ACC 220, BUS 300, CIS 185, FIN 220, MGT 201, MKT 200, MSD 301, and (CIS 385 or GSC 385).

CBA 110 Business in Action 3 Credits
This course will provide students with the opportunity to develop a foundational understanding of the business environment and various business functions. Students will be introduced to core concepts in accounting, e-business, finance, human resource management, information technology, macroeconomics, management, marketing, and production and operations management. In addition, the student will have ample opportunity to improve his/her communication and teamwork skills, as well as further develop problem-solving, analytical, and decision-making abilities through a Business in Action project.

CBA 212 Business Communications 3 Credits
Good communication is a vital skill in any environment where interpersonal interaction occurs. Communication skills do not, however, come naturally to everyone. This course introduces students to skills, practices, and strategies that will help them effectively communicate in the workplace and highlights the value of carefully documenting interactions between client and vendor. Students will engage in developmental activities intended to help them learn key aspects of communication, including, but not limited to: different formats of business writing (e.g., executive summaries, client and corporate correspondence, email messages, memos, reports, etc.); visual aids and presentations; active listening; small group facilitation; professional presence; and establishing credibility. Deliverables will include written documents and oral presentations, both individually and in teams. These skills cut across all disciplines and are qualitative tools that enhance overall career development.
Prerequisite(s): CMP 120 or BHP 100, and CMP 125 or BHP 150, and CBA 110 or CBA 110 with a score of WV.

CBA 236 Career Planning 3 Credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this couse. The meaning of work and the development of careers are discussed, and careers are examined in the context of important changes occurring today in the world of work. Students undertake self-assessments, learn career search strategies and resources, and enhance resume and interviewing skills to maximize their career preparation.

CIS 185 Information Systems Essentials 3 Credits
This course provides students with a conceptual understanding and hands-on practice with spreadsheets. At the completion of this course students will be able to apply the appropriate information systems technology tools within spreadsheets to a variety of quantitative data-centric analytic activities. This course assumes you have a basic knowledge of Microsoft Windows, Word, Excel, and Web browsers.

CIS 385 Management Information Systems 3 Credits
This course will enhance students' digital dexterity and familiarity with existing and emerging information technologies, emphasizing skills of abstraction in relation to digital strategy and organizational change, innovation, analytics, and ethics. This course will also provide hands-on experience with at least one essential business technology. At the completion of the course, students will have an understanding of the business-related, policy, societal, and ethical implications associated with modern information systems.
Prerequisite(s): CIS 185 and junior or senior standing.

CMP 120 Seminar in Writing and Rhetoric 3 Credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CMP 120 or BHP 100.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

MSD 301 Operations Management 3 Credits
This course introduces students to the concepts and techniques necessary to manage firm operations. The course emphasizes enhancing students' ability in problem-solving and decision-making by (1) identifying operations problems, (2) structuring decision-making process, (3) evaluating options that provide resolution of the problems using appropriate and proven techniques. It is well recognized that today's global business competition is among supply chains. Operations management concentrates on the supply side of the corporate strategy of a supply chain, where the bulk of the organization resources are committed. Good management of operations, which may also be called management of supply chain operations, is crucial in achieving an effective supply chain. The emphasis on systematic thinking and analytic decision model discussed the course will also provide students with necessary skills and useful tools in the emerging field of Business Analytics.
Prerequisite(s): MSD 200 or MSD 205 or MTH 341.

Business Administration A.A.

Program Overview

This 60-credit program was developed to meet the needs of students who need an abbreviated professional business curriculum. This program is fully transferable to the bachelor of science in business administration degree program.

Curriculum Overview

The associates degree program is designed to enable working professionals to gain knowledge and skills to succeed in the competitive job market. It includes courses in numerical literacy, communication, global awareness, business analytics, and technology.

Admissions Requirement

Official transcripts from all institutions attended with a minimum 2.5 cumulative GPA.

Degree Offered

- A.A. in Business Administration

Contact

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Program Website: A.A. in Business Administration (http://www.rider.edu/academics/colleges-schools/college-continuing-studies/programs-offerings/)

Associated College: College of Continuing Studies (http://www.rider.edu/academics/colleges-schools/college-continuing-studies/)

Business Administration (A.A.) Major Requirements

(60 credits)

Code	Title	Credits
Business Core		
ACC 210	Introduction to Accounting	3
ACC 220	Managerial Uses of Accounting	3
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
Numerical Literacy		
MSD 105	Quantitative Methods for Business	3
MSD 205	Business Statistics	3
BDA 201	Introduction to Business Analytics	3
Communication		
CMP 120	Seminar in Writing and Rhetoric	3
CMP 125	Seminar in Writing and Research	3
COM 290	Professional/Strategic Speech	3
Business Analytics and Technology		
CIS 185	Information Systems Essentials	3
Electives		
Humanities elective [1]		3
Natural science elective [2]		3
Social Science elective [3]		3
Liberal Arts Elective [4]		3
Free Electives		**15**
Total Credits		**60**

1

Select one course from: ART, CHI, CMP, DAN, ENG, FRE, GER, ITA, LIT, MUS, PHL, SPA, THE

2

Select one course from: BCH, BIO, BNS, CHE, ENV, GEO, ISM, MAR, SUS

3

Select one course from: AMS, COM, GND, HIS, HLS, LAW, MCS, POL, PSY, SOC, SOW

4

Choose from Social science, Humanities or Social Science electives.

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ACC 220 Managerial Uses of Accounting 3 Credits
This course provides an introduction to the use of accounting information in managerial decision-making. Topics include cost behavior, cost classifications, and problem-solving functions of accounting as they pertain to planning, control, evaluation of performance, special decisions, and budgeting. The interpretation of published financial statements and the statement of cash flow are also covered.
Prerequisite(s): ACC 210.

CIS 185 Information Systems Essentials 3 Credits
This course provides students with a conceptual understanding and hands-on practice with spreadsheets. At the completion of this course students will be able to apply the appropriate information systems technology tools within spreadsheets to a variety of quantitative data-centric analytic activities. This course assumes you have a basic knowledge of Microsoft Windows, Word, Excel, and Web browsers.

CIS 200 Application Development with JavaScript 3 Credits
In the early 1990s, Tim Berners-Lee created a set of technologies to allow information sharing at the CERN particle accelerator in Europe. These technologies dramatically changed the face of computing and became what we know today as the Web. Understanding how to develop and manage applications for the Web is a requirement for the information system professional. Because of the ease of development, deployment, maintenance and general scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using HTML and CCS, how to control user interaction with those pages using the JavaScript programming language. The programming basics of variable declaration and usage, program flow of control, function declaration and calling, and object usage and declaration will also be shown. The use of the JQuery Javascript library to ease the development of Web pages will also be shown.

CMP 120 Seminar in Writing and Rhetoric 3 Credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CMP 120 or BHP 100.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

Business Data Analytics

Program Overview

Due to technological advancements and exponential growth in data, businesses are increasingly relying on the use of analytics and artificial intelligence to create new opportunities, address business challenges and outperform their peers. Companies such as OpenAI (Microsoft), Tesla, Google (Alphabet), Facebook (Meta), Amazon, Netflix, and Spotify rise above their competition through continual innovations fueled by artificial intelligence and driven by actionable business insights uncovered from analyzing their data. With the increasing demand for professionals who are capable of sifting through zettabytes of data to uncover insights and find business value, there is a shortage of talent in the analytics space.

Student Learning Outcomes

A business analytics graduate will demonstrate the ability to:

- formulate a business problem through developing a hypothesis;
- apply various descriptive, predictive, and prescriptive analytics techniques;
- implement all steps in the business analytics (BA) process (e.g., CRISP-DM);
- convey the results of analytics through visualization, oral, and written communication;
- apply information technology knowledge and domain-specific business knowledge to solve a business analytics problem (e.g. Marketing);
- apply ethical, socially responsible, and global perspectives in business analytics projects and/or processes.

Curriculum Overview

The structure of the program consists of six required courses and two elective courses. The six required courses provide core data analytics skills that are ubiquitously applicable for all analytics professionals. The two electives provide various track options that allow students to customize their program of study based on their choice of career path and interest in a specific industry or a business functional area.

Another key feature of the program is its emphasis on experiential learning through course projects embedded in multiple required courses plus a practicum/capstone course that gives students the opportunity to apply their analytical skills to solve a real business problem and to communicate their findings to real-world clients.

Degree Offered

- B.S.B.A. in Business Analytics
- Minor in Business Analytics

Contact

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Business Data Analytics Major Requirements

(24 credits)

Code	Title	Credits
Complete the following required courses:		
BDA 205	Introduction to Visual Data Analytics	3
BDA 355	Business Analytics with Python	3
BDA 398	Business Data Analytics Practicum	3
CIS 330	Database Systems	3
CIS 350	Practical Business Analytics with Excel and R	3
CIS 360	Data Mining	3

Select two courses from one of the following tracks:		**6**
Accounting Track		
ACC 302	Cost Management	
ACC 320	Accounting Info Systems	
Marketing Track		
MKT 366	Marketing Research	
MKT 367	Marketing Web Analytics	
Finance Track		
FIN 312	Investments	
FIN 315	Financial Modeling	
FIN 360	Fixed Income and Derivatives	
Risk Management Track		
MSD 260	Principles of Risk Management	
MSD 361	Risk Assessment and Analysis	
CIS 377	Risk Management and Compliance for Information Security	
Artificial Intelligence and Machine Learning Track		
CIS 401	Artificial Intelligence for Business	
MSD 330	Predictive Modeling and Applications	
Global Supply Chain Management Track		
GSC 115	Introduction to Global Supply Chain Mgt.	
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	
GSC 355	Supply Chain Internal Focus: Firm Operations	
Health Care Management Track		
ECO 450	Seminar in Economic Research	
HTH 215	Population Health Care Management	
Sport Analytics Track		
SPT 250	Introduction to the Business of Sports	
SPT 322	Sports Analytics	
Total Credits		**24**

Business Data Analytics Minor Requirements

(15 credits)

The Minor in Business Analytics is open to all Rider students.

Code	Title	Credits
Prerequisite Courses		
CIS 185	Information Systems Essentials [1]	3
MSD 205	Business Statistics [2]	3
Required Courses		**9**
CIS 330	Database Systems	
CIS 350	Practical Business Analytics with Excel and R	
CIS 360	Data Mining	
Select two of the following:		**6**
ACC 320	Accounting Info Systems	
BDA 205	Introduction to Visual Data Analytics	
ECO 450	Seminar in Economic Research	
BDA 355	Business Analytics with Python	
FIN 315	Financial Modeling	
HTH 215	Population Health Care Management	
MKT 366	Marketing Research	
MKT 367	Marketing Web Analytics	
MSD 330	Predictive Modeling and Applications	
Total Credits		**15**

1

Business students pursuing the Business Analytics Minor are advised to take GSC 385 in lieu of CIS 385 for their business core.

2

For non-business students, the following courses may be used as a substitute for MSD 205: BNS 250, MTH 120, ENV 200, PSY 105, PSY 201, or POL 230.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2 [3]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
BDA 205	Introduction to Visual Data Analytics	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
CIS 350	Practical Business Analytics with Excel and R	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3

CIS 330	Database Systems	3
FIN 220	Introduction to Finance	3
International Business Elective [4]		3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BDA 355	Business Analytics with Python	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MSD 301	Operations Management	3
Liberal Arts Elective 3 [3]		3
Free Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
CIS 360	Data Mining	3
Major Elective		3
Liberal Arts Elective 4 [3]		3
International Business Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BDA 398	Business Data Analytics Practicum	3
BUS 400	Strategic Management and Policy	3
Major Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 and CBA 110 may be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or free electives.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1 [1]		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2 [1]		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective 3 [1]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
BDA 205	Introduction to Visual Data Analytics	3
CBA 212	Business Communications	3
CIS 350	Practical Business Analytics with Excel and R	3
International Business Elective [2]		3
Leadership Elective [3]		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
BDA 355	Business Analytics with Python	3
CIS 330	Database Systems	3

CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
Liberal Arts Elective 4 [1]		3
Major Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BDA 398	Business Data Analytics Practicum	3
BUS 400	Strategic Management and Policy	3
CIS 360	Data Mining	3
Major Elective		3
International Business Elective [2]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

2

Students are required to take six credits of International Business Electives.

3

Select from LDP 200, LDP 220, LDP 398, MGT 355, or MGT 363.

Notes:

- The above plan assumes no AP or other credits transferred into Rider University.
- Business Honors students may have a different course sequence.
- Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

Courses and Descriptions

BDA 201 Introduction to Business Analytics 3 Credits
This course introduces students to the process of analyzing big data and discovering new information to support business decision making. The course covers descriptive, predictive, and prescriptive analytics. Some topics covered include data visualization, data forecasting, and data mining. This course provides students with the fundamental concepts and tools needed to understand the role of business analytics in organizations and shows students how to apply basic business analytics tools in a spreadsheet environment. It also includes how to communicate with analytics professionals to effectively use and interpret analytic models and results for making better business decisions. Emphasis is given on applications, concepts and interpretation of results. Students utilize Excel for data analysis.
Prerequisite(s): MSD 205.

BDA 205 Introduction to Visual Data Analytics 3 Credits
This course will equip the students with the fundamental skills to perform visual data analytics. Students will learn how to prepare a dataset for visual analysis, create basic and advanced visualizations using Tableau, and "tell a story" using data visualization. At the completion of the course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience.
Prerequisite(s): CIS 185 and BDA 201.

BDA 355 Business Analytics with Python 3 Credits
Python has become essential for data analysis in recent years. Research shows that Python is the most popular and growing programming language for business analytics mainly because it is flexible, easy to learn, easily accessible due to its open-source nature, and well supported by plenty of useful analytics libraries since it is heavily used in industry and academy. This course provides students with the required knowledge of working with popular Python data analytics libraries such as Pandas, NumPy, Matplotlib, SciPy, and Scikit-Learn as well as basic programming with Python such as Python syntax, data structure, conditional statements, and functions. Some topics covered include data retrieval and manipulation with Pandas (Python's most popular library for data analytics) and SQL, data visualization with Matplotlib, statistical distributions with NumPy, hypothesis testing with SciPy, and multiple regression with Scikit-Learn.
Prerequisite(s): BDA 201.

BDA 398 Business Data Analytics Practicum 3 Credits
This course develops and sharpens the skills needed for a successful career in analytical business consulting, such as analysis, critical thinking, presentation, problem solving, and teamwork. This class will develop skills in each of these areas through discussion of the principles underlying best practices and feedback in a series of applied exercises and cases that will prepare students to obtain and succeed in analytical business consulting problems. The students will analyze the data provided by professionals from experts in the field, and they will present the project at the end of the semester.
Prerequisite(s): BDA 205 and BDA 201; Junior or Senior Standing; Completion of 12 credit hours in business analytics coursework or Permission of Instructor.

BDA 399 The Co-Operative Experience 6 Credits
This Co-Operative Experience will provide Business Analytics majors with supervised employment (approximately four months), where the students will have an opportunity to apply what they have learned in their business analytics and other business classes.
Prerequisite(s): Business Analytics major, Junior or Senior standing, GPA of 3.0 or above.

BDA 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and department chairperson. Available to juniors and seniors.

BDA 491 Business Data Analytics Internship 3 Credits
This Internship course will provide Business Analytics majors students with supervised employment (approximately two months), where the students will have an opportunity to apply what they have learned in their business analytics and other business classes.
Prerequisite(s): Business Analytics major, Junior or Senior standing, GPA of 2.75 or above.

CIS 330 Database Systems 3 Credits
This course involves the study of computer databases. Major topics include relational databases, use of the structured query language (SQL) to query relational databases, and design and maintenance of relational databases.
Prerequisite(s): CIS 185.

CIS 350 Practical Business Analytics with Excel and R 3 Credits
This is a required course for the Business Analytics major/minor. This course will provide the student with an opportunity to gain proficiency in analyzing and visualizing data using both Excel and R. The learning experience includes not only classic data tools, such as PivotTables, VLOOKUP, and data visualization, but also more advanced data tools such as descriptive statistics, inferential statistics, predictive analytics using R, and optimization using Excel Solver.
Prerequisite(s): BDA 201.

CIS 360 Data Mining 3 Credits
This course deals with modern technologies for data analysis. Hands-on exercises for data retrieval, data visualization and predictive analytics will be carried out using up-to-date methodologies and software tools. The full data mining life cycle will be covered from recognizing business problems and opportunities amenable to data mining analysis through deploying and monitoring solutions.
Prerequisite(s): CIS 185 with a minimum grade of D .

Business Basics

Overview

The Business Basics certificate program is designed for students holding an undergraduate degree in areas other than business. The 18–24 credit program includes courses in accounting, computing, economics, finance, legal studies, management and leadership, management science and marketing. The Business Plus certificate program (p. 102) will provide students with a good foundation toward the Master in Business Administration (p. 1345).

Admission Requirements

Minimum admissions requirements for the Business Basics programs are:

- a baccalaureate degree in an area other than Business;
- a 2.5 GPA in all undergraduate work.

Program Completion and Certification

Students must achieve a 2.5 GPA in their coursework with no grade lower than a "C" to successfully complete a Continuing Education Program certificate. Students leaving the Continuing Education Program for any other Rider undergraduate program before earning the certificate will not be eligible for the certificate.

Contact

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Business Basics Certificate Program Requirements

(18-24 credits)

Code	Title	Credits
Complete the following courses:		
ACC 210	Introduction to Accounting	3
BUS 300	The Legal and Ethical Environment of Business	3
CIS 185	Information Systems Essentials [1]	3
ECO 201	Principles of Microeconomics	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
MSD 105	Quantitative Methods for Business [1]	3
Total Credits		**24**

1 CIS 185 and MSD 105 may be waived based on prior equivalent work.

Note: If prior equivalent coursework has been completed, substitutions may be made using the courses from the Business Plus Certificate.

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

BUS 300 The Legal and Ethical Environment of Business 3 Credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered.
Prerequisite(s): 54 credits.

CIS 185 Information Systems Essentials 3 Credits
This course provides students with a conceptual understanding and hands-on practice with spreadsheets. At the completion of this course students will be able to apply the appropriate information systems technology tools within spreadsheets to a variety of quantitative data-centric analytic activities. This course assumes you have a basic knowledge of Microsoft Windows, Word, Excel, and Web browsers.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

Business Plus

Business Plus Certificate Overview

The Business Plus certificate program is designed for students holding an undergraduate degree in areas other than business. The 18 credit program includes courses in accounting, business analytics, economics, information systems, operations management, and statistics. The Business Plus certificate program will provide students with a good foundation toward the Master in Business Administration (p. 1345).

Admission Requirements

Minimum admissions requirements for the Business Plus certificate programs are:

- a baccalaureate degree in an area other than Business;
- a 2.5 GPA in all undergraduate work.

Degree Awarded:

- Business Plus Certificate

Contact:

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Business Plus Certificate Program Requirements

(18 credits)

Code	Title	Credits
ACC 220	Managerial Uses of Accounting [1]	3
CIS 385	Management Information Systems [2]	3
ECO 200	Principles of Macroeconomics	3
MSD 205	Business Statistics [3]	3
BDA 201	Introduction to Business Analytics	3
MSD 301	Operations Management	3
Total Credits		**18**

1 Prerequisiste: ACC 210

2 Prerequisite: CIS 185

3 Prerequisite: MSD 105

Program Completion and Certification

Students must achieve a 2.5 GPA in their coursework with no grade lower than a 'C' to successfully complete a Continuing Education Program certificate. Students leaving the Continuing Education Program for any other Rider undergraduate program before earning the certificate will not be eligible for the certificate.

Courses and Descriptions

ACC 220 Managerial Uses of Accounting 3 Credits
This course provides an introduction to the use of accounting information in managerial decision-making. Topics include cost behavior, cost classifications, and problem-solving functions of accounting as they pertain to planning, control, evaluation of performance, special decisions, and budgeting. The interpretation of published financial statements and the statement of cash flow are also covered.
Prerequisite(s): ACC 210.

BDA 201 Introduction to Business Analytics 3 Credits
This course introduces students to the process of analyzing big data and discovering new information to support business decision making. The course covers descriptive, predictive, and prescriptive analytics. Some topics covered include data visualization, data forecasting, and data mining. This course provides students with the fundamental concepts and tools needed to understand the role of business analytics in organizations and shows students how to apply basic business analytics tools in a spreadsheet environment. It also includes how to communicate with analytics professionals to effectively use and interpret analytic models and results for making better business decisions. Emphasis is given on applications, concepts and interpretation of results. Students utilize Excel for data analysis.
Prerequisite(s): MSD 205.

CIS 385 Management Information Systems 3 Credits
This course will enhance students' digital dexterity and familiarity with existing and emerging information technologies, emphasizing skills of abstraction in relation to digital strategy and organizational change, innovation, analytics, and ethics. This course will also provide hands-on experience with at least one essential business technology. At the completion of the course, students will have an understanding of the business-related, policy, societal, and ethical implications associated with modern information systems.
Prerequisite(s): CIS 185 and junior or senior standing.

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

MSD 301 Operations Management 3 Credits
This course introduces students to the concepts and techniques necessary to manage firm operations. The course emphasizes enhancing students' ability in problem-solving and decision-making by (1) identifying operations problems, (2) structuring decision-making process, (3) evaluating options that provide resolution of the problems using appropriate and proven techniques. It is well recognized that today's global business competition is among supply chains. Operations management concentrates on the supply side of the corporate strategy of a supply chain, where the bulk of the organization resources are committed. Good management of operations, which may also be called management of supply chain operations, is crucial in achieving an effective supply chain. The emphasis on systematic thinking and analytic decision model discussed the course will also provide students with necessary skills and useful tools in the emerging field of Business Analytics.
Prerequisite(s): MSD 200 or MSD 205 or MTH 341.

Cannabis Studies Certificate

Overview

The cannabis industry is one of the fastest-growing industries with a variety of employment opportunities throughout the country. In New Jersey there are currently 2,356 cannabis jobs, and that number is projected to climb up to 321,393 cannabis-related jobs within five years. Across the United States, there are an estimated 321,000 people working in the legal cannabis industry.

The 6 credit Cannabis Studies Online Certificate prepares students for roles that go beyond the budtender. Students will acquire industry experience and build connections through internship opportunities and affiliate programs. Those studying in close proximity to Rider's Lawrenceville, NJ campus can also benefit from easy access to the state capital of Trenton, Newark, and other major cities such as New York and Philadelphia, that offer opportunities for gaining experience and networking with local, state and federal governments.

After earning the certificate, students will possess the knowledge and credentials needed to help them stand out in this growing field. Potential roles students can explore include accounting and finance, communications, marketing and sales, management, public policy, government and law, research and development, and supply chain management.

Curriculum Overview

The eight-month cannabis industry online certificate program will consist of a series of four courses in the disciplines of biology, policy, and business taught by subject and industry experts. The courses will provide students with key knowledge about cannabis and about the rapidly expanding cannabis industry, and will better position them for successful entry into the field.

Certificate Offered:

- Certificate in Cannabis Studies

Contact

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Associated Department: Sociology and Criminology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/sociology/)

Related Programs

- Criminal Justice (p. 132)
- Education (p. 666)
- History (p. 323)
- Social Justice Through Civic Engagement (p. 509)

Cannabis Studies Certificate Requirements

(6 credits)

Code	Title	Credits
Complete the following courses:		
SOC 142	The Legal & Policy Dimensions of Cannabis	1.5
BIO 102	The Biology of Cannabis	1.5
BUS 150	The Business of Cannabis	1.5

SOC 143	From Plant to Profession: Practical Skills & Applications	1.5
Total Credits		**6**

Courses and Descriptions

SOC 142 The Legal & Policy Dimensions of Cannabis 1.5 Credits
In this course, you will learn about drug policy in the United States through the lens of cannabis. Theoretical and empirical arguments for, and consequences of, prohibition, and legalization will be considered with special attention to race, class, and gender. Opportunities and challenges springing from recent legal reforms and a rapidly expanding legal industry will be considered using a variety of cultural, legal, and academic sources.

BIO 102 The Biology of Cannabis 1.5 Credits
In this course, you will learn about many aspects of the biology of cannabis, including botany, genetics, growth techniques, strain selection, and health benefits. Emphasis is placed on current methods in the marijuana industry to help legal growers and professionals understand best practices for cultivation, management, and medicinal use. Current literature and sources will be discussed.

SOC 143 From Plant to Profession: Practical Skills & Applications 1.5 Credits
Put your new cannabis knowledge to use in real world settings! In this final skills-based course of Rider's Cannabis Studies certificate, you will expand on the initial knowledge you've obtained through completing Rider's foundational courses in business, biology, and the law. You will learn directly from key experts in the field, whose knowledge about key trends in the cannabis industry will prepare you to explore unmatched opportunities to enter the rapidly expanding cannabis industry. Content will expose students to cannabis horticulture, science, clinical practice, and legal compliance to prepare them to enter into a variety of cannabis industry positions.
Prerequisite(s): SOC 142, BIO 102, and BUS 150.

BUS 150 The Business of Cannabis 1.5 Credits
In this online course, you will learn about trends and best practices in the business operations of the cannabis industry. Emphasis will be placed on financial strategies, marketing, customer service, and the regulatory environment.

Chemistry B.S. / Chemistry B.A.

Program Overview

Students in the chemistry major will find themselves taking part in small classes that encourage close and frequent interaction between students and professors, helping to create a stimulating learning environment.

Students in this major are offered abundant research opportunities (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/student-research/) both during the academic year and during the summer months. Faculty are engaged in research projects which lend themselves to undergraduate participation. In tackling the challenge of advanced and independent laboratory work, students begin to understand the nature of science and the scientific method. Participation in research by all students is strongly encouraged, as it builds a greater appreciation of the nature of their chosen field. The opportunity to perform independent research has motivated many students to continue their education either in an accredited graduate program or in a professional school in a number of medical fields. Often, faculty and students jointly present their research results at national professional meetings, the Rider Independent Scholarly Research & Creative Activities Presentations (ISCAP) Day (https://www.rider.edu/academics/additional-programs/research-opportunities/iscap-day/), or as written research papers submitted to scholarly journals.

The Bachelor of Science (B.S.) program has been approved by the American Chemical Society (https://www.acs.org/) (ACS), which means that it is nationally recognized as providing adequate experimental skills, oral and written communication skills, and knowledge that prepares students to be future professionals in the chemical sciences. Chemistry students at Rider University have challenging and engaging experiences in the five areas of chemistry: analytical, inorganic, organic, physical chemistry, and biochemistry.

Curriculum Overview

Core chemistry classes include one year of general chemistry, one year of organic chemistry, quantitative analysis, biochemistry, physical chemistry and inorganic chemistry. Students must also take calculus and general physics I and II courses. Advanced chemistry courses include biochemistry II, medicinal chemistry, physical organic chemistry, chemical bonding, and more. Students must also earn four lab credits from the following courses: biochemistry I lab, biochemistry II lab, advanced organic synthesis and spectroscopy, computational chemistry lab, and physical organic chemistry.

Student Learning Outcomes

Graduates of the Chemistry major will demonstrate the ability to:

- Apply their chemical knowledge and make predictions about the outcome of fundamental chemical processes.
- Generate and interpret raw data from standard research instrumentation and computational tools.
- Utilize databases to locate relevant primary literature articles and evaluate the validity of resources.
- Communicate data and advanced chemical concepts via meaningful and effective representations in both oral and written forms.

Degrees Offered:

- B.S. in Chemistry
- B.A. in Chemistry
- Minor in Chemistry

Contact

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Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related programs:

- Biochemistry (p. 79)

Requirements for the Chemistry B.S. Major (p. 105)

Requirements for the Chemistry B.A. Major (p. 105)

Requirements for the Chemistry (B.S.) Major

(66 credits)

All students seeking a degree in chemistry through the College of Arts and Sciences will be enrolled in the Bachelor of Science (B.S.) program. The program is approved by the American Chemical Society (ACS) and students who graduate with the B.S. degree will be certified and recognized by the ACS.

Students who do not require certification by the ACS or who cannot use a full eight semesters to earn a B.S. in chemistry should consider the Bachelor of Arts (B.A.) degree.

Code	Title	Credits
Core Chemistry		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CHE 211	Organic Chemistry I	4
CHE 214	Organic Chemistry II	4
CHE 250	Quantitative Analysis and Statistics Methods	4
CHE 305	Physical Chemistry I	3
CHE 315	Inorganic Chemistry	3
CHE 316	Inorganic Chemistry Laboratory	1
CHE 325	Physical Chemistry Laboratory	1
CHE 330	Instrumental Analysis Laboratory	2
BCH 325	Biochemistry	3
Mathematics		**8**
MTH 210	Calculus I	
MTH 211	Calculus II	
Physics		**8**
PHY 200	General Physics I	
PHY 201	General Physics II	
Advanced Chemistry Courses		**9**
Select three of the following:		
BCH 400	Advanced Biochemistry.	
BCH 410	Metabolism and Bioenergetics	
BCH 415	Signal Transduction	
BCH 425	Medicinal Chemistry	
CHE 306	Physical Chemistry II	
CHE 320	Polymer Chemistry	
CHE 340	Environmental Chemistry	
CHE 400	Chemical Bonding	
CHE 415	Special Topics in Chemistry	
CHE 420	Physical Organic Chemistry [1]	
Advanced Laboratory Courses		**4**
Select four lab credits from the following: [2]		
BCH 326	Biochem and Enzymology I Lab	
BCH 430	Advanced Lab Techniques in Biochemistry.	
CHE 350	Advanced Organic Synthesis	
CHE 375	Computational Chemistry Lab	
CHE 420L	Physical Organic Chemistry Lab [1]	
Total Credits		**62**

1 CHE 420 counts as a three credit course and one lab credit only.

2 Lab courses count for one or two credits (see course descriptions).

Requirements for the Chemistry (B.A.) Major

(52 credits)

The Bachelor of Arts (B.A.) program consists of 52 credits in the major and is designed for students who may desire a chemistry degree, but do not have a full eight semesters to commit to the program. Such students may be those enrolled in the College of Education and Human Services, transfer students or students choosing a second major.

Students in the College of Education and Human Services who declare a second major in Chemistry will automatically be enrolled in the B.A. program. Other students seeking to enroll must consult with the chairperson of the Department of Earth and Chemical Sciences before being considered for this program.

The B.A. in Chemistry does explore the five sub-disciplines of chemistry and does have a laboratory component. However, the depth of student exploration in the chemical sciences is not sufficient enough to attain certification by the ACS.

Code	Title	Credits
Core Chemistry Courses		
BCH 325	Biochemistry	3
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
CHE 305	Physical Chemistry I	3
CHE 315	Inorganic Chemistry	3
Mathematics		**8**
MTH 210	Calculus I	
MTH 211	Calculus II	
Physics		**8**
Select one of the following tracks:		
PHY 200 & 200L	General Physics I and General Physics I Lab	

PHY 201 & 201L	General Physics II and General Physics II Lab	
OR		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
Advanced Chemistry Course		**3**
Select one course from CHE or BCH at the 300 level or above		
Advanced Laboratory Courses		**4**
Select laboratory courses from CHE or BCH at the 300 level or above. Some lab courses are 1-credit and some are 2-credit. See course descriptions for details.		
Total Credits		**52**

Chemistry Minor Requirements

(24 credits)

Code	Title	Credits
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CHE 211	Organic Chemistry I	4
Select twelve elective credits (including two labs) from the following:		
Chemistry or biochemistry courses at the 200 level or above, six credits of which must be at the 300 level or above. At least one course must be taken in three of the five disciplines: organic chemistry, inorganic chemistry, biochemistry, physical chemistry and analytical chemistry		12
Total Credits		**24**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 210	Calculus I [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**14**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
MTH 211	Calculus II	4
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
CHE 211	Organic Chemistry I	4
CHE 211L	Organic Chemistry I Lab	0
PHY 200	General Physics I	4
PHY 200L	General Physics I Lab	0
Social Perspectives		3
Elective Course		3
	Semester Credit Hours	**14**
Spring Semester		
CHE 214	Organic Chemistry II	4
CHE 214L	Organic Chemistry II Lab	0
PHY 201	General Physics II	4
PHY 201L	General Physics II Lab	0
Social Perspectives		3
Aesthetic Perspectives: Literature		3
Elective Course [2]		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
CHE 250	Quantitative Analysis and Statistics Methods	4
CHE 250L	Quantitative Analysis and Statistical Methods Lab	0
CHE 305	Physical Chemistry I	3
Lab Elective Course		1-2
Foreign Language		3
Philosophical Perspectives		3
	Semester Credit Hours	**14-15**
Spring Semester		
CHE 330	Instrumental Analysis Laboratory	2
CHE 325	Physical Chemistry Laboratory	1
Advanced Elective Course		3
Foreign Language		3
Aesthetic Perspectives: Fine Arts		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BCH 325	Biochemistry	3
CHE 315	Inorganic Chemistry	3
CHE 316	Inorganic Chemistry Laboratory	1
Advanced Lab Course		1-2
Two Elective Courses [2]		6
	Semester Credit Hours	**14-15**
Spring Semester		
Two Advanced Biochemistry or Chemistry Elective Courses		6
Advanced Lab Course		2

Three Elective Courses [2]	9
Semester Credit Hours	**17**
Total Credit Hours for Graduation	**119-121**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Note:

1. Math and Science general education requirements are included in the major.

Courses and Descriptions

CHE 100 Intro to College Chemistry 3 Credits
Open to all students, but designed primarily for those who wish to major in a science which requires chemistry but whose chemistry background is not sufficient to allow entrance into Chemistry 120. It focuses on the nomenclature used in chemistry including the symbols used to designate the chemical elements, the construction of chemical formulas, and the writing and balancing of chemical equations. Other topics will include interpreting the Periodic Table, the valences of the elements, the mole concept, and simple stoichiometry. In addition, chemical calculations involving units, scientific notation, significant figures, and the algebraic manipulations of simple equations will be included. Three hours of lecture per week. This course does not satisfy the requirements for the biochemistry or chemistry degree, but does satisfy the core requirements for education and business majors.

CHE 110 Survey of General Chemistry 4 Credits
A one-semester survey of basic general chemical principles designed to be applied to questions in health-related fields. Students will explore the fundamental structures of atoms and simple compounds that comprise living beings; basic patterns in chemical reactivity, especially oxidation-reduction and acid-base reactions; quantitative analyses of biologically-relevant compounds and chemical reactions; properties of substances; and kinetic and thermodynamic principles underlying such chemicals and chemical processes. In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts. No prerequisites. Students who have completed CHE 120 and/or CHE 122 will not be permitted to enroll in CHE110/110L. Furthermore CHE 110 will not serve as a prerequisite for CHE 122.

CHE 110L Survey of Gen Chemistry Lab 0 Credits
In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts.

CHE 114 Chemistry in the Kitchen 4 Credits
Chemistry permeates aspects of our daily lives in which we are often unaware. In this course, students will learn the core tenets of chemistry including atomic and molecular structure, bonding, intermolecular and macromolecular interactions, and chemical reactivity, and will personally investigate these properties in the context of cooking, baking, metabolism, and other kitchen-related activities. This 4-credit course will include a weekly 3-hour lab in which students will perform experiments that allow them to prepare dishes that illustrate key chemical concepts. As part of the course, students will collaborate with the Trenton Area Soup Kitchen to prepare and serve food to the community, as well as share their understanding about the chemical properties that are involved in the development of various dishes. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): CHE 114L.

CHE 114L Chemistry in the Kitchen Lab 0 Credits
This is the laboratory portion of CHE 114.
Corequisite(s): CHE 114.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

CHE 118 Exploration of Chemical Principles 4 Credits
A one-semester introduction to the principles of chemical sciences. Students will utilize inquiry-based learning methods to examine contextual problems as a means to explore introductory models and concepts of chemistry. Students will also gain an understanding of how scientific models are used to explain experimental observations. The laboratory component of this course is designed to provide students with an experimental context within which to develop some of the models described in the classroom. Three hours of lecture and one three-hour lab per week.

CHE 118L Exploration of Chemical Principles Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 118.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

CHE 211 Organic Chemistry I 4 Credits
The structure, chemical properties, and methods of preparation of the more important classes of carbon compounds are studied, with an emphasis on the relationship of structure, stereochemistry, and conformation to chemical reactivity. The preparation and reactivity of organic functional groups is introduced. The use of infrared and nuclear magnetic resonance spectroscopy, and mass spectrometry for elucidating structures of organic molecules is discussed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 120, CHE 121.
Corequisite(s): CHE 211L.

CHE 211L Organic Chemistry I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 211.

CHE 214 Organic Chemistry II 4 Credits
A continuation of Chemistry 211, emphasizing the mechanism of organic reactions, structural interpretations of properties, preparations, reactivity and identification of organic compounds. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): CHE 211 and CHE 211L.

CHE 214L Organic Chemistry II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 214.

CHE 225 Introduction to Organic and Biochemistry 4 Credits
An introductory course describing the basic principles of organic chemistry and biochemistry as they relate to human metabolism and disease. The nature of the chemical structure and reactivity of organic functional groups such as alcohols, aldehydes, ketones, carboxylic acids and amines will be presented with biological processes in mind. The biochemistry of the macromolecules DNA, RNA, proteins, carbohydrates and lipids will be discussed leading in to a discussion of some of the more important metabolic pathways. This course is intended for science majors who do not take the full two semester sequence of organic chemistry and two semesters of biochemistry and desire a background in biochemistry. Non-science major students who have had one semester of general chemistry and one semester of biology may also enroll in the course. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115 .

Corequisite(s): CHE 225L.

CHE 225L Introduction to Organic and Biochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115
Corequisite(s): CHE 225.

CHE 250 Quantitative Analysis and Statistics Methods 4 Credits
This course will provide a deeper exploration of topics in chemistry that are steeped in numerical analysis. These topics include advanced analysis of equilibrium systems, acid-base systems and electrochemical systems. Additional detail will be given to methods of chemical measurement, statistical methods of data analysis and determination of data validity and reliability. Both lecture and laboratory will show an emphasis on using computer-based tools to analyze experimental data. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 122 & CHE 123
Corequisite(s): CHE 250L.

CHE 250L Quantitative Analysis and Statistical Methods Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 250.

CHE 305 Physical Chemistry I 3 Credits
The mathematic and conceptual foundations of physical chemistry will be introduced with an over-arching theme of determination of energy allocation within atomic and molecular systems. Topics will include determination and measurement of energy states in atoms and molecules, simple quantum mechanical systems, distribution of energies and the connection to thermodynamic quantities, the three laws of thermodynamics, spontaneity, equilibrium and experimental kinetics.
Prerequisite(s): CHE 122, CHE 214, MTH 211, PHY 201.

CHE 306 Physical Chemistry II 3 Credits
Physical chemistry concepts are explored in more detail with emphasis on examination of systems that require multiple models in physical chemistry to explain. Topics will include, kinetic theory and transition state theory, statistical mechanics and its connections to thermodynamic functions, temperature dependence of spontaneity and equilibrium, the thermodynamics of condensed phases and multi-component equilibria, electrochemistry, multi-electron quantum mechanical systems, approximations in quantum mechanics, symmetry and advanced molecular spectroscopy.
Prerequisite(s): CHE 305, MTH 211.

CHE 315 Inorganic Chemistry 3 Credits
The periodic table as a tool for predicting the physical and chemical properties of chemical systems is developed and examined in conjunction with various theories of bonding, including valence bond, molecular orbital, valence shell electron repulsion, and ligand field theory. Emphasizes structure of crystalline solids, coordination compounds, reaction mechanisms, and structure-property relationships. Three hours of lecture per week.
Prerequisite(s): CHE 122, CHE 214.

CHE 316 Inorganic Chemistry Laboratory 1 Credits
Students will explore a variety of synthetic methodologies for the growth of inorganic molecular systems, and solid-state materials. A transition metal or main group metal plays a central structural role in all systems that will be examined. Modern analytical methods will be applied to characterize synthesis products, such as FT-IR spectroscopy, polarimetry, NMR, and powder X-ray diffraction analysis. Prerequisite(s): CHE 123, CHE 214.
Corequisite: CHE 315.

CHE 320 Polymer Chemistry 3 Credits
Designed to acquaint students with the structure and properties of polymers, the contrast between small molecules and polymers, methods of measuring molecular weight, the mechanism of polymerization, and the methods of fabricating polymers.
Prerequisite(s): CHE 211.

CHE 325 Physical Chemistry Laboratory 1 Credits
Measurements are made of physical properties of molecules and chemical dynamical processes. These measurements will be used to develop models which explain the physical chemical nature of the systems under examination. Experiments will utilize various instrumental techniques such as infrared spectrometry, nuclear magnetic resonance, fluorescence and UV/Vis spectrometry. One three-hour lab per week.
Prerequisite(s): CHE 250, CHE 305.

CHE 330 Instrumental Analysis Laboratory 2 Credits
This course is designed to give students practical experience using modern analytical instrumentation and to provide students with the background theory and principles of operation. The instrumental methods introduced in this course include: ultraviolet and visible spectroscopy, atomic emission spectroscopy, gas chromatography (GC), high performance liquid chromatography (HPLC), X-ray powder diffraction analysis and electrochemical analysis. This experimental laboratory course meets two times per week with three hours for each session. One session will be focused on instrumentation background theory and discussion and the other session will be experimental practice.
Prerequisite(s): CHE 214, CHE 250, PHY 201.

CHE 340 Environmental Chemistry 3 Credits
This course is an advanced quantitative and qualitative study of the sources of environmental pollutants, their chemical reactions and mechanism of formation, their fate in the environment, and ultimately their impact on environmental systems and services including ozone cycling, ozone hole formation, smog formation, heavy metals in drinking water, energy, and global climate change. This course will review scientific literature to identify advances in science and technology to combat these environmental problems. The course is aimed principally at chemistry majors, but other science majors that desire a chemical understanding of the environment and meet the course prerequisites are welcome. This course satisfies the global perspectives (GP) requirement at Rider University. Recommended courses include MTH 210 and CHE 250.
Prerequisite(s): (CHE 211 and 211L) or (BCH 225 and 225L) or (CHE 225 and CHE 225L) and MTH 105 or higher.

CHE 350 Advanced Organic Synthesis 2 Credits
The first of four experimental chemistry labs designed for chemistry majors. It presents the use of modern techniques, and instrumentation in organic chemistry, including distillation, chromatography, infrared, ultraviolet, nuclear magnetic spectroscopy, and mass spectrometry. Two three-hour labs per week.
Prerequisite(s): CHE 214.

CHE 375 Computational Chemistry Lab 2 Credits
This course will provide students with a means to explore various methods in computational chemistry. Basic computational methods will be developed from first principles and these methods will then be tested using various modeling and computational software packages. Methods will include, but are not limited to, molecular mechanics, semi-empirical molecular orbital calculations, ab initio methods, and density functional calculations. Students will be exposed to various computational software packages and the strengths and limitations of each methodology will be explored. The course will meet in a computer laboratory for two for three-hour lab periods a week.
Prerequisite(s): CHE 305.

CHE 400 Chemical Bonding 3 Credits
The effects of the chemical bond on the structure and properties of molecules are investigated. Molecular orbital theories of bonding are introduced. Emphasis is placed on group theoretical methods utilizing molecular symmetry to simplify the description of the electronic structure of molecules and to predict their geometric structures and reactivity. Three hours of lecture per week.
Prerequisite(s): CHE 305, MTH 212.

CHE 415 Special Topics in Chemistry 3 Credits
An advanced level of one or more areas of modern chemistry. Emphasis on research and the literature of an area of current importance. Three hours of lecture per week.

CHE 420 Physical Organic Chemistry 4 Credits
In-depth studies of the methods for elucidating mechanisms of organic reactions for students who have completed one year of organic chemistry and physical chemistry. Topics include conformational analysis, linear free energy relationships, frontier molecular orbital theory, transition state theory, and chemical reaction kinetics. Isotopic scrambling, kinetic isotope effects, NMR and IR spectroscopy, polarimetry, and ultraviolet-visible spectrophotometry will be employed to investigate these concepts. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): CHE 214, CHE 305.
Corequisite(s): CHE 214L.

CHE 420L Physical Organic Chemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 420.

CHE 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

CHE 491 Internship in Chemistry 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in a private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the students' overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Chinese

Program Overview

The Chinese minor is a valuable supplement to any degree programs in Business, Education, Music, and Arts and Sciences. It broadens your horizon, enhances your resume, and allows you to prepare for and pursue careers in business, government, education, translation, national security, military intelligence, communications, travel, and more. Many Rider students who graduated with a Chinese minor have shared with us their experience of how it gave them a competitive edge over other applicants and helped them get their dream job or to get accepted into the graduate program they applied for. In addition, a Chinese minor opens doors for you to teach or work in China, Taiwan, Singapore, Malaysia, and Hong Kong. Through a vigorous and exciting minor program, you will be ushered into a fascinating culture that is not only rich and colorful but also ancient and modern at the same time. And the minor curriculum may include study abroad or a travel course if you choose to do so.

A Surprising Fact: Chinese is comparatively easy to learn!

- No verbal conjugations needed (no need to memorize verb tenses)
- No noun declension needed (no gender or number distinctions)

Students in the Chinese minor will acquire an international perspective and a special intercultural sensitivity. Advanced foreign language skills combined with intercultural expertise increase the employment prospects of our students in the global marketplace.

Degree Offered

- Minor in Chinese

Contact

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Associated Department: Department of Languages, Literatures and Cultures (http://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/)

Related Programs

- French (p. 277)
- Spanish (p. 527)
- Chinese and Asian Areas Studies (p. 112)

Chinese Minor Requirements

(18 Credits)

Note: Our 18-credit minor creates a comprehensive learning experience with courses in Chinese language, culture, literature, composition, and phonetics and conversation. Students must receive a grade of "C" or better in courses required for the major or minor in the department. If a student receives a grade lower than "C" in a required course, the student must meet with his/her academic advisor to discuss the appropriate action that must be taken to remedy the situation.

Some of the requirements for the minor may be met by Study Abroad, upon agreement by the department. Students must enroll in at least one upper level course upon completion of a Study Abroad program.

Note that CHI 101 Chinese II counts towards the minor, which means you can use this course for both Foreign Language (Core) requirements and Chinese minor (double-dipping). Once you complete Chinese II, you are only 5 courses (15 credits) away from completing the minor.

Code	Title	Credits
Chinese		
CHI 101	Chinese II [1]	3
CHI 200	Chinese III [1]	3
CHI 201	Chinese IV [1]	3
Select three of the following:		9
IND 210	Global Encounters	
CHI 300	Advanced Chinese Reading and Composition	
CHI 307	Images of Women in Chinese Literature and Film	
CHI 310	Chinese Culture and Civilization	
CHI 311	Calligraphy As a Window to Chinese Language and Culture	
CHI 490	Independent Study: Research and Creative Expression	
CHI 500	Democracy, Revolution/Reform and Literary Movement in Modern China	
Total Credits		**18**

1

If original placement test is determined to be above these courses, 300- or 400- level courses may be taken instead.

Courses and Descriptions

CHI 100 Chinese I 3 Credits
This course is designed to foster mastery of the basic skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 101, the course provides a thorough foundation in basic Chinese grammar. Students will have opportunities to work extensively with audio and/or video resources/ materials and other technology, and above all, students from China. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): placement test if Chinese has been studied elsewhere.

CHI 101 Chinese II 3 Credits
A continuation of CHI 100. This course continues to foster mastery of the basic skills of Mandarin Chinese: speaking, listening, reading and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese I, the course provides a thorough foundation in basic Chinese grammar. Students will have opportunities to work extensively with audio and/or video resources/ materials and other technology and above all, students from China. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): CHI 100 or placement test.

CHI 200 Chinese III 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 201, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CHI 101 or placement test.

CHI 201 Chinese IV 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus is on communicative competency and accuracy. Together with CHI 200, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): CHI 200 or placement test.

CHI 300 Advanced Chinese Reading and Composition 3 Credits
This course develops Chinese reading and writing skills within a cultural context and aided by a systematic review and expansion of grammar and vocabulary. Using literary, journalistic, business and other sources, students learn various writing discourses and their Chinese variants including narration, description, exposition, and journalistic, business documentation and letter writing. Some translation is used to encourage linguistic analysis. Interviews with native speakers, Chinese Americans, and working with students from China enhance the cultural understanding of students necessary for meaningful reading and writing.
Prerequisite(s): CHI 201 or placement test.

CHI 307 Images of Women in Chinese Literature and Film 3 Credits
This course will introduce students to the (change of) status of women in China through literature and film. Students will explore the rich Chinese literary traditions and examine how the images of women are represented by both male and female writers/directors in fiction and film of different historical periods. In the process of such exploration and examination, students will also examine how the literary movements and their historical, social, cultural and political contexts shape, and are shaped by, each other. They will learn to understand how diverse the experiences of Chinese women are. While students will be exposed to both classic and modern/contemporary literary traditions, the focus will be on the latter, such as May 4th New Culture Movement, Maoist revolutionary literature, (Post-Mao) Wound/Scar Literature, Root-Searching Literature, etc. Classes are in English.

CHI 310 Chinese Culture and Civilization 3 Credits
This course introduces students to Chinese Civilization and Culture. Through reading, viewing, discussion, and presentation, students will have a chance to “experience” Chinese cultural riches and “interact with” its long history, religions, philosophies, literature and art, politics, as well as its different peoples and diverse customs. We will learn about China’s ancient dynasties and its cultural and aesthetic achievements in the past, and its modern revolutions, nationalism, communism, and post-Mao economic and political reforms today. We will also explore Chinese customs, particularly festivals, and try to gain an appreciation of different social relationships and diverse cultural practices. No knowledge of Chinese required. This course offers an optional TRIP TO CHINA during Spring Break or in May WHICH WILL EARN 3 ENGAGED LEARNING POINTS. Interested students must register for the travel course separately from taking CHI 310.

CHI 311 Calligraphy As a Window to Chinese Language and Culture 3 Credits
This course provides students with a chance to gain an intimate knowledge of Chinese language and culture through calligraphy. Students will learn the basic principles and techniques of writing Chinese characters with the writing brush. They will be introduced to the pronunciation, the composition and evolution of Chinese characters so that they will be able to read and understand what they write. Students will also learn how calligraphy is immersed in various aspects of Chinese culture. The main content of the course derives from examining applications of calligraphy to poetry, painting, and core concepts of Confucianism, Daoism and Buddhism. They will have a chance to cross time and space, having dialogues with Confucius, experiencing Buddhist bliss of final “awakening” or “enlightenment” and abandoning themselves to the Daoist spontaneous flow with the movement of Nature and the cosmos. No knowledge of Chinese language is required.

CHI 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

CHI 500 Democracy, Revolution/Reform and Literary Movement in Modern China 3 Credits
This course will exam representative works in modern and contemporary Chinese literature from the May 4th period to the "Red Classics Era" or to various Post-Cultural Revolution literary movements, situating them in their social, political, and historical contexts, exploring them as an imaginary space where various cultural and political values are contested, a space where modern Chinese identity is defined and redefined, and a space against which the trajectory of China's search for democracy and modernization is mapped. The literary movements that will be examined are May 4th Literary Movement at the beginning of the 20th century; Maoist / Communist Literature from 1949 to the Great Cultural Revolution (1966-1976); Wound/Scar Literature from the late 1970s to early 1980s; Root-searching literature from mid-1980s to the late 1980s; Postmodern Play Literature and Reform Literature from 1990s to the present.

IND 210 Global Encounters 3 Credits
This course provides students with an exposure to foreign cultures consisting of both travel and study components. Destinations may include countries in Europe, Latin America, or Asia. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. A travel fee is required. No foreign language skills are required unless otherwise indicated.

Chinese and Asian Area Studies

Program Overview

Chinese and Asian area studies is a multi-disciplinary minor that aims to provide students with a complex and interrelated knowledge base from which to understand China as a historical and cultural entity. The minor incorporates the study of language, the humanities and the social sciences. Students are encouraged to incorporate study abroad in their program and can complete the minor with an independent research project.

The minor, drawing on the breadth and strengths of departments in the Liberal Arts, will guide students into the field systematically through course work and education abroad opportunities as well as co-curricular activities such as lectures, symposia, colloquia, film festivals, and other events that will help students understand the matrix of Chinese culture. Students will come to understand China in its geographic, topographical and climatological richness; its linguistic, demographic, social, and other cultural formations; and its national and regional, social and political developments. Each student will work with an adviser to help them create a set of courses that provides a system and structure to the student's academic development.

Minor Offered

- Minor in Chinese and Asian Area Studies

Contact

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School of Humanities and Social Sciences
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Associated Department: Department of Languages, Literatures and Cultures (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/languages-literatures-cultures/)

Related Programs

- French (p. 277)
- Spanish (p. 527)

Chinese and Asian Area Studies Minor Requirements

(24 credits)

Code	Title	Credits
Chinese Language [1]		
CHI 200 & CHI 201	Chinese III and Chinese IV	6
Gateway Course		
CHI 310	Chinese Culture and Civilization	3
Area-specific Courses		
Select four or five courses from at least three disciplines and no more than two courses from any one discipline:		12-15
CHI 150	Chinese Culture and Basic Language	
CHI 300	Advanced Chinese Reading and Composition	
CHI 307	Images of Women in Chinese Literature and Film	
CHI 311	Calligraphy As a Window to Chinese Language and Culture	
COM 352	Chinese and American Intercultural Communication	
HIS 286	Modern East Asia	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
PHL 207	Asian Philosophy	
PHL 358	Chinese Philosophy	
SOC 341	Developing Societies	
Total Credits		**24**

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Students who place out of CHI 200 must take CHI 201 and one additional Chinese language course at the 300 or 400 level. Students who place out of CHI 200 and CHI 201 must complete one Chinese language course at the 300 or 400 level.

Notes:

1. Study Abroad or domestic experience within a Chinese linguistic context or business environment - study, service-learning or internships - may meet some of the minor requirements upon consultation with the student's advisor. Students must take at least one course in the Chinese and Asian Area Studies Minor upon completion of Study Abroad or a domestic experience as described above.
2. Independent Research and Study courses and Baccalaureate Honors courses may be substituted in consultation with the Area Studies Program director.
3. Students must receive a grade of "C" or better in courses required for the major or minor in the department. If a student receives a grade lower than "C" in a required course, the student must meet with his/her academic advisor to discuss the appropriate action that must be taken to remedy the situation.

Courses and Descriptions

CHI 150 Chinese Culture and Basic Language 3 Credits
This course integrates beginning-level functional Mandarin Chinese language skills acquisition with the knowledge of Chinese business practices and culture as well as hands-on information and strategies for successful inter-cultural encounters. Students gain practical basic language skills through classroom practice and the use of audio/video and computer materials. Readings, films, documentaries, and lectures in English by members of the business community enable students to integrate language acquisition with practical cultural knowledge and cross-cultural awareness. Examination of Chinese customs highlights social relationships and cultural practices. No knowledge of Chinese language is required. This course does not fulfill the CLAS foreign language requirement.

CHI 200 Chinese III 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 201, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CHI 101 or placement test.

CHI 201 Chinese IV 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus is on communicative competency and accuracy. Together with CHI 200, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): CHI 200 or placement test.

CHI 300 Advanced Chinese Reading and Composition 3 Credits
This course develops Chinese reading and writing skills within a cultural context and aided by a systematic review and expansion of grammar and vocabulary. Using literary, journalistic, business and other sources, students learn various writing discourses and their Chinese variants including narration, description, exposition, and journalistic, business documentation and letter writing. Some translation is used to encourage linguistic analysis. Interviews with native speakers, Chinese Americans, and working with students from China enhance the cultural understanding of students necessary for meaningful reading and writing.
Prerequisite(s): CHI 201 or placement test.

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CHI 310 Chinese Culture and Civilization 3 Credits
This course introduces students to Chinese Civilization and Culture. Through reading, viewing, discussion, and presentation, students will have a chance to "experience" Chinese cultural riches and "interact with" its long history, religions, philosophies, literature and art, politics, as well as its different peoples and diverse customs. We will learn about China's ancient dynasties and its cultural and aesthetic achievements in the past, and its modern revolutions, nationalism, communism, and post-Mao economic and political reforms today. We will also explore Chinese customs, particularly festivals, and try to gain an appreciation of different social relationships and diverse cultural practices. No knowledge of Chinese required. This course offers an optional TRIP TO CHINA during Spring Break or in May WHICH WILL EARN 3 ENGAGED LEARNING POINTS. Interested students must register for the travel course separately from taking CHI 310.

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COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

HIS 286 Modern East Asia 3 Credits
Examines the disintegration of the Ch'ing dynasty in China and the Tokugawa Shogunate in Japan under internal stresses and foreign incursions, and the varied experience of those states in coming to terms with the challenges of modernization and westernization. Covers political, economic, social, and cultural factors in China, Japan, and East Asia.

HIS 341 China in Revolution 3 Credits
Treats the Chinese Revolution in terms of political, economic, and social transformation.

HIS 342 Women in East Asia 3 Credits
Treats the history of the relationship between women and society in traditional East Asia and the modern transformation of their relationship.

PHL 207 Asian Philosophy 3 Credits
A survey of the principal philosophical perspectives of Asia. Emphasis on the traditional Indian schools of Hinduism, Jainism, and Buddhism, Chinese Confucianism and Taoism, and the development of Zen Buddhism in China and Japan. Philosophical topics include: mystical experience, the ultimate nature of reality, the existence of a soul, the causes of human suffering, and the possibility of release, the nature of virtue and its development, and the nature of society and government. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 358 Chinese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of China. Emphasis on the political philosophies of ancient China. Topics include: human nature and the development of virtue, the nature and purpose of government, and the cognitive value of mystical experience. Philosophers such as Confucius, Laozi, Xunzi, Mencius, Mozi, and Zhuangzi will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

SOC 341 Developing Societies 3 Credits
Examines theories explaining patterns of development; indicators and measures of social well-being; and problems such as population, hunger and environmental crises in developing countries. Focuses especially on patterns of development in Latin America or China.
Prerequisite(s): SOC 101.

Communication Studies

Program Overview

In Rider's Communication Studies program, students hone their writing, research, verbal and nonverbal communication skills, all of which are vital for people entering the communication fields. By stressing the importance of both verbal and nonverbal proficiency, the program provides students with the skills and confidence they need to become successful as they begin their careers. In addition, most students participate in internships in order to supplement classroom learning and move into their career of choice upon graduation.

Curriculum Overview

In addition to the department and major core courses, students can take a variety of courses that will allow them to delve into specific areas of interest. These particular interest areas include but are not limited to communication and culture, organizational communication, communication, and popular culture, or advocacy. In the capstone course, students bring together their research and presentation skills as they conduct comprehensive research on topics of their choosing, learning from faculty who themselves are researchers in the field.

Students also have the opportunity, even in their first year, to write and present academic research papers and showcase their work at undergraduate conferences both locally and regionally. Students graduate with the skills needed to critically analyze a problem, research possible answers, evaluate information, and report findings in an accessible manner. In a fast-changing world, these are invaluable skills.

Degree Offered

- B.A. in Communication Studies
- Minor in Communication Studies

Contact

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Program website: Communication Studies (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/communication-studies/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs:

- Public Relations (p. 482)
- Journalism (p. 346)
- Radio and Podcasting (p. 493)
- Sports Media (p. 538)
- Graphic Design (p. 301)
- Health Communication (p. 317)
- Social Media Strategies (p. 512)
- Event Planning and Production (p. 261)
- Political Communication (p. 447)
- Web Design (p. 561)

Communication Studies Major Requirements

(51 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core Courses		**21**
COM 105	Communication, Culture and Media	
COM 107	Writing for the Media	
COM 131	Fundamentals of Video Production	
COM 204	Advanced Speech Communication	
COM 264	Digital Media: Theory and Practice	
COM 301	Communication Law	
COM 302	Communication Ethics	
Communication Studies Major		
Required Courses		**24**
COM 201	Communication Theory	
or COM 205	Persuasion	
COM 207	Social Media and Social Change	
or COM 237	Rhetoric in the Digital Age	
COM 252	Intercultural Communication	
COM 318/GSS 318	Gender and Communication	
or COM 251	Interpersonal Communication	
COM 322	Argumentation and Advocacy	
or COM 304	Rhetoric for Politics and Law	
COM 348	Communication Research Methods	
COM 350	Team & Group Communication	
COM 452	Seminar in Communication Studies	
or COM 399	The Co-Operative Experience	
or COM 491	Internship in Communication	
Select two of the following courses:		**6**
COM 150	Introduction to Critical Media	
COM 221	Speaking for Broadcast and Digital Media	
COM 239	Script Writing for Comic Books	
COM 240	Public Relations	
COM 253	Organizational Communication	
COM 254	Intro to Health Communication	
COM 321	Stand Up Comedy	
COM 324	Political Rhetoric and Democratic Culture	
COM 325	Rhetoric of American Labor	
COM 330/FTV 330	Documenting Cultures Through Travel	
COM 353	Nonverbal Communication	
COM 355	Social Justice and Journalism	
COM 391	Communication Criticism	
COM 390	Communication and Society	
Total Credits		**51**

Notes

1. Students may not carry a double major within the department. Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.

2. If a student receives a grade lower than "C" in a course required in a major or minor in the department, the student must repeat the course. Credit will only be awarded once for a course that is repeatable. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Communication Studies Minor Requirements

(21 credits)

Code	Title	Credits
Select seven courses from the following		21
COM 104	Speech Communication	
COM 150	Introduction to Critical Media	
COM 201	Communication Theory	
COM 203	Introduction to Social Media	
COM 207	Social Media and Social Change	
COM 204	Advanced Speech Communication	
COM 205	Persuasion	
COM 221	Speaking for Broadcast and Digital Media	
COM 237	Rhetoric in the Digital Age	
COM 240	Public Relations	
COM 251	Interpersonal Communication	
COM 252	Intercultural Communication	
COM 253	Organizational Communication	
COM 254	Intro to Health Communication	
COM 290	Professional/Strategic Speech	
COM 304	Rhetoric for Politics and Law	
COM 318	Gender and Communication	
COM 321	Stand Up Comedy	
COM 322	Argumentation and Advocacy	
COM 324	Political Rhetoric and Democratic Culture	
COM 325	Rhetoric of American Labor	
COM 330	Documenting Cultures Through Travel	
COM 348	Communication Research Methods	
COM 350	Team & Group Communication	
COM 353	Nonverbal Communication	
COM 355	Social Justice and Journalism	
COM 391	Communication Criticism	
COM 393	International Communication	

COM 399	The Co-Operative Experience	
COM 452	Seminar in Communication Studies	
COM 491	Internship in Communication	
Total Credits		**21**

Notes:

1. Communication and Journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department. (Exception: If a student elects either the Advertising or Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.)

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 105	Communication, Culture and Media	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
Social Perspectives		3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language [1]		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 107	Writing for the Media	3
COM 201 or COM 205	Communication Theory or Persuasion	3
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 204	Advanced Speech Communication	3
COM 252	Intercultural Communication	3
COM 348	Communication Research Methods	3
COM 322 or COM 304	Argumentation and Advocacy or Rhetoric for Politics and Law	3
Elective Course Credit [2]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 207 or COM 237	Social Media and Social Change or Rhetoric in the Digital Age	3
COM 251 or COM 318	Interpersonal Communication or Gender and Communication	3
COM 301	Communication Law	3
Elective Course Credits [2]		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 350	Team & Group Communication	3
Elective Course Credits [2]		6
Communication Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
COM 452 or COM 491 or COM 399	Seminar in Communication Studies or Internship in Communication or The Co-Operative Experience	3
Communication Studies Elective		3
Elective Course Credits [2]		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance — that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements.
Prerequisite(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/ reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Computer Science

Program Overview

The Computer Science program at Rider is focused on providing a strong foundational education for its students. Students in this program enjoy small class sizes, dedicated faculty and the opportunity to apply their skills to real-world problems in a variety of settings. Computer science, with a focus on problem solving, optimization, collaboration and security, equips students to succeed in the workplace and in graduate school.

Curriculum Overview

Students studying computer science will develop a broad technical understanding of the field, and will gain a deep appreciation of computing and its functions. Students collaborate while applying their knowledge to real world problems. During the course of their studies, students will develop a passion for lifelong learning and a professional responsibility to uphold ethical behavior. Foundational classes in mathematics, physics and computer science prepare them for upper level courses on Computer Organization and Architecture, Operating Systems, Secure Software Engineering, Data Engineering and Parallel and Distributed Systems. Students are offered a variety of upper-level electives, including Human Computer Interaction, Cybersecurity, and internship opportunities. Rider's computer science faculty are engaged in research and students are encouraged to apply their computational skills to a variety of research projects in the sciences.

Student Learning Outcomes

Graduates of the Computer Science major will be able to:

1. Graduate with a broad technical understanding of computer science.
2. Graduate with a deep appreciation of computing and its functions.
3. Graduate with the ability to collaborate and apply their knowledge to real world problems.
4. Graduate with a passion for lifelong learning, professional responsibility to uphold ethical behavior.

Degrees Offered:

- B.S. in Computer Science

Contact

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Program Website: Computer Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/computer-science/)
Associated Department: Department of Computer Science and Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/computer-science-physics/)

Related programs:

- Mathematics (p. 399)
- Physics (p. 445)
- Cybersecurity (p. 140)

Computer Science Major Requirements

Note: A grade of 'C' or better is required in 100-level CSC or CYB courses.

(64 Credits)

Code	Title	Credits
Computer Science Core		
CSC 110	Computer Science I	3
CSC 120	Computer Science II	3
CSC 130	Data Structures and Algorithms	3
CSC 140	Discrete Structures	3
CSC 150	Cyber Ethics and Societal Impact	3
CSC 200	Introduction to Software Engineering	3
CSC 220	Computer Organization and Architecture	3
CSC 230	Probability for Computer Science	3
CSC 240 or CYB 200	Operating Systems Operating Systems & Cybersecurity	3
CSC 350	Analysis of Algorithms	3
Mathematics		
MTH 210	Calculus I	4
MTH 211	Calculus II	4
Physics		
PHY 200 & 200L	General Physics I and General Physics I Lab	4
PHY 201 & 201L	General Physics II and General Physics II Lab	4
Elective Courses		**6**
Select two of the following courses:		
CIS 270	Computer Networking [1,2]	
CSC 310	Theory of Computation	
CSC 320	Human-Computer Interaction	
CIS 330	Database Systems [1,2]	
CSC 380	Parallel and Distributed Systems	
CSC 490	Independent Research and Study	
CSC 491	Internship in Computer Science	
Track Requirements		**12**
Complete one of the following tracks:		
Track: Cyber Security		
CYB 240	Ethical Hacking and Penetration Testing	
CSC 250	Software Security Engineering	

CYB 260	Network Defenses and Countermeasures
CSC 340	Cybersecurity Essentials
Track: Artificial Intelligence	
CSC 360	Concept of Artificial Intelligence
CSC 400	Introduction to Machine Learning
CSC 410	Data Science and Big Data Analytics
CSC 470	Special Topics in Artificial Intelligence
Track: Software Engineering	
CSC 301	Software Requirements & Modeling
CSC 390	Software Design & Construction
CSC 420	Software Testing, Verification, and Validation
CSC 430	Software Quality Assurance
Track: General [3]	
Select two of the following:	
CSC 301	Software Requirements & Modeling
CSC 340	Cybersecurity Essentials
CSC 360	Concept of Artificial Intelligence
CSC 390	Software Design & Construction
Select two of the following:	
CSC 400	Introduction to Machine Learning
CSC 410	Data Science and Big Data Analytics
CSC 420	Software Testing, Verification, and Validation
CSC 430	Software Quality Assurance
CSC 470	Special Topics in Artificial Intelligence
Total Credits	**64**

1

This course is offered through the Information Systems, Analytics, and Supply Chain Management program in the Norm Brodsky College of Business.

2

CIS 185 pre-requisite is waived for CSC majors.

3

Students may also choose from the electives listed above, but are required to take unique courses (i.e., no double counting).

Computer Science Minor Requirements

(21 credits)

Code	Title	Credits
CSC 110	Computer Science I	3
CSC 120	Computer Science II	3
CSC 130	Data Structures and Algorithms	3
CSC 140	Discrete Structures	3
CSC 150	Cyber Ethics and Societal Impact	3
Select two of the following courses:		**6**
CSC 220	Computer Organization and Architecture	
CSC 230	Probability for Computer Science	
CSC 240	Operating Systems	
CSC 250	Software Security Engineering	
CSC 310	Theory of Computation	
CSC 320	Human-Computer Interaction	
CSC 340	Cybersecurity Essentials	
CSC 350	Analysis of Algorithms	
CSC 380	Parallel and Distributed Systems	
CSC 410	Data Science and Big Data Analytics	
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CSC 110	Computer Science I	3
CSC 140	Discrete Structures	3
MTH 210	Calculus I [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**16**
Spring Semester		
CSC 120	Computer Science II	3
CSC 150	Cyber Ethics and Societal Impact	3
MTH 211	Calculus II	4
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CSC 130	Data Structures and Algorithms	3
CSC 230	Probability for Computer Science	3
Social Perspectives		3
Aesthetic Perspectives: Literature		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Spring Semester		
CSC 200	Introduction to Software Engineering	3
CSC 220	Computer Organization and Architecture	3
CSC 240 or CYB 200	Operating Systems or Operating Systems & Cybersecurity	3
Social Perspectives		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
PHY 200	General Physics I	4
PHY 200L	General Physics I Lab	0
CSC Upper-Level Elective		3
CSC Track Elective		3
Foreign Language		3

Philosophical Perspectives		3
	Semester Credit Hours	**16**
Spring Semester		
CSC 350	Analysis of Algorithms	3
CSC Upper-Level Elective		3
PHY 201	General Physics II	4
PHY 201L	General Physics II Lab	0
Foreign Language		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
CSC Upper-Level Elective		3
CSC Track Elective		3
CSC Track Elective		3
Two Elective Courses [2]		6
	Semester Credit Hours	**15**
Spring Semester		
CSC Upper-Level Elective		3
CSC Track Elective		3
Two Elective Courses [2]		6
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**121**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or a minor.

Courses and Descriptions

CSC 105 Fundamentals of Computer Science 3 Credits
This course offers an introduction to fundamental areas of study in computer science - their applications, capabilities, and boundaries. Topics include computer organization, algorithms design and analysis, programming paradigms, software development process, operating systems responsibilities, applications, and communications. Hands-on python programming is also introduced in this course from a non-mathematical problem-solving point of view. Basic programming constructs include statements, expressions, variables, control structures, functions, and file operation.

CSC 110 Computer Science I 3 Credits
This course is an introduction to computer science and modern computing fundamentals. Students will develop programs and algorithms to solve a variety of problems posed in the natural sciences. Students will learn to code in Python, a widely adopted language, and learn the basics of algorithms, data types, program structure and development,
Prerequisite(s): MTH 105 or MTH 106 or MTH 210 or concurrent enrollment. MTH 210 or MTH 106 preferred for CSC majors.

CSC 120 Computer Science II 3 Credits
This course is an introduction to developing algorithms using abstract data types and the object-oriented methodology. Students will design and implement robust ADTs using Java, an object-oriented programming language. Students will learn how to develop their own algorithms and the best techniques for analyzing their performance. Students will be able to adapt the course knowledge to real world, practical challenges.
Prerequisite(s): CSC 110.

CSC 130 Data Structures and Algorithms 3 Credits
This course is a study of data structures and the algorithms used to process them. Topics include stacks, queues, lists, trees, graphs, sorting and searching techniques, recursive algorithms, and efficiency considerations. This course will give students a comprehensive study in data structures and algorithms which are the building blocks in programming.
Prerequisite(s): CSC 120.

CSC 140 Discrete Structures 3 Credits
This course is an introduction to the ideas and techniques from discrete mathematics as widely applied to Computer Science. Topics include sets, numbers, algorithms, logic, combinatorics, recursion principles, graph theory, trees, and discrete probability.
Prerequisite(s): MTH 105 or or concurrent enrollment or MTH 106 or concurrent enrollment or MTH 210 or concurrent enrollment.

CSC 150 Cyber Ethics and Societal Impact 3 Credits
This course will investigate the ethical and social challenges stemming from computing and telecommunication technology, as well as from mobile information-enabling devices. Topics include: cyber ethics, global and societal impact of the Internet, ethical analysis tools, ethical dimensions of computer system reliability, professional ethics, ethical frontiers in emerging technologies, privacy, security, intellectual property, cybercrime, and civil liberties in cyberspace. CSC 150 is a required course for CSC majors and minors. This course will be open to other math and science majors.
Prerequisite(s): CMP 120 or CMP 125 or BHP 100 or BHP 150 may be taken concurrently.

CSC 200 Introduction to Software Engineering 3 Credits
This course introduces software engineering ideas and concepts in the context of the software development life cycle. The course will discuss fundamental methodologies of software engineering, the Software Development Life Cycle (SDLC) and Unified Modeling Language (UML), which is a modeling language in the field of software engineering. It also concentrates on the five major phases of the SDLC: requirements engineering, requirements analysis, design, coding/implementation, and testing. Students will also learn about project management which is used for delivering high-quality software that satisfies customer needs and budgets. Prerequisite(s): Sophomore or Junior Standing
Prerequisite(s): CSC 120.

CSC 220 Computer Organization and Architecture 3 Credits
An introduction to the fundamental concepts of computer organization and architecture, this course explores how computer systems execute programs and manipulate data, working from the C programming language down to the microprocessor. Topics include: processor organization, Assembly and C programming languages, machine-level code, data representation, digital logic gates and Boolean algebra, computer arithmetic, code compilation, memory organization and management, interrupts, and performance evaluation and optimization. CS 220 is a required course for CS majors.
Prerequisite(s): CSC 130, CSC 140.

CSC 230 Probability for Computer Science 3 Credits
This course is an overview of probability theory and its application to computer science. Students will develop an understanding of combinatorics, variables, distributions, and parameter estimation. Applications to real world data and large datasets are also studied, with an introduction to machine learning.
Prerequisite(s): MTH 211 or concurrent enrollment.

CSC 240 Operating Systems 3 Credits
The course will study the basic concepts, design and implementation of operating systems. Topics to be covered include an overview of basic computing hardware components, operating system structures, process management, memory management, concurrency, resource allocation and scheduling, file systems, input/output systems, protection and security. CS 240 is a required course for CS majors.
Prerequisite(s): CSC 130.

CSC 250 Software Security Engineering 3 Credits
Secure software engineering focuses on both theoretical and practical perspectives in the development of software systems, exploring secure software design and development methods, software analysis, and reverse engineering. Emphasis is placed on security as part of the software engineering lifecycle, as well as on the correctness and robustness of code. CSC 250 is a required course for CS majors.
Prerequisite(s): CSC 200.

CSC 301 Software Requirements & Modeling 3 Credits
This course is intended to introduce students with the techniques for eliciting requirements. . The course will consider the past, present and future standards and approaches in requirements engineering. This course will specifically focus on identifying and analyzing requirements for various types of systems: embedded systems, consumer systems, web-based systems, business systems, systems for scientists and other engineers. Prereq(s): CSC 200.

CSC 310 Theory of Computation 3 Credits
This course introduces a formal framework for investigating both the computability and complexity of problems. Theoretical foundations of computer science and formal models of computation are covered. Students study several models of computation including finite automata, regular expressions, formal languages, Chomsky language hierarchy, context-free grammars and Turing machines. Topics include undecidable problems, the halting problem and the P versus NP problem.
Prerequisite(s): CSC 130 and CSC 140.

CSC 320 Human-Computer Interaction 3 Credits
This course presents Human-Computer Interaction (HCI) as a discipline that is concerned with technical advance, and that must integrate different disciplinary perspectives. Foundational theoretical issues deal with principles of human perception, visual representation and purposeful action, discussed in the context of novel interactive technologies and computer-based systems. It examines issues in the design of system interfaces from a number of perspectives: user, programmer, and designer.
Prerequisite(s): CSC 130.

CSC 340 Cybersecurity Essentials 3 Credits
This course is an in-depth study of the theories and practices for prevention of cyber attacks. Countermeasures discussed include education, encryption, virtual private networks, policies, practices, access controls, secure systems development, software assurance, verification and validation, firewall architectures, anti-virus, patching practices, personnel security practices, and physical security practices. Topics also include incident response, forensic investigations, business continuity plans, disaster recovery plans, and critical infrastructure protection.
Prerequisite(s): CSC 150.

CSC 350 Analysis of Algorithms 3 Credits
This course investigates methods for analyzing and designing efficient and reliable algorithms, emphasizing methods useful in practice. It introduces several algorithm design strategies that build on data structures and programming techniques learned in the introductory computer science course sequence. Topic coverage includes induction, divide-and-conquer, dynamic programming, network flow, randomization, complexity theory, greedy algorithms, searching and sorting algorithms, cryptographic algorithms, graph theory, hashing, and advanced data structures. CSC 350 is a required course for CS majors.
Prerequisite(s): CSC 130 and CSC 140.

CSC 360 Concept of Artificial Intelligence 3 Credits
This course offers an introduction to the basic principles, techniques, and applications of Artificial Intelligence. Topics to be covered include agent design, advanced search algorithms and heuristics, knowledge representation, logic, inference, game theory, advanced planning, and learning. Prereq(s): CSC 130 and CSC 230.

CSC 380 Parallel and Distributed Systems 3 Credits
Widely deployed in scientific computing centers and commercial data centers, large-scale parallel and distributed systems (PDS) are crucial to scientific discovery, business success, national security, and technology innovation. This course examines the design and analysis of large scale computing systems for processor- and data-intensive applications with the focus on the technologies and factors that impact the performance, power, resilience, and scalability of modern parallel and distributed systems. Topics include the organization of multicore computers, parallel computer clusters, computing grids, supercomputers, client-server systems, and peer-to-peer systems; computer networks and network protocols; network security; multithreaded programming; and network programming.
Prerequisite(s): CSC 220 and (CSC 240 or CYB 200).

CSC 390 Software Design & Construction 3 Credits
This course introduces students to software design methodologies and also equips them with the knowledge and skills necessary to design large-scale software and to improve the quality of end products. Design techniques and methodologies for improving the productivity of software development and the quality of software are introduced. The course explores fundamental design concepts and notations with emphasis on Unified Modeling Languages (UML) and design patterns.
Prerequisite(s): CSC 200.

CSC 400 Introduction to Machine Learning 3 Credits
This course focuses on the fundamental concepts, theories, and algorithms for machine learning. The course briefly covers topics in supervised, unsupervised, reinforced, and deep learning including clustering, association, regression, neural network, support vector machines, Bayesian decision theory, decision trees, ensemble learning-the nearest neighbor algorithm and random forest.
Prerequisite(s): MTH 240 and CSC 360.

CSC 410 Data Science and Big Data Analytics 3 Credits
This course serves as an introduction to the interdisciplinary and emerging fields of data science and big data analytics. Students learn to combine tools and techniques from computer science, statistics, data visualization and the social sciences to solve problems using data. Central themes include: the data science and data analytics processes; advanced analytical theory and methods; tools for working with both big and small datasets, statistical modeling, and machine learning. Specific topics and tools include: data wrangling and munging, machine learning algorithms, statistical models, data visualization, NoSQL, Weka, RapidMiner, R, Python, Hadoop, and MapReduce.
Prerequisite(s): CSC 360.

CSC 420 Software Testing, Verification, and Validation 3 Credits
This course discusses the concept software quality assurance and source code review. This course will help students understand the testing concepts and how they can easily apply the concepts to any software testing situation. This course presents the concepts and techniques for testing software and assuring its quality. Concepts that are taught as part of this course are software testing at the unit, module, subsystem, and system levels, automatic and manual techniques for generating and validating test data, the testing process, static vs. dynamic analysis, functional testing, web application testing, and reliability assessments.
Prerequisite(s): CSC 200.

CSC 430 Software Quality Assurance 3 Credits
The course aims to teach the basics of quality management in software development projects. Students will learn the definitions of quality of software product and software process. Students will learn about software quality assurance, software metrics and models in quality management, internal quality and external quality.
Prerequisite(s): CSC 420.

CSC 470 Special Topics in Artificial Intelligence 3 Credits
This is an upper level undergraduate course that covers advanced topics in Artificial Intelligence. Topics vary from one offering to the other. Topics that may be discussed include: Artificial Intelligence/ Machine Learning for Cybersecurity, Computer Vision, Robotics and Automation, Game Theory, Planning and Acting in the real World, Deep Learning, Reinforcement Learning, Decision-making under uncertainty, Image Processing, and Natural Language for Communication.
Prerequisite(s): CSC 360.

CSC 490 Independent Research and Study 3 Credits
Immerses the student in guided research. The student learns to organize material, use the literature, obtain reproducible data, and synthesize the results of the study. If possible, the student will publish the results or present them at a scientific meeting. Available to Junior or Senior students or Sophomores with permission of the department chair.

CSC 491 Internship in Computer Science 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester. Available for juniors and seniors.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Creativity and Innovation Certificate

Overview

In today's ever-changing and competitive economic landscape, creativity and innovation are prerequisites not only for success but for survival at the organizational level and job marketability at the individual level. The ability to adapt to change and deal with uncertainty and constraints creatively becomes critical for securing a good entry job and subsequently becoming successful in the workplace.

The proposed certificate aims to develop an important skillset in Rider students, namely, thinking and acting creatively, whether for problem-solving or innovation purposes. More generally, it aims to better prepare the students to navigate uncertain and ever-changing environments and to rise to these challenges in their professional careers.

Certificate Offered

- Certificate in Creativity and Innovation

Contact

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Requirements for the Creativity and Innovation Certificate

(11-12 credits)

Code	Title	Credits
Select one of the following courses (3 credits):		**3**
PSY 100	Introduction to Psychology	
PSY 102	Explorations in Psychology Honors	
PSY 110	Psychology:The Science of Well-being	
PSY 117	Psychology of Creativity	
Required two courses (6 credits):		

PSY 210	Organizational Psychology	3
PSY 367	Creativity and Innovation	3
Select one elective course from the following (2-3 credits):		**2-3**
Select from the following:		
Any course with the designation *490 Independent Research and Study		
Any course from among the following pre-approved Creativity and Innovation electives:		
ART 150	Digital Foundations	
BHP 251	Idea to Innovation	
BHP 252	Creativity and Design Thinking	
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity	
CIS 388	Design Thinking	
ENG 206	Introduction to Creative Writing	
ENG 245	Creativity	
ENG 303	Creative Writing: Poetry	
ENG 304	Creative Writing: Fiction	
ENG 305	Creative Writing: Nonfiction	
ENG 306	Creative Writing: Drama	
ENG 311	Creative Writing: Playwriting	
ENT 100	Innovation and Entrepreneurship	
IND 133	Creativity: Edu & Psych Persp	
ME 592	Creativity & Music Technology	
PSY 324	Play and Imagination	
THE 118	Visual Imagination	
Any internship experience or 2-3 credit course not listed above that has a strong, demonstrable creativity/creative problem solving/innovation component, as approved by the Program Chair.		
Total Credits		**11-12**

Courses and Descriptions

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 102 Explorations in Psychology Honors 3 Credits
The course introduces the history of psychology, and demonstrates how the discipline is a science. It provides students with experience exploring the mind, behavior, and the relationship between the two, from multiple perspectives, including biological, behavioral, cognitive, developmental, humanistic, social, and abnormal. It tackles questions including (but not limited to) how different areas of the brain are involved in behavior and are affected by injury, how humans sense and perceive the world, how states of consciousness differ from one another, how humans learn, remember, communicate, and develop, what motivates humans to behave in particular ways, how social groups affect behavior and decision-making, and what happens when behavior and emotions deviate from what is typical.

PSY 110 Psychology:The Science of Well-being 3 Credits
This course uses theory and methods of psychology to examine the question: How to make a good life? Students will learn how psychology examines the ways that motivation, intellect, relationships, self-respect and a healthy lifestyle contribute to happiness, well-being, and flourishing. Students will learn how psychology examines human nature through observation and experimentation. Students will understand how psychology applies research to improve human well-being. Students will leave the course with a better understanding of themselves and their connection to others, and apply their self-knowledge to their personal goals and relationships. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 117 Psychology of Creativity 3 Credits
Is creativity reserved only for geniuses, or can ordinary individuals also be creative? Is it domain-specific or domain-general? How do we measure it? What is the connection between creativity and innovation? Can you and I become more creative, and if so, what factors influence creative thinking? This course surveys the modern theories of creativity and problem solving from a psychological perspective, and their applications to real-world challenges. Specific topics will focus on convergent and divergent thinking, the role of constraints, change, and motivation in creativity, social and personality factors, techniques such as brainstorming, design thinking, and creative problem solving, and innovation in organizations. You will apply what you have learned in hands-on activities that challenge you to propose creative solutions to real-world problems.

PSY 210 Organizational Psychology 3 Credits
Focuses on issues related to human behavior in work settings. Topics include personnel issues such as hiring and promotion decisions, performance appraisals, and methods of on-the-job training. Issues of job satisfaction, motivation, productivity, and effective leadership styles are also examined. Finally, organizational structure as it relates to communication within organizations will be examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 367 Creativity and Innovation 3 Credits
What is creativity, and how do we measure, study, and enhance it? This course will survey the modern theories of creativity from a psychological perspective, with an emphasis on the processes that underlie creative thinking and the variables that influence creative idea generation. Specific topics will include: convergent and divergent thinking, the role of the unconscious in creative ideation, flow and mindfulness, individual and group creativity, techniques such as brainstorming and creative problem solving, the neuroscience of creativity, the role of motivation, and creativity and innovation in organizations. Discussions of theoretical findings will be complemented by in-class activities and assignments that highlight applications to day-to-day living and to larger-scale challenges that require creativity and innovation.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

ART 150 Digital Foundations 3 Credits
Industry standard digital tools are used to explore the basic concepts of composition, form, texture, value, and color in two-dimensional design. Further consideration of digital formats and technologies in the visual arts will be highlighted.

BHP 251 Idea to Innovation 3 Credits
The pharmaceutical industry comprises an incredibly diverse team of thinkers, including accountants and biochemists, who are all on a quest to improve human health. The development of medical treatments relies on pivotal insights from the scientific laboratory, but turning these ideas into practical medical innovations requires the solving of many problems outside of the scientific field. Through the examination of historical and contemporary case studies, this course will investigate the nature of science as it is practiced in the real world. How are problems identified and ideas generated and refined? What political and sociological challenges does the industry encounter? Who pays for all of this? By exploring growth in the pharmaceutical industry from the inside, students in this class will gain a deeper understanding of both science and business and how these disciplines interact in order to enhance and extend human life.

BHP 252 Creativity and Design Thinking 3 Credits
Creative, interdisciplinary, and collaborative work is being recognized as increasingly important for innovation and solving global problems of the 21st century. This course will introduce students to a much-needed framework for dealing with unstructured problems for creative problem solving, and a process for innovation. The course consists of two related parts: the psychology of creativity provides a foundational basis of knowledge and discussion, and the design thinking framework serves as an example of a powerful creative thinking strategy that an increasing number of individuals and organizations have used successfully over the past decade.
Prerequisite(s): BHP 100 or CMP 120; non-BHP students POI only.

BHP 307 Presence of Mind — Artificial Intelligence and Human Creativity 3 Credits
What is Artificial Intelligence (AI)? In what ways can computers "think"? How is their "thinking" similar to and different from that of humans? Through readings, lectures, discussions, and creative projects, students will investigate evidence of intelligence and creativity in various disciplines including music composition, art, and human and non-human systems. We will examine historical precedents and ponder likely developments in this area in the twenty-first century. No prior experience with computers or music is required.

CIS 388 Design Thinking 3 Credits
This undergraduate course on Design Thinking provides students with a framework for dealing with unstructured problems to create innovative business solutions. Students in this course will learn about the complex and iterative process of design thinking and its several phases, including problem finding, observation, visualization and sense making, ideation, prototyping and testing, and explore the value of design thinking for creating business solutions with lasting impact. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): JR/SR, 54+ credits, or POI.

ENG 206 Introduction to Creative Writing 3 Credits
A workshop that introduces students to basic conventions and techniques of creative writing. Students will read and study published writing in multiple genres, such as short fiction, drama, poetry, and creative nonfiction, and write and revise their own creative pieces.

ENG 245 Creativity 3 Credits
This course is an introduction to the history of literary creativity and the related topics of invention, genius, imagination, and originality. It examines theories of literary creativity throughout history from ancient ideas about the origins of inventiveness to recent theories. It looks at select works in English and other sources, and it looks at the subject of creativity in poetic, prose, and dramatic works.
Prerequisite(s): English Literature majors should take all Gateway Courses before they take 300- and 400- level courses.

ENG 303 Creative Writing: Poetry 3 Credits
A workshop analyzing the techniques of poetic expression, with a focus on the student's original experiments in traditional and contemporary verse forms.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 304 Creative Writing: Fiction 3 Credits
Students write original fiction and analyze the techniques of writing fiction in discussion of both their own drafts and published examples of the form.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 305 Creative Writing: Nonfiction 3 Credits
A workshop in Creative Nonfiction (aka Literary Nonfiction or Narrative Nonfiction, abbreviated CNF) in which students will write and read different forms of memoir and essay, including Personal Essay, Lyric Essay, Travel Writing, Oral History, and Personal Profiles. Creative Nonfiction (CNF) tells true stories using the literary techniques of fiction-writing, such as building dramatic scenes, establishing suspense, and developing a narrative sequence of events, or plot. CNF employs vivid sensory detail and builds characters and scenes to enhance the reader's experience of the story. Challenging the traditional journalist's stance of objectivity and emotional distance from her topics, CNF writers often put themselves into their stories to create a voice of reflection. We'll talk about what types of creative license CNF gives writers, and also about the ethics of storytelling, especially when your story's characters are real, living people.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 306 Creative Writing: Drama 3 Credits
Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and countercultures, popular commemorations like World's Fairs, and political culture. Some of the largest trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

IND 133 Creativity: Edu & Psych Persp 3 Credits
This course will examine both psychological and educational research about creativity. It will consider the various definitions of creativity that have guided research and theory; compare current theories of creativity in the fields of education and psychology, including cognitive, personality, and motivational theories; review research regarding what has been termed the "dark side"of creativity, including possible links to mental illness; and consider if and how schools and colleges might include creativity in admissions and promote creativity among students.

ME 592 Creativity & Music Technology 2 Credits
Creativity and Technology in the Music Classroom is designed to prepare students to foster musical creativity using a variety of approaches and tools. In particular, students will use equipment such as digital audio workstations, MIDI controllers, microphones, and SmartBoards to facilitate rich and engaging creative experiences. Students will explore ways to structure learning experiences in response to the needs and interests of students, and will examine current thinking and trends related to the uses of creativity and technology in the music classroom. **Prerequisite**(s): Junior status or permission of instructor.

PSY 324 Play and Imagination 3 Credits
This course surveys two of the most important manifestations of children's imagination: pretend play and imaginary companions. It will discuss the evolution of play, the purpose of play, the role of play in the development of creativity, and individual differences in play (e.g., among children of different gender, cultures, and ability levels). Finally, it will discuss the application of play to therapeutic methods for children. **Prerequisite**(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

THE 118 Visual Imagination 3 Credits
Introduction to the visual world of theater design. Visual examples, physical exercises and handcraft of composition and style, with dramatic input and meaning. The course explores how to translate ideas in a dramatic text into a visual context.

Criminal Justice

Program Overview

Rider University's Department of Sociology and Criminology houses a major in criminal justice, as well as a minor in criminal justice studies.

Criminal justice courses provide students, regardless of career goals, with tools for reasoned appraisal of how the criminal justice system works and its social consequences. Experienced faculty members who teach in the Criminal Justice major are available to advise students interested in pursuing a career in criminal justice, law or law-related fields and assist students in course selection and a variety of career paths, including graduate school, law school and criminal justice professionals serving in communities throughout the country in law enforcement, corrections, and the courts.

Curriculum Overview

Criminal Justice students take a total of 14 three-credit courses to complete the major. The curriculum includes a collection of required courses, taken sequentially, that introduce students to criminal justice but also a selection of courses from "topic-based" areas, including legal institutions, social groups and crime, law enforcement and courses from other disciplines that contextualize the major and give students a perspective from other disciplines. Seminars at the freshman and senior levels provide extensive class participation, personalized instruction, and carefully supervised individual research.

The criminal justice major and minor are designed to provide students with in-depth knowledge and understanding of laws, legal institutions and processes and their relationships to social, moral, political, and economic issues. Students will benefit from learning to approach law (both civil and criminal), and law enforcement from diverse perspectives.

Students can focus their course of study around their specific career goals by selecting from a wide range of courses within the program. In addition, the criminal justice major and minors are often be combined with other major and minor programs.

Student Learning Outcomes

Graduates of the Criminal Justice major will be able to:

1. Use criminological theories to understand the effects of criminal justice policies and crime-related events on society.
2. Interpret how social structure, culture, power, inequality, and economic forces impact our understanding of criminal justice institutions and criminological events.
3. Effectively collect, interpret, and analyze crime-related data using criminological theories as a framework throughout the process.
4. Communicate their understanding of criminal justice phenomena using both verbal and written techniques.

Honors Program in Criminal Justice

Honors in criminal justice may be achieved by earning a 3.5 cumulative average in the discipline and completing, through honors in criminal justice (SOC 496), a senior honors thesis with distinction.

Degree Offered

- B.A. in Criminal Justice
- Minor in Criminal Justice

Contact

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Program Website: Criminal Justice (p. 132)

Associated Department: Sociology and Criminology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/sociology/)

Related Programs

- Gender and Sexuality Studies (p. 284)
- Multicultural Studies (p. 403)
- Philosophy (p. 442)
- Sociology (p. 518)
- Social Work (p. 516)

Criminal Justice Major Requirements

(42 credits) A minimum of 6 courses at 300-level or higher must be selected.

Code	Title	Credits
Category I: Core Courses		**15**
SOC 206	Deviance and Crime [1]	
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections [1]	
PHL 115	Ethics	
SOC 307	Criminal Justice Practice	
SOC 460	Criminal Justice Senior Seminar [2]	
Category II: Research Methods and Applications		**3**
Select one of the following:		
POL 230	Methods of Political Analysis	
SOC 301	Methods of Sociological Research [1]	
Category III: Criminal Justice Processes And Institutions		**9**
Select three courses from the two areas below with at least one course from each area:		
Law Enforcement, Criminal Investigation and Punishment		
SOC 150	Introduction to Forensics	
SOC 210	Criminal Investigation	
SOC 322	Punishment and Corrections	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
Courts and Law		
LAW 140	Intro Seminar in Law & Justice	
LAW 305	Trial Advocacy	
SOC 351	The Rights of the Accused	
PHL 303	Philosophy of Law	
POL 260	Politics of Law and Order	
POL 361	Courts, Judges and Politics	
PSY 379	Psychology and Law	
SOC 317	Law and Lawyers	
Category IV: Crime and Social Groups and Issues		**9**
Select three of the following:		
SOC 302	Crime & Justice in the Media	
SOC 318	Hate Crimes in the United States	
SOC 216	Youth and Crime	
SOC 246	Drugs, Crime & American Society	
SOC 313	Gender and Criminal Justice	
SOC 321	White Collar and Corporate Crime	
SOC 333	Convict Criminology	
SOC 344	Gangs in America	
SOC 345	Race and Crime	
Category V: Contextualizing Crime and Criminal Justice		**6**
Select two courses from any of the following areas:		
Legal Issues		
HIS 301	Constitutional History of U.S.	
SOC 204	Law, Literature, and Film in America	
SOC 304	Women and Law	
LAW 310	Cyberspace Law and Policy	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
Philosophical Issues		
PHL 130	Political Philosophy	
PHL 202	Social Philosophy	
PHL 360	Contemporary Ethics	
Political Issues		
POL 235	Race and Ethnicity in American Politics	
POL 325	Public Administration	
POL 327	Contemporary Issues in American Public Policy	
POL 335	Urban Politics	
POL 345	Ancient Political Theory: Justice	
POL 350	U.S. Foreign Policy and Security Policy	
POL 351	Critical Views of Global Security	
POL 363	Human Rights in Global Context	
Psychological Issues		
PSY 220	Clinical Psychology and Mental Health	
PSY 365	Drugs and Human Behavior	
Social Issues		
SOC 205	Families	
SOC 207	Racial and Ethnic Relations	
SOC 245	Social Problems	
SOC 308	Cities And Suburbs	
SOC 312	Women in Society	
SOC 330	Class and Economic Inequality	
SOC 340	Power and Politics	
SOC 350	Social Policy	
SOC 396	Applied Sociology	
Internships and Advanced Research [3]		
LAW 490	Independent Study: Research and Creative Expression	
LAW 496	Honors Thesis in Law & Justice	
LAW 491	Internship in Law and Justice	
SOC 491	Internship in Sociology	
PHL 491	Internship in Philosophy	
POL 491	Internship in Political Science	
PSY 491	Internship in Psychology	
Total Credits		**42**

1

SOC 101 is waived as a pre-requisite for criminal justice majors ONLY for SOC 119 and SOC 119. SOC 101 is strongly recommended for criminal justice majors.

2

SOC 460 involves advanced research related to criminal justice and may be taken as an Independent Studies course or an Honors Thesis, if approved by the Law and Justice Director.

3

Internships must be related to Criminal Justice and approved by the Law and Justice Director.

Notes:

- No course may be used to satisfy more than one requirement for the Criminal Justice or Legal Studies major.

- Students are required to complete a minimum of 5 courses at the 300 or 400 levels in Categories II - V.

Criminal Justice Minor Requirements

(21 Credits)

Code	Title	Credits
Category I Multi-disciplinary Approaches to Criminal Justice [1]		**9-15**
At least three courses from the following areas:		
Law and Justice Interdisciplinary Courses		
LAW 140	Intro Seminar in Law & Justice	
SOC 150	Introduction to Forensics	
SOC 204	Law, Literature, and Film in America	
SOC 210	Criminal Investigation	
SOC 302	Crime & Justice in the Media	
SOC 304	Women and Law	
LAW 305	Trial Advocacy	
SOC 307	Criminal Justice Practice	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
SOC 351	The Rights of the Accused	
LAW 395	Selected Topics in Law/Justice	
SOC 318	Hate Crimes in the United States	
LAW 490	Independent Study: Research and Creative Expression	
LAW 491	Internship in Law and Justice	
LAW 496	Honors Thesis in Law & Justice	
Political Sciences		
POL 260	Politics of Law and Order	
POL 361	Courts, Judges and Politics	
Psychology		
PSY 379	Psychology and Law	
Sociology		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 206	Deviance and Crime	
SOC 216	Youth and Crime	
SOC 246	Drugs, Crime & American Society	
SOC 313	Gender and Criminal Justice	
SOC 321	White Collar and Corporate Crime	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
SOC 345	Race and Crime	
Category II Crime and Justice Related Courses [1]		**6**
Maximum of two courses from the following:		
Baccalaureate Honors		
BHP 209	Course BHP 209 Not Found	
Communication		
COM 251	Interpersonal Communication	
COM 252	Intercultural Communication	
COM 322	Argumentation and Advocacy	
Philosophy		
PHL 303	Philosophy of Law	
POL 235	Race and Ethnicity in American Politics	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 325	Public Administration	
POL 335	Urban Politics	
Psychology		
PSY 220	Clinical Psychology and Mental Health	
PSY 365	Drugs and Human Behavior	
SOC 205	Families	
SOC 207	Racial and Ethnic Relations	
SOC 308	Cities And Suburbs	
SOC 317	Law and Lawyers	
SOC 322	Punishment and Corrections	
SOC 340	Power and Politics	
SOC 350	Social Policy	
Category III Theory/Application		**3**
One course from the following:		
SOC 307	Criminal Justice Practice	
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
Electives		
LAW 490	Independent Study: Research and Creative Expression [2]	
LAW 491	Internship in Law and Justice [2]	
LAW 496	Honors Thesis in Law & Justice [2]	
Category IV		**3**
LAW 450	Law & Justice Senior Seminar	
Total Credits		**21**

1

Students may take up to six additional credits from Category I instead of taking the courses listed under Category II.

2

These courses may count toward Category II only with permission of the program director.

Notes:

- No more than three courses from the same department may be counted toward the minor. There is no limit on 'LAW' courses.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
SOC 101	Sociological Imagination	3
PHL 115	Ethics	3
HIS 150	World History to 1500	3

Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
MTH 102	Finite Mathematics	3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOC 206	Deviance and Crime	3
Category III Course		3
Aesthetic Perspectives: Literature		3
Social Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
Category III Course		3
Category IV Course		3
Aesthetic Perspectives: Literature		3
Scientific Perspectives		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
Category II Course		3
Category III Course		3
Category IV Course		3
Two Elective Courses		6
	Semester Credit Hours	**15**
Spring Semester		
Category IV Course		3
SOC 307	Criminal Justice Practice	3
Three Elective Courses		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Category IV Course		3
Category V Course		3
Three Elective Courses		9
	Semester Credit Hours	**15**
Spring Semester		
SOC 460	Criminal Justice Senior Seminar	3
Four Elective Courses		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Notes:

1. For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)
2. Please note that elective credits may be used to complete requirements in a second major or minor.
3. Philosophy core included in major.

Courses and Descriptions

HIS 301 Constitutional History of U.S. 3 Credits
Surveys the English, Colonial, and Confederation backgrounds of American law and constitutionalism; the framing, adoption, and implementation of the Federal Constitution and its later development; the role of law in the nation's history; the changing interpretations of federalism; the growth of judicial review; and the increasing role of the Supreme Court.

LAW 140 Intro Seminar in Law & Justice 3 Credits
Introduces students to the interdisciplinary study of law and justice. The seminar is designed to enable students to think critically about legal issues, address legal problems from various viewpoints, and apply different types of theories of justice to analyze laws and legal institutions. Students will learn to examine law and legal issues from a variety of perspectives and approaches: anthropological, historical, literary, philosophical, political, psychological, and sociological. Open to freshmen and sophomores only.

LAW 305 Trial Advocacy 3 Credits
Students will apply fundamental legal concepts and rules of evidence to specific cases. By engaging in trial simulations, students will evaluate various forms of evidence, identify legal principles and evidentiary rules that impact a criminal trial, learn about trial procedures, pursuit of case theories, and witness, exhibit and jury selection.

LAW 310 Cyberspace Law and Policy 3 Credits
Explores the legal and policy concerns raised by the Internet, nationally and globally. The course considers issues of legal regulation of the Internet, and consider the debate about whether cyberspace can or should be regulated. Attention will be given to the applicability of principles of law and models of regulation. Topics addressed will include jurisdiction, freedom of expression, intellectual property, privacy protection, safety concerns, equal access, electronic commerce, and computer crime.

LAW 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

LAW 491 Internship in Law and Justice 1-4 Credits
Provides supervised work experience in an institution, office, or agency related to law or law enforcement, such as courts, prosecutor/defense attorney offices, private law offices, state agencies, and local police departments. Students are expected to apply and broaden the knowledge obtained from law and justice minor courses to their fieldwork experience.
Prerequisite(s): 2.75 GPA and permission of the Director of the Law and Justice program.

LAW 496 Honors Thesis in Law & Justice 3-6 Credits
Entails substantial research and writing on a topic selected by the student. Proposals must be reviewed and approved by the law and justice program committee. Proposals must be submitted at least four weeks prior to course registration.
Prerequisite(s): Seniors in the minor with a minimum cumulative GPA of 3.25 and a 3.25 GPA in law and justice minor courses.

PHL 115 Ethics 3 Credits
A combined historical and systematic analysis of the problems of ethics. Such problems as the nature and meaning of moral values and judgments, moral responsibility and freedom, conscience and happiness, the good life, and the relativity of value, are explored through the writings of such philosophers as Plato, Aristotle, Aquinas, Kant, Mill, and Nietzsche. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 130 Political Philosophy 3 Credits
An introduction to the problems of political philosophy with an emphasis on recent and contemporary issues, such as the conflict between liberal and conservative ideologies, fascism, revolution, civil disobedience, and the concept of legitimate political authority. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 202 Social Philosophy 3 Credits
Emphasizes social ethics through critical studies of such contemporary problems as abortion, euthanasia, the death penalty, pornography and censorship, animal rights, drug use, sexual morality, environmental ethics, and world hunger. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PHL 360 Contemporary Ethics 3 Credits
An examination of recent and contemporary challenges to traditional ethical theory including such movements as logical positivism, cultural relativism, feminism, environmentalism, multiculturalism, and postmodernism. Such problems as the meaning and cognitive status of value judgments, the relation between fact and value, the relativity of values, and how value judgments can be justified are considered.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 491 Internship in Philosophy 1-4 Credits
Students will work under supervision within an area hospital, corporation, or legal agency. The specific duties and tasks will be developed jointly by the intern, intern agency, and faculty supervisor. Within the hospital setting, students will work with the Hospital Medical Ethics Committee. Within the corporate setting, there will be two types of internships: students will work in the corporate office responsible for addressing the ethical issues that arise in the business environment; or students will work in a department that allows them to explore the potential business applications of their philosophic intellectual training. Within the legal setting, students will work with the federal magistrate, prosecutor, or public defender, exploring issues in the philosophy of law that arise in the practice of law. Students must have completed four philosophy courses, one at the 300 level, before applying for the internship. No more than six credits will be allowed toward graduation. A member of the department of philosophy will supervise the internship.
Prerequisite(s): juniors and seniors with a minimum of 2.7 cumulative GPA and 3.0 GPA in philosophy, or permission of the department of philosophy.

POL 230 Methods of Political Analysis 3 Credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 260 Politics of Law and Order 3 Credits
The constitutional, legal, political, and administrative aspects of the criminal justice system in the United States are studied, including the court system at all levels of government, law enforcement agencies, correctional programs and institutions, probation, parole, and the relationship of our legal institutions to the broader political system.

POL 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as HLS 300. Students may not get credit for both HLS 300 and POL 300.

POL 361 Courts, Judges and Politics 3 Credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges. Note: This course is cross-listed as HLS 361. Students may not get credit for both POL 361 and HLS 361.

POL 301 Civil Liberties in the U.S. 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as HLS 301. Students may not get credit for both HLS 301 and POL 301.

POL 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens' behavior. Note: This course is cross-listed as HLS 325. Students may not get credit for both HLS 325 and POL 325.

POL 327 Contemporary Issues in American Public Policy 3 Credits
An in-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

POL 335 Urban Politics 3 Credits
Political structure and administration of municipalities in the United States. Emphasis on challenges posed by suburbanization, global and regional shifts in business, economic dislocation, housing, mass transportation, race relations, and policing.

POL 345 Ancient Political Theory: Justice 3 Credits
The existence of society over time requires high degree of predictability and hence laws, whether explicit or implicit. These derive their capacity to regulate life from the widespread notion that they are proper and that they should be obeyed. In a word, they accord to our notions of justice. These, however, are not stable. Resting on the understandings of man, society, nature and the relations between them, they develop under the impact of human thought and changing realities. The result is what can be compared to a layered cake. This course treats some of the main contributions made by philosophers from Plato to Rawls to our concept of justice and the manner by which they have shaped our concepts of justice in the US and West in general. Cases in which courts (mainly the US Supreme Court) made use and applied the thinking of earlier philosophies of justice will illustrate the process by which we adjust the boundaries between legality and criminality and determine how we should behave towards each other.

POL 350 U.S. Foreign Policy and Security Policy 3 Credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation's military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold World War. Note: This course is cross-listed as HLS 350. Students may get credit for only one.

POL 351 Critical Views of Global Security 3 Credits
This course will examine the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspective on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survial, to societal security, to unit level-variables such as Human Security. Note: This course is cross-listed as HLS 351. Students may not get credit for both HLS 351 and POL 351.

POL 363 Human Rights in Global Context 3 Credits
Human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as HLS 363. Students may not get credit for both HLS 363 and POL 363.

POL 491 Internship in Political Science 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of fieldwork per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 379 Psychology and Law 3 Credits
Introduces students to a study of selected topics in psychology and law. Topics include eyewitness testimony, jury selection, and decision-making.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 491 Internship in Psychology 1-4 Credits
Provides supervised work experience in an approved institution or agency in order for students to gain knowledge in applications of psychology. Placement is made in various community institutions and agencies that offer services to both exceptional and normal individuals. Prerequisite(s): senior psychology majors or minors.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 75 credits.

SOC 150 Introduction to Forensics 3 Credits
Introduces students to principles of forensic science. Whether the issue is establishing paternity or cause of death, determining arson or liability, or deciding criminal guilt or innocence, collecting and evaluating forensic material is typically involved. Students will learn the meaning and significance of scientific evidence and its role in criminal investigations and civil and criminal trials. Students will learn how forensic scientists work, define a problem, collect data, and analyze results. Case studies, crime simulations and examination of criminal evidence will highlight the application of scientific principles.

SOC 204 Law, Literature, and Film in America 3 Credits
Focuses in an interdisciplinary manner on law and justice as represented in American literature and films. It analyzes novels, short stories, and selected non-fiction texts from the perspectives of literary criticism, social history, and cultural and American studies.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 206 Deviance and Crime 3 Credits
Considers deviant behavior as violation of social norms. Examines the concepts of deviance and crime in socio-historical context. Evaluates major theories advanced to explain deviance. Surveys different types of deviance, including conventional crime, non-criminal deviant behavior, and white-collar corporate, and government crime.
Prerequisite(s): SOC 101.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 216 Youth and Crime 3 Credits
In-depth examination of the nature and extent of youth criminality in the U.S. Explores changes in youth culture and theories of delinquency. Social policies are related to youth criminality and the youth justice system is considered.

SOC 119 Introduction to Criminal Justice: Police, Courts, Corrections 3 Credits
This course introduces students to the sociological study of the criminal justice system. It examines the cultural and social foundations of this system, and review debates about problems with the criminal justice system and proposals to change it. Topics covered include nature of the crime problem, requirements of criminal law, policing, the role of the courts and legal professionals, sentencing, incarceration and alternatives to it.
Prerequisite(s): SOC 101.

SOC 245 Social Problems 3 Credits
American social, economic, and political institutions and their interrelationships are analyzed, with an emphasis on the causes, directions, and consequences of social change in American society.

SOC 246 Drugs, Crime & American Society 3 Credits
Explores the nature and extent of drug use in the U.S., how drugs are legally defined and socially constructed, and considers how and why drug policies have developed and changed historically. Considers how the criminalization of drugs has impacted policing strategies, courts, probation programs, sentencing and corrections, as well as other social institutions. Examines the role of local and federal agencies in enforcing drug laws, and considers debates about directions for legal reforms.

SOC 301 Methods of Sociological Research 3 Credits
One of the required courses in both the Sociology and Criminal Justice majors, Methods of Sociological Research introduces students to basic research processes in the social sciences. The course introduces students to both quantitative and qualitative approaches and data analysis using both original and secondary sources. Students will also complete an original research paper in this course.
Prerequisites: SOC 101 or SOW 250.

SOC 302 Crime & Justice in the Media 3 Credits
This course focuses on the impact of media on Americans' perceptions and understanding of the extent and causes of crime, and the effectiveness and purposes of crime policy. It examines how criminals, types of crime, crime policies and the criminal justice system are portrayed in various media outlets, including film, tv, newspaper, and electronic/internet. It explores the historical and contemporary relationships between media representations of criminal behavior, crime as a social problem, and the nature of the criminal justice system and contrasts these to their social realities.

SOC 304 Women and Law 3 Credits
Explores the social, economic, political and cultural context of laws relating to women and gender, such as workplace discrimination, divorce and child custody and reproductive rights. It examines how such laws have changed historically and the impact such laws have had on women as well as on men and on American social institutions, such as the family, politics, and the workplace. The course also examines women in the legal profession and their impact on the practice of law and legal reasoning.

SOC 307 Criminal Justice Practice 3 Credits
This course will consider the ways criminal justice agencies and occupations are shaped by social, economic, political, technological and legal changes. Through case studies and projects students will examine the work, culture, and work settings of various criminal justice practitioners, assess the impact of social policies on criminal justice careers, and identify new directions in the field. Students will develop the reading and writing skills needed by an array of criminal justice practitioners.

SOC 308 Cities And Suburbs 3 Credits
Examines the growth of an urban way of life under the influence of industrialism. Study of community, political, and economic institutions in cities. Comparisons between urban and suburban areas.
Prerequisite(s): SOC 101.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 313 Gender and Criminal Justice 3 Credits
This course will examine women's experiences with the criminal justice system as offenders, victims, prisoners, and practitioners. It will consider how gender has shaped theories of crime and criminological research. It will explore how cultural constructions of gender have influenced substantive and procedural criminal law, the ways criminal justice agencies respond to crime, and how these have changed historically. Attention will be given to the development of new approaches, reforms, and challenges.
Prerequisite(s): SOC 101.

SOC 317 Law and Lawyers 3 Credits
Relationships between law, the economy, and the state are explored. Discussion of laws, legal systems and legal reasoning using cross-cultural comparisons and historical analysis of these in the United States. Particular attention given to impact of law on corporations, workers, women, and minorities. Changes in legal profession and legal education are examined.
Prerequisite(s): SOC 101.

SOC 321 White Collar and Corporate Crime 3 Credits
This course will identify, explore, and study the unique criminological characteristics of the crime subtypes white collar crime and corporate crime. In addition to developing a formal definition of white collar crime and corporate crime, students will study: (a) the nature of the criminal act and the criminal actor(s); (b) the extent or scope of the white collar/corporate crime problem; (c) the factors that contribute to the crime decision, and (d) the various prevention and mitigation strategies used to address the white collar crime/corporate crime problem. Students will learn to evaluate historical cases of white collar crime/corporate crime and apply criminological theory to actual cases.
Prerequisite(s): SOC 101.

SOC 322 Punishment and Corrections 3 Credits
This course explores the nature, forms, rationales, and effectiveness of punishment as a form of crime control. It traces the development of corrections in the U.S., identifies cultural trends and developments in penology, including mass incarceration and supermax prisons, considers the ways race and class have shaped these, and the reverberating effects penal policies have had on American culture and society beyond the criminal justice system. It examines the role of laws, politics, crime control agencies, as well as of media, and corporations in shaping penal policies. Topics also include: prison subcultures, inmate rights, correctional practices, privatization of prisons, and alternatives to punitive policies of incarceration and capital punishment.
Prerequisite(s): SOC 101.

SOC 330 Class and Economic Inequality 3 Credits
Social, economic, and political aspects of the division of society into classes are considered. Theories of stratification and the distribution of wealth, power, and prestige in societies past and present are examined.
Prerequisite(s): SOC 101.

SOC 342 Police and American Society 3 Credits
This course examines important issues regarding police in American society, such as the paradoxes inherent in police work, police organization and strategies and their effectiveness, the dilemmas of supervising police work, police unionism, the nature and implications of police occupational subculture, the use of police discretion, forms of police misconduct and accountability, professionalization of police and the trend toward police privatization. It also considers the diversity of the police force, trends in the delivery of policing services, the impact of new technologies on policing, and the challenges of policing in a multicultural society.
Prerequisite(s): SOC 101.

SOC 343 Policing and Counter Terrorism 3 Credits
This course is designed as an upper level (undergraduate/graduate) combination lecture and discussion section on the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspectives on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survival, to societal security, to unit level-variables such as Human Security.
Prerequisite(s): SOC 101.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

SOC 340 Power and Politics 3 Credits
Examines the nature and distribution of power in contemporary societies; analyzes the relationships between power and politics.
Prerequisite(s): SOC 101.

SOC 365 Selected Top: Social Movements 3 Credits
FALL 2012 - This course examines movements that seek change in the social, cultural and political structures of society. The social, economic and political contexts of these movements are treated as well as their origins, tactics, organization, recruitment, and successes and failures. Case studies focus on movements in the areas of labor, civil rights, feminism, the environment, "right wing politics", and neighborhood activism. In today's world, social movements abound. Movements such as the Tea Party and the Occupy movements demonstrate that they can take place across the political spectrum of society. Moreover, the interconnectedness of the world economy creates social movements throughout the world, whether in Asia, the Mid-East or Europe that have direct affects on the United States. Because the coverage of these movements are given considerable media exposure, students (and the public) tend to accept the interpretations of these movements as presented in the narratives of the media coverage. This class will provide a systematic academic treatment of social movements. Because social movements target structural and cultural institutions in society, the study of these movements will not only provide an understanding of these movements, but of larger social problems in society as well.
Prerequisite(s): SOC 101.

SOC 396 Applied Sociology 3 Credits
Shows how sociology can be applied in work settings. As participant observers in organizations related to their career objectives, students learn to apply sociological knowledge, perspectives, and skills. In class meetings and individual consultations with the instructor, students examine the applied dimensions of sociology, the uses of sociology in various occupations, the ethical issues involved in applied sociology, and the culture and structure of their work organization.
Prerequisite(s): SOC 101.

SOC 401 Sex and the Body in Society 3 Credits
Examines cultural meanings and social practices associated with sex and the body. Contemporary cultural norms and practices in the U.S. will be compared to other societies, historically and cross-culturally. Variations in sexual practices, ideals of sexual attractiveness according to age, gender, race, ethnicity, class and sexual orientation also will be discussed. Topics may include beauty industries (e.g. cosmetics, diet, fashion, surgery, drugs), sex and the workplace, the impact of media, social policy, and technology on ideals of sexual attractiveness, birth control, and sexual violence.
Prerequisite(s): SOC 101.

SOC 460 Criminal Justice Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of crime, criminal law and criminal justice institutions, and applies these to a specific topic, method, institution, or controversy. Topics vary. Students will be expected to contribute to seminar discussions and to complete research projects related to the seminar theme. Required for senior criminal justice majors; open to others only by permission of the chair.

Cybersecurity

Program Overview

Just as computing technology has become an integral part of many aspects of our lives, the need to secure the operation of that technology has become critical. The importance of secure computational operations has had significant impacts in social, commercial, financial, industrial, and political realms, and will continue to grow as the right to privacy is tested.

In NJ and the surrounding Philadelphia and New York metro areas, the demand is even greater, with over 27,000 unfilled cybersecurity positions. On a national level, cybersecurity has been recognized as a critical component of Homeland Security, and the Senate Appropriations committee funded cybersecurity efforts above the President's request for FY 2019. Students pursuing a B.S. in Cybersecurity will bring a powerful combination of a traditional liberal arts education with foundational knowledge and technical training needed to excel in the cybersecurity field. A Minor in Cybersecurity is also available.

Curriculum Overview

Rider students in this program will benefit from a curriculum aligned with the latest national guidelines, adaptable to meet the evolving demands of industry and research. Cybersecurity is a nascent academic affair, although it has been in existence for nearly as long as computers. Thus, any cybersecurity curriculum should be founded in basic principles: that the computers, including data, software, systems, and networks, as well as the people and organizations using the machines, are kept secure and operational. The courses comprising the major are foundational, with the concentrations offering breadth and expertise in a given aspect of cybersecurity.

Student Learning Outcomes

Graduates of the Cybersecurity major will be able to:

1. Graduate with a broad understanding of the nature of cybercrime and cybersecurity.
2. Graduate with a deep understanding of security at multiple levels.
3. Graduate with the ability to collaborate and apply their knowledge to real-world problems.
4. Graduate with a passion for lifelong learning, professional responsibility to uphold ethical behavior.

Degrees Offered:

- B.S. in Cybersecurity
- Minor in Cybersecurity

Contact

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Program Website: Cybersecurity (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/cybersecurity/)
Associated Department: Department of Computer Science and Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/computer-science-physics/)

Related programs:

- Computer Science (p. 125)
- Criminal Justice (p. 132)
- Homeland Security Policy (p. 330)

Cybersecurity Program Requirements

(57 credits)

Students must select either the Technical Track or the Policy Track.
Notes:

- Majors must complete either MTH 105 or MTH 210 to fulfill their mathematics core requirement.
- A grade of 'C' or better is required in all 100-level CSC or CYB courses.

Code	Title	Credits
Required Cybersecurity Core Courses:		**12**
CYB 105	Introduction to Cybersecurity	
CYB 110	Cybercrime and Cyberterrorism	
CYB 130	IT Fundamentals	
CSC 150	Cyber Ethics and Societal Impact	
Select either the Technical Track or the Policy Track		**36**
Technical Track:		
Required Courses:		
CSC 110	Computer Science I	
CSC 120	Computer Science II	
CSC 130	Data Structures and Algorithms	
CSC 140	Discrete Structures	
CYB 200	Operating Systems & Cybersecurity	
CYB 240	Ethical Hacking and Penetration Testing	
CSC 250	Software Security Engineering	
CYB 260	Network Defenses and Countermeasures	
CIS 270	Computer Networking	
CYB 300	Developing & Deploying Cybersecurity Programs	
CYB 320	Cyber Forensics	
CSC 340	Cybersecurity Essentials	
Elective Courses		**9**
Select two of the following Policy courses:		
HLS 203/POL 203	Homeland Security	
HLS 204/POL 204	Development and Structure of the US Intelligence Community	
SOC 210	Criminal Investigation	
LAW 310	Cyberspace Law and Policy	
POL 351/HLS 351	Critical Views of Global Security	
Select one of the following Technical courses: [1]		
CSC 320	Human-Computer Interaction	
CSC 350	Analysis of Algorithms	
CSC 380	Parallel and Distributed Systems	
Policy Track		
Required Courses:		
SOC 150	Introduction to Forensics	
HLS 203/POL 203	Homeland Security	
HLS 204/POL 204	Development and Structure of the US Intelligence Community	
SOC 210	Criminal Investigation	
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
POL 301	Civil Liberties in the U.S.	
HLS 205	Spies, Double Agents, and Moles: The World of Counterintelligence	
or HLS 304/ POL 304	Political Behavior: Fear, Risk and Crisis	
HLS 220/POL 220	Terrorism & Counter Terrorism	
LAW 310	Cyberspace Law and Policy	
POL 327	Contemporary Issues in American Public Policy	
SOC 343	Policing and Counter Terrorism	
POL 351/HLS 351	Critical Views of Global Security	
Elective Courses		**9**
Select two of the following Technical courses: [1]		
CSC 105	Fundamentals of Computer Science	
CSC 110	Computer Science I	
CSC 120	Computer Science II	
CSC 140	Discrete Structures	
CYB 200	Operating Systems & Cybersecurity	
CYB 240	Ethical Hacking and Penetration Testing	
CYB 320	Cyber Forensics	
Select one of the following Policy courses:		
HLS 341	Cybersecurity Policy: Hacktivism and Cyberviolence	
HLS 334	Cyber Strategy	
Electives for either Track		
CYB 490	Cybersecurity Independent Study and Research	
CSC 491	Internship in Computer Science	
Total Credits		**57**

NOTE: Cybersecurity majors must also complete either MTH 105 or MTH 210 to fulfill their mathematics core requirement.

1

Other technical electives are available for Cybersecurity B.S. undergraduates pursuing the **4+1 M.S.**:

- CYBR 500 Beyond Code: Cybersecurity in Context
- CYBR 510 Cryptogragphy for Cybersecurity
- CYBR 520 Managing Cyber Risks
- CYBR 530 Mobile Computing & Wireless Security

Cybersecurity Minor Requirements

(21 credits)

Code	Title	Credits
Required Courses		**12**
CYB 105	Introduction to Cybersecurity	
CYB 110	Cybercrime and Cyberterrorism	

CSC 150	Cyber Ethics and Societal Impact	
CYB 130	IT Fundamentals	
Select at least three of the following courses:		**9**
CSC 105	Fundamentals of Computer Science	
CSC 110	Computer Science I	
CSC 120	Computer Science II	
CSC 130	Data Structures and Algorithms	
CYB 200	Operating Systems & Cybersecurity	
CYB 240	Ethical Hacking and Penetration Testing	
CYB 260	Network Defenses and Countermeasures	
CYB 300	Developing & Deploying Cybersecurity Programs	
CYB 320	Cyber Forensics	
CSC 340	Cybersecurity Essentials	
CIS 270	Computer Networking	
CIS 319	Computer Forensics	
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Technical Track (p. 142)
Policy Track (p. 142)

Cybersecurity Technical Track

Course	Title	Credits
Year 1		
Fall Semester		
CYB 105	Introduction to Cybersecurity	3
CSC 110	Computer Science I	3
MTH 105 or MTH 210	Algebra and Trigonometry or Calculus I	4
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**16**
Spring Semester		
CYB 110	Cybercrime and Cyberterrorism	3
CSC 120	Computer Science II	3
CSC 150	Cyber Ethics and Societal Impact	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
CYB 130	IT Fundamentals	3
CSC 140	Discrete Structures	3
Cybersecurity Policy Elective		3
Social Perspectives Course		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15**
Spring Semester		
CYB 200	Operating Systems & Cybersecurity	3
CIS 270	Computer Networking	3
Social Perspectives Course		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
CYB 240	Ethical Hacking and Penetration Testing	3
CYB 260	Network Defenses and Countermeasures	3
CSC 130	Data Structures and Algorithms	3
Foreign Language 1 of 2		3
Philosophical Perspectives Course		3
	Semester Credit Hours	**15**
Spring Semester		
CSC 250	Software Security Engineering	3
CSC 340	Cybersecurity Essentials	3
Cybersecurity Policy Elective		3
Foreign Language 2 of 2		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
CYB 300	Developing & Deploying Cybersecurity Programs	3
Cybersecurity Technical Elective		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
CSC 350	Analysis of Algorithms	3
Four Elective Courses [1]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**121**

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Please note that elective credits may be used to complete requirements in a second major or a minor.

Cybersecurity Policy Track

Course	Title	Credits
Year 1		
Fall Semester		
CYB 105	Introduction to Cybersecurity	3
CSC 110	Computer Science I	3
MTH 105 or MTH 210	Algebra and Trigonometry or Calculus I	4
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**16**

Spring Semester		
CYB 110	Cybercrime and Cyberterrorism	3
CSC 150	Cyber Ethics and Societal Impact	3
SOC 150	Introduction to Forensics	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	3
HLS 203	Homeland Security	3
Cybersecurity Technical Elective		3
Social Perspectives Course		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15**
Spring Semester		
HLS 204	Development and Structure of the US Intelligence Community	3
SOC 210	Criminal Investigation	3
Social Perspectives Course		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
POL 301	Civil Liberties in the U.S.	3
HLS 304 or HLS 205	Political Behavior: Fear, Risk and Crisis or Spies, Double Agents, and Moles: The World of Counterintelligence	3
Foreign Language 1 of 2		3
Philosophical Perspectives Course		3
Elective Course [1]		3
	Semester Credit Hours	**15**
Spring Semester		
HLS 220	Terrorism & Counter Terrorism	3
LAW 310	Cyberspace Law and Policy	3
Cybersecurity Technical Elective		3
Foreign Language 2 0f 2		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
POL 327	Contemporary Issues in American Public Policy	3
Cybersecurity Policy Elective		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
SOC 343	Policing and Counter Terrorism	3
POL 351	Critical Views of Global Security	3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**121**

1

Please note that elective credits may be used to complete requirements in a second major or a minor.

Courses and Descriptions

CYB 105 Introduction to Cybersecurity 3 Credits
Introduction to Cybersecurity introduces students to this interdisciplinary field by exploring the technology, policies, and processes that enable assured computer operations. Students will be introduced to recent developments in cybercrime such as phishing, ransomware, viruses, and worms. Students will also learn about the policy and legislation regarding privacy, terrorism, hacktivism, and the dark web. Students will also be introduced to programming and networking concepts.

CYB 110 Cybercrime and Cyberterrorism 3 Credits
This course explores the world of cybercrime and cyber terrorism. Students will learn about the social and legal aspects of cybercrime and the technical tools that enable the investigation of these acts. They will discuss and review several definitions and types of cybercrime, and the roles of private sectors and law enforcement in detecting, investigating and preventing these acts.

CYB 130 IT Fundamentals 3 Credits
IT Fundamentals is designed to immerse students in the essentials of computer hardware and software. The IT Fundamentals course provides students with principles of data and technology that frame and define cybersecurity and insight into the importance of cybersecurity and the integral role of cybersecurity professionals. Students will explore foundational cybersecurity principles, security architecture, risk management, attacks, incidents, and emerging IT and IS technologies.

CYB 200 Operating Systems & Cybersecurity 3 Credits
This course focuses on the fundamental properties of three major operating systems (Linux, MacOS, and Windows). The course covers file systems, command line interfaces, and shell scripting. Students will learn how to manage user groups while focusing on security. They will also be introduced to SQL database architecture.
Prerequisite(s): CYB 130.

CYB 240 Ethical Hacking and Penetration Testing 3 Credits
This course introduces students to the methods of penetration testing and hacking as method of locating and successfully exploiting computer systems for the purpose of making computer systems more secure. This process includes probing for vulnerabilities as well as providing proof of concept attacks to demonstrate the vulnerabilities are real and generating specific and effective recommendations for addressing and fixing security issues discovered vulnerability assessments and penetration.
Prerequisite(s): (CYB 200 or CSC 240) and CIS 270.

CYB 260 Network Defenses and Countermeasures 3 Credits
This course in network defenses and countermeasures prepares students to defend networks against attacks by implementing proactive protection measures and by responding to active and potential threats. It covers multiple techniques for network defense, including firewalls, intrusion-detection systems, VPNs, encryption, and system hardening.
Prerequisite(s): CYB 240.

CYB 300 Developing & Deploying Cybersecurity Programs 3 Credits
In Developing and Deploying Cybersecurity Programs, students will learn how to create cybersecurity policies, standards, guidelines and plans, and the differences between them. Students will learn how threats develop, and how threat actors launch attacks on their targets. The material in this course conforms to the NIST Cybersecurity Framework and the ISO/IEC 27000-series standards.
Prerequisite(s): CIS 270.

CYB 320 Cyber Forensics 3 Credits
This course covers the technical and legal aspects of cyber forensics, including general forensic procedures, electronic discovery, imaging, hashing, file recovery, mismatched file types, and preserving the chain of evidence. Students will perform detailed cyber forensic analyses on compromised system images, using both open-source and court-approved digital forensic software tools to conduct forensic examinations, write analytical reports, and practice mock courtroom presentations.
Prerequisite(s): CYB 200.

CYB 490 Cybersecurity Independent Study and Research 3 Credits
Immerses the student in guided research. The student learns to organize material, use the literature, obtain reproducible data, and synthesize the results of the study. If possible, the student will publish the results or present them at a scientific meeting.

CYB 491 Internship in Cybersecurity 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 40 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester. Available for juniors and seniors.
Prerequisite(s): 2.5 GPA and Permission of Dept. Chair/Program Director.

Dance

Program Overview

There are many ways to dance at Rider University. The Bachelor of Arts in Dance Performance provides courses in dance technique, history, movement theory, choreography and pedagogy, as well as numerous repertory and performance opportunities. Students have the option of earning a degree in Dance Studies (p. 155) if majoring in Elementary Education. We offer a B.A. in Dance Science, an emphasis in dance with the Arts Entertainment and Industries Management degree, a Dance Minor, and a Movement Science Minor. Graduates of the program may also go on to earn a graduate degree in Clinical Mental Health Counseling with a Dance/Movement Therapy Concentration (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/counseling-services/ma-clinical-mental-health-counseling/dance-movement-therapy/).

Degrees Offered

- B.A. in Dance Performance
- B.A. in Dance Studies with Elementary Education
- B.A. in Dance Science
- Minor in Dance
- Minor in Movement Science
- M.A. in Clinical/Mental Health Counseling with Dance/Movement Therapy concentration

Contact

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Program Website: Dance (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/dance-performance/)

Associated Department: Performing Arts: Theatre (p. 545) or Dance (p. 144)

Related Programs:

- Arts Entertainment Industries Management (p. 39)
- Dance Science, B.A. (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/majors-minors-certificates/dance-science/#overviewtext)

Dance Program Requirements

General Remarks

For all majors offered in the Theatre & Dance Department, students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

Select one course of study from the following options:

Dance Performance (p. 144)
Dance Studies (p. 145)

Dance Performance

(47 credits)

Code	Title	Credits
Ensemble / Performance		**12**
DAN 210	Rider Dances: Repertory & Productions (5 credits needed)	
or DAN 210T	Rider Dances Rep&Produc:Tech	
DAN 111	Dance Lab (7 terms) [1]	
DAN 215	Improvisation and Embodiment	
DAN 220	Dance Composition	
DAN 498	Senior Capstone	
or DAN 499	Seniors Honor Program	
Applied (Dance Studio)		**12**
DAN 112	Ballet I	
DAN 113	Ballet II	
DAN 201	Ballet III	
DAN 202	Ballet IV	

DAN 301	Ballet V	
DAN 302	Ballet VI	
DAN 151	Modern Dance I	
DAN 152	Modern Dance II	
DAN 251	Modern Dance III	
DAN 351	Modern Dance IV	
DAN 100	Contemporary Dance Forms (Select from Latin, Hip Hop, West African, Tap, or Jazz. Can be repeated for credit.)	
Dance Electives		**6**
DAN 310	Dance Elective: Music for Dance	
DAN 311	Dance Elective: Dance Video	
Dance History and Theory		**15**
DAN 105	Survey of Dance History	
DAN 250	Course DAN 250 Not Found	
DAN 350	History of Ballet, Modern & Jazz Dance	
DAN 450	Pedagogy and Methodology in Dance	
DAN 460	Course DAN 460 Not Found	
Select 3 credits from the following:		**3**
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
ART 199	Arts in Contemporary Civilization	
ART 201	Art of the Ancient World	
ART 207	Medieval and Renaissance Art	
ART 209	Art of the Baroque	
ART 214	American Art	
ART 306	Art of the 20th Century	
ART 495	Selected Topics in Art History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemporary Music Experience	
MUS 309	Film Music	
MUS 315	Black Music in America	
THE 106	Theater History Since 1700	
THE 199	The Arts in Contemporary Civil	
THE 207	Contemporary Theatre	
THE 206	American Theatre History	
THE 308	Modern Drama	
THE 495	Special Topics in Theatre	
Total Credits		**48**

[1]

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

Notes:

- All new dance students must take a placement exam.
- Majors must successfully complete Ballet III or equivalent to receive a degree.
- All students enrolled in DAN 210 (https://rider-curr.courseleaf.com/search/?P=DAN%20210) and performing in Rider Dances are expected to be concurrently enrolled in a dance studio course.
- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Dance Studies

(32 credits)

Code	Title	Credits
Ensemble/Performance		
DAN 111	Dance Lab (4 semesters)	0
Applied (Dance Studio)		
Ballet		3
Studio Electives [1]		5
DAN 100 or DAN 300	Fundamentals of Dance Lecture & Studio in Dance	
DAN 112	Ballet I: The Point of Departure	1
DAN 113	Ballet II: Next Steps	1
DAN 151	Pilates and Modern	1
DAN 152	World Dance & Improvisation	1
DAN 190	Dalcroze Eurythmics	3
DAN 201	Vaganova I	1
DAN 202	Vaganova II	1
Dance History and Theory		
DAN 105	Survey of Dance History	3
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 450	Pedagogy and Methodology in Dance	3
Select 6 credits from the following: [2,3]		**6**
DAN 180	History of Movement Theory	
DAN 220	History of Choreography	
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
ART 199	Arts in Contemporary Civilization	
ART 201	Art of the Ancient World	
ART 207	Medieval and Renaissance Art	
ART 209	Art of the Baroque	
ART 214	American Art	
ART 303	19th Century Art	
ART 306	Art of the 20th Century	
ART 495	Selected Topics in Art History	

MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemp Music Experience	
MUS 309	Film Music	
MUS 315	Black Music in America	
THE 105	Theatre History to 1700	
THE 106	Theater History Since 1700	
THE 199	The Arts in Contemporary Civil	
THE 207	Contemporary Theatre	
THE 206	American Theatre History	
THE 308	Modern Drama	
College of Education and Human Service Requirements		
See the College of Education and Human Services Degree Programs for information on the programs available.		
Total Credits		**32**

[1]

Studio elective can also be fulfilled by DAN 493 when applicable.

[2]

From the ART, MUS or THE courses in the list select no more than one from each discipline.

[3]

ART 120, MUS 120, and THE 120 will not fulfill this requirement.

Notes:

- All new dance students must take a placement exam.
- It is strongly suggested that DAN 210 and DAN 210T are taken at least once.
- Majors must successfully complete Ballet III or equivalent to receive a degree.
- All students enrolled in DAN 210 and performing in Rider Dances are expected to be concurrently enrolled in a dance studio course.
- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Dance Minor Requirements

(19 credits)

Code	Title	Credits
Select two of the following:		**6**
DAN 105	Survey of Dance History	
or DAN 220	Dance Composition	
or DAN 350	History of Ballet, Modern & Jazz Dance	
or DAN 460	Course DAN 460 Not Found	
Complete the following courses:		
DAN 111	Dance Lab (4 semesters)	0
DAN 151	Modern Dance I	1
DAN 152	Modern Dance II	1
DAN 250	Course DAN 250 Not Found	
DAN 210	Rider Dances: Repertory & Productions	1
DAN 210T	Rider Dances Rep&Produc:Tech	1
DAN 100	Contemporary Dance Forms	4
or DAN 310	Dance Elective: Music for Dance	
or DAN 311	Dance Elective: Dance Video	
DAN 201	Ballet III	1
DAN 202	Ballet IV	1
Total Credits		**16**

Note:

- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Dance Concentrations

Select one of the following concentrations:

Dance Performance Concentration (p. 146)

Dance Studies Concentration (p. 147)

Dance Performance

Code	Title	Credits
Ensemble / Performance		**12**
DAN 210	Rider Dances: Repertory & Productions (5 credits needed)	
or DAN 210T	Rider Dances Rep&Produc:Tech	
DAN 111	Dance Lab (7 terms) [1]	
DAN 215	Improvisation and Embodiment	
DAN 220	Dance Composition	
DAN 498	Senior Capstone	
or DAN 499	Seniors Honor Program	
Applied (Dance Studio)		**12**
DAN 112	Ballet I	
DAN 113	Ballet II	
DAN 201	Ballet III	
DAN 202	Ballet IV	
DAN 301	Ballet V	
DAN 302	Ballet VI	
DAN 151	Modern Dance I	
DAN 152	Modern Dance II	
DAN 251	Modern Dance III	
DAN 351	Modern Dance IV	
DAN 100	Contemporary Dance Forms (Select from Latin, Hip Hop, West African, Tap, or Jazz. Can be repeated for credit.)	
Dance Electives		**6**
DAN 310	Dance Elective: Music for Dance	
DAN 311	Dance Elective: Dance Video	
Dance History and Theory		**15**
DAN 105	Survey of Dance History	

DAN 250	Course DAN 250 Not Found	
DAN 350	History of Ballet, Modern & Jazz Dance	
DAN 450	Pedagogy and Methodology in Dance	
DAN 460	Course DAN 460 Not Found	
Select 3 credits from the following:		**3**
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
ART 199	Arts in Contemporary Civilization	
ART 201	Art of the Ancient World	
ART 207	Medieval and Renaissance Art	
ART 209	Art of the Baroque	
ART 214	American Art	
ART 306	Art of the 20th Century	
ART 495	Selected Topics in Art History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemporary Music Experience	
MUS 309	Film Music	
MUS 315	Black Music in America	
THE 106	Theater History Since 1700	
THE 199	The Arts in Contemporary Civil	
THE 207	Contemporary Theatre	
THE 206	American Theatre History	
THE 308	Modern Drama	
THE 495	Special Topics in Theatre	
Total Credits		**48**

[1]

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

Note:

- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Dance Studies Concentration

Code	Title	Credits
Ensemble/Performance		
DAN 111	Dance Lab (4 semesters)	0
Applied (Dance Studio)		
Ballet		3
Studio Electives [1]		5
DAN 100	Fundamentals of Dance	
or DAN 300	Lecture & Studio in Dance	
DAN 112	Ballet I: The Point of Departure	1
DAN 113	Ballet II: Next Steps	1
DAN 151	Pilates and Modern	1
DAN 152	World Dance & Improvisation	1
DAN 190	Dalcroze Eurythmics	3
DAN 201	Vaganova I	1
DAN 202	Vaganova II	1
Dance History and Theory		
DAN 105	Survey of Dance History	3
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 450	Pedagogy and Methodology in Dance	3
Select 6 credits from the following: [2,3]		**6**
DAN 180	History of Movement Theory	
DAN 220	History of Choreography	
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
ART 199	Arts in Contemporary Civilization	
ART 201	Art of the Ancient World	
ART 207	Medieval and Renaissance Art	
ART 209	Art of the Baroque	
ART 214	American Art	
ART 303	19th Century Art	
ART 306	Art of the 20th Century	
ART 495	Selected Topics in Art History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemp Music Experience	
MUS 309	Film Music	
MUS 315	Black Music in America	
THE 105	Theatre History to 1700	
THE 106	Theater History Since 1700	
THE 199	The Arts in Contemporary Civil	
THE 207	Contemporary Theatre	
THE 206	American Theatre History	
THE 308	Modern Drama	
College of Education and Human Service Requirements		
See the College of Education and Human Services Degree Programs for information on the programs available.		
Total Credits		**32**

[1]

Studio elective can also be fulfilled by DAN 493 when applicable.

[2]

From the ART, MUS or THE courses in the list select no more than one from each discipline.

[3]

ART 120, MUS 120, and THE 120 will not fulfill this requirement.

Notes:

- All new dance students must take a placement exam.
- It is strongly suggested that DAN 210 and DAN 210T are taken at least once.
- Majors must successfully complete Ballet 3 or equivalent to receive a degree.
- Al students enrolled in DAN 210 and performing in Rider Dances and expected to be concurrently enrolled in a dance studio course.
- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

B.A. in Dance Performance (p. 148)
B.A. in Dance Studies (p. 147)

B.A. in Dance Performance

Course	Title	Credits
Year 1		
Fall Semester		
DAN 111	Dance Lab	0
DAN 112	Ballet I: The Point of Departure	1
DAN 105	Survey of Dance History	3
DAN 151	Pilates and Modern	1
General Education/Electives		10
	Semester Credit Hours	**15**
Spring Semester		
DAN 111	Dance Lab	0
DAN 113	Ballet II: Next Steps	1
DAN 152	World Dance & Improvisation	1
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 210T or DAN 210	Rider Dances Rep&Produc:Tech or Rider Dances: Repertory & Productions	1
General Education/Electives		9
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
DAN 180	History of Movement Theory	3
DAN 111	Dance Lab	0
DAN 100 or DAN 300 or DAN 493	Fundamentals of Dance or Lecture & Studio in Dance or Special Topics in Dance Studio	1
THE 107	Acting I: Intro to Acting	3
General Education/Electives		4
DAN 201	Vaganova I	1
DAN 190	Dalcroze Eurythmics	3
	Semester Credit Hours	**15**
Spring Semester		
DAN 210T	Rider Dances Rep&Produc:Tech	1
DAN 210	Rider Dances: Repertory & Productions	1
DAN 111	Dance Lab	0
General Education/Electives		11
DAN 100 or DAN 300 or DAN 493	Fundamentals of Dance or Lecture & Studio in Dance or Special Topics in Dance Studio	1
DAN 202	Vaganova II	1
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
DAN 100 or DAN 300 or DAN 493	Fundamentals of Dance or Lecture & Studio in Dance or Special Topics in Dance Studio	1
DAN 220	History of Choreography	3
DAN 300	Lecture & Studio in Dance	2
DAN 111	Dance Lab	0
General Education/Electives		9
	Semester Credit Hours	**15**
Spring Semester		
DAN 210	Rider Dances: Repertory & Productions	1
DAN 300	Lecture & Studio in Dance	2
DAN 111	Dance Lab	0
Arts History elective		3
General Education/Electives		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
DAN 450	Pedagogy and Methodology in Dance	3
DAN 300	Lecture & Studio in Dance	2
DAN 111	Dance Lab	0
General Education/Electives		9
	Semester Credit Hours	**14**
Spring Semester		
DAN 100 or DAN 300 or DAN 493	Fundamentals of Dance or Lecture & Studio in Dance or Special Topics in Dance Studio	1
DAN 498	Senior Capstone	3
DAN 300	Lecture & Studio in Dance	2
DAN 210	Rider Dances: Repertory & Productions	1
DAN 111	Dance Lab	0
General Education/Electives		9
	Semester Credit Hours	**16**
	Total Credit Hours for Graduation	**120**

B.A. in Dance Studies

Course	Title	Credits
Year 1		
Fall Semester		
DAN 105 or DAN 180 or DAN 220	Survey of Dance History or History of Movement Theory or History of Choreography	3
DAN 111	Dance Lab	0
DAN 151	Pilates and Modern	1
General Education/Electives		10
DAN 112	Ballet I: The Point of Departure	1
	Semester Credit Hours	**15**
Spring Semester		
DAN 111	Dance Lab	0
General Education/Electives		10
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 152	World Dance & Improvisation	1
DAN 113	Ballet II: Next Steps	1
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
DAN 111	Dance Lab	0
DAN 100	Fundamentals of Dance	1
Arts History elective		3
DAN 201	Vaganova I	1
General Education/Electives		10
	Semester Credit Hours	**15**
Spring Semester		
DAN 190	Dalcroze Eurythmics	3
DAN 111	Dance Lab	0
DAN 100	Fundamentals of Dance	1
DAN 202	Vaganova II	1
General Education/Electives		10
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
DAN 300	Lecture & Studio in Dance	2
Arts History elective		3
General Education/Electives		10
	Semester Credit Hours	**15**
Spring Semester		
DAN 300	Lecture & Studio in Dance	2
Arts History elective		3
General Education/Electives		10
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
DAN 300	Lecture & Studio in Dance	2
General Education/Electives		13
	Semester Credit Hours	**15**
Spring Semester		
General Education/Electives		15
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

DAN 100 Fundamentals of Dance 1 Credits
Designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for two classes per week at the Princeton Ballet School. One additional hour per week is comprised of video observation, lecture, or readings, and is taught at Rider's Lawrenceville campus. Prerequisite(s): permission of dance advisor; Dance Studio Courses Ballet I.

DAN 100A Ballet I 0 Credits

DAN 100B Ballet II 0 Credits

DAN 100C Ballet III 0 Credits

DAN 100D Ballet IV 0 Credits

DAN 100E Ballet V 0 Credits

DAN 100F Ballet VI 0 Credits

DAN 100G Jazz I 0 Credits

DAN 100H Jazz II 0 Credits

DAN 100I Jazz III 0 Credits

DAN 100J Modern Dance I 0 Credits

DAN 100K Modern Dance II 0 Credits

DAN 100L Modern Dance III 0 Credits

DAN 100M Spanish Dance I 0 Credits

DAN 100N Spanish Dance II 0 Credits

DAN 100O Spanish Dance III 0 Credits

DAN 100P Pilates Mat Class 0 Credits

DAN 100Q Accelerated Adult Ballet I 0 Credits

DAN 100R Accelerated Adult Ballet II 0 Credits

DAN 100S Accelerated Adult Ballet III 0 Credits

DAN 100T Accelerated Adult Ballet IV 0 Credits

DAN 100U World Dance Forms 0 Credits

DAN 100V Yoga 0 Credits

DAN 100W Tap 0 Credits

DAN 100X Ballet VII 0 Credits

DAN 100Y Hip Hop 0 Credits
Fusion dance influenced by older street dance styles.

DAN 100Z Movement Fundamentals 0 Credits

DAN 105 Survey of Dance History 3 Credits
An introductory course to familiarize students with the breadth and depth of dance in human society. It will chronologically examine dance through four lenses: Dance and Community, Dance and Religion, Dance and Politics, and Dance as Art. Students will be exposed to various dance forms from around the world with varying purposes, functions, and motivations from the beginning of recorded history to present.

DAN 111 Dance Lab 0 Credits

DAN 112 Ballet I: The Point of Departure 1 Credits
This is an entry- level, mandatory ballet class that covers all of the safest fundamental practices, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary.

DAN 113 Ballet II: Next Steps 1 Credits
This is a continuation of the safest fundamental practices covered in Ballet I, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary. In addition this course extends the coverage of discourse, terminology and vocabulary of the classical technique. DAN 113 may be repeated two times for a total of three credits.
Prerequisite(s): Ballet I or equivalent.

DAN 121 Introduction to Dance Science 3 Credits
This orientation to dance science will consider important aspects of the study of human performance including anatomy, biology, kinesiology, and psychology of movement and performance. Covered are the foundations and research findings in Movement Theory, Motor Development, and Well -Being. Topics include the Care and Prevention of Injuries, Movement Analysis, Dance Movement Therapy, Mind-body Connection, Dance Fitness and Optimal Performance.

DAN 151 Pilates and Modern 1 Credits

DAN 152 World Dance & Improvisation 1 Credits

DAN 180 History of Movement Theory 3 Credits
Investigation of the mind-body connection, somatic experience, body therapies, movement, and theories. The essential question is: How is it that we move with awareness, fluidity, efficiency, and precision?.

DAN 190 Dalcroze Eurythmics 3 Credits
This movement course familiarizes students with the basic elements of music theory (staff, clefs, time signatures, notations, chords, etc.) and the Dalcrozian principles regarding music, movement and improvisation.

DAN 201 Vaganova I 1 Credits
This studio course focuses on fundamental knowledge about the vocabulary, discourse, performance and style of the classical ballet, especially as it pertains to the Vaganova Technique.

DAN 202 Vaganova II 1 Credits
This studio course continues the development of knowledge concerning the vocabulary, discourse, performance and style of the classical ballet, expecially as it pertains to the Vaganova Technique. Repeatable twice for total of three times taken. May only be repeated if there are open spots after those taking it for the first time have registered.
Prerequisite(s): DAN 201.

DAN 210 Rider Dances: Repertory & Productions 1 Credits
This course provides an in-depth experience with the art of dance production from creation to performance. Students will be chosen to learn and perform repertory; fulfill technical roles such as sound, lighting and costume design; and assume production and managerial responsibilities such as promotion, publicity, front of house management and stage management.
Prerequisite(s): permission of instructor.

DAN 210T Rider Dances Rep&Produc:Tech 1 Credits

DAN 220 History of Choreography 3 Credits
This course prepares the dance student for the creating of dance through critical analysis, reading, writing and practical assignments. Students will examine creative process as applied to dance artists and various forms of dance.

DAN 300 Lecture & Studio in Dance 2 Credits
Dance 300 series is also designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for four classes per week at the Princeton Ballet School. One additional hour is comprised of video observation, lecture, or readings and is held at Rider's Lawrenceville campus. Prerequisite(s): permission of instructor; Dance Studio Courses Ballet I.

DAN 300A Ballet I 0 Credits

DAN 300B Ballet II 0 Credits

DAN 300C Ballet III 0 Credits

DAN 300D Ballet IV 0 Credits

DAN 300E Ballet V 0 Credits

DAN 300F Ballet VI 0 Credits

DAN 300G Jazz I 0 Credits

DAN 300H Jazz II 0 Credits

DAN 300I Jazz III 0 Credits

DAN 300J Modern Dance I 0 Credits

DAN 300K Modern Dance II 0 Credits

DAN 300L Modern Dance III 0 Credits

DAN 300M Spanish Dance I 0 Credits

DAN 300N Spanish Dance II 0 Credits

DAN 300O Spanish Dance III 0 Credits

DAN 300P Pilates Mat Class 0 Credits

DAN 300Q Accelerated Adult Ballet I 0 Credits

DAN 300R Accelerated Adult Ballet II 0 Credits

DAN 300S Accelerated Adult Ballet III 0 Credits

DAN 300T Accelerated Adult Ballet IV 0 Credits

DAN 300U World Dance Forms 0 Credits

DAN 300V Yoga 0 Credits

DAN 300W Tap 0 Credits

DAN 300X Ballet VII 0 Credits

DAN 300Y Choreography 0 Credits

DAN 300Z Movement Fundamentals 0 Credits

DAN 350 History of Ballet, Modern & Jazz Dance 3 Credits
Studies the major periods in the development of Western Theatrical Dance from the Renaissance to the present focusing on ballet, modern, jazz, tap and musical theater dance. The course will examine the ideas and individuals that caused the development of choreographers, producers, designers and productions.

DAN 450 Pedagogy and Methodology in Dance 3 Credits
This course provides the student with first-hand experience inside a classroom setting to broaden the students' understanding of dance techniques, teaching styles and strategies, analysis of skills and critical feedback, class preparation and design, and assessment. Course requirements include off-campus field work. Cross-listing existing entry-level teaching course with analogous graduate-level course (CURR 711).

DAN 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

DAN 491 Internship in Dance 1-4 Credits
Provides junior or senior dance majors with the practical experience of working within an educational or professional dance environment. Students must be sponsored by a dance professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

DAN 493 Special Topics in Dance Studio 1 Credits
This class covers a discrete movement style, technique, or form such as the choreography of Balanchine, the technique of Cecchiti or dance theater fusion.
Prerequisite(s): DAN 100.

DAN 495 Selected Topics in Dance History 3 Credits
Intensive study of a particular topic in dance history or theory. This may include one era, movement or nation's dance history and practice. Students will become deeply involved in an area through research, class discussions and group projects.

DAN 498 Senior Capstone 3 Credits

DAN 499 Seniors Honor Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Dance Science

Program Overview

A degree in Dance Science capitalizes on Rider's science offerings to produce a first-of-its-kind curriculum incorporating a wide variety of courses focused on human performance. Students will study the art and movement of dance - fundamentals of classical dance forms; history and theory of dance, composition and performance - along with biology, nutrition, anatomy, exercise physiology, kinesiology and injury prevention. They will understand socio-political-historical aspects of dance, and be able to discuss meaning in movement. Students will learn to integrate mind-body, and develop strength, coordination, flexibility, musicality, and expression, while studying the science of how to move safely and achieve personal, optimal performance.

Curriculum Overview

Students will learn how to conceptualize, create, and analyze dance as they study the art of movement. They will receive a comprehensive education in both the art of dance and the instrument of dance - the body. Students will have opportunities to both perform on stage and work, shadow, and research with our physical therapist who specializes in movement logic and injury prevention. Each student will select a capstone, multi-disciplinary, or research project. Understanding biomechanics will increase understanding and equip students with the skills, theoretical framework, and experience necessary to enter the workforce as dance teachers, choreographers, directors, producers, and candidates for graduate school in education, dance, or sciences.

Degree Offered

- B.A. in Dance Science

Contact

Drue Stapleton, Ph.D.
Associate Professor and Chairperson
Department of Health Sciences and Nursing
School of Science, Technology and Mathematics
Hennessy Science and Technology Center, 208E
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Related Programs:

- Dance (p. 144)
- Movement Science (p. 402)

Dance Science Program Requirements

General Remarks

For all majors offered in the Theatre & Dance Department, students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

(120 credits)

Code	Title	Credits
Required Science Courses		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	4
EXS 360	Foundations of Strength and Conditioning (includes Lab)	4
HSC 100	Intro to Human Nutrition	3
HSC 201	Nutrition for Exercise and Physical Activity	3
HSC 302 & 302L	Kinesiology and Kinesiology Lab	4
PSY 283	Sport Psychology	3
PSY 345	Health Psychology	3
Internship/Practicum and/or Research		**3**
DAN 490	Independent Research and Study	
or DAN 491	Internship in Dance	
or DAN 498	Senior Capstone	
Required Dance Course		
DAN 121	Introduction to Dance Science	3
Required Ensemble/Performance Courses		
DAN 111	Dance Lab (7 terms) [1]	0
DAN 210	Rider Dances: Repertory & Productions	1

DAN 210T	Rider Dances Rep&Produc:Tech	1
Required Applied Studio Courses		
DAN 112	Ballet I: The Point of Departure	1
DAN 113	Ballet II: Next Steps	1
DAN 201	Vaganova I	1
DAN 202	Vaganova II	1
DAN 100	Fundamentals of Dance [2]	4
or DAN 300	Lecture & Studio in Dance	
DAN 151	Pilates and Modern	1
DAN 152	World Dance & Improvisation	1
Studio Electives		
DAN 100	Fundamentals of Dance (including 1 credit of Combo: Mindbody)	4
or DAN 300	Lecture & Studio in Dance	
Dance History and Theory		
DAN 105	Survey of Dance History	3
DAN 180	History of Movement Theory	3
DAN 190	Dalcroze Eurythmics	3
DAN 220	History of Choreography	3
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 450	Pedagogy and Methodology in Dance	3
Suggested Core Courses		
MTH 105	Algebra and Trigonometry	4
PHL 304	Medical Ethics	3
PSY 100	Introduction to Psychology	3
SOC 101	Sociological Imagination	3
Additional Core Courses		**21**
Select courses in Languages, History, Writing, or Literature		
Free Electives		**10**
Total Credits		**120**

[1]

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

[2]

3 credits of Ballet, 1 credit of Hip Hop or Jazz

Note:

- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Academic Plan

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
DAN 105	Survey of Dance History	3
DAN 111	Dance Lab	0
DAN 112	Ballet I: The Point of Departure	1
DAN 121 or EXS 121	Introduction to Dance Science or Exercise Injury Control and Management	3
DAN 151	Pilates and Modern	1
PSY 100	Introduction to Psychology	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**18**
Spring Semester		
DAN 111	Dance Lab	0
DAN 113	Ballet II: Next Steps	1
DAN 152	World Dance & Improvisation	1
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 210T	Rider Dances Rep&Produc:Tech	1
MTH 105	Algebra and Trigonometry (or higher level math course)	4
CMP 125	Seminar in Writing and Research	3
	Semester Credit Hours	**13**
Year 2		
Fall Semester		
DAN 100	Fundamentals of Dance (Princeton Ballet Studio)	1
DAN 111	Dance Lab	0
DAN 180	History of Movement Theory	3
DAN 201	Vaganova I	1
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
PSY 100	Introduction to Psychology	3
SOC 101	Sociological Imagination	3
	Semester Credit Hours	**15**
Spring Semester		
DAN 100	Fundamentals of Dance (studio)	1
DAN 111	Dance Lab	0
DAN 190	Dalcroze Eurythmics	3
DAN 202	Vaganova II	1
HSC 100	Course HSC 100 Not Found	3
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
PSY 283	Sport Psychology	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
DAN 111	Dance Lab	0
DAN 220	History of Choreography	3
DAN 300	Lecture & Studio in Dance	2
HSC 201	Course HSC 201 Not Found	3

EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	4
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
DAN 100	Fundamentals of Dance	1
DAN 111	Dance Lab	0
DAN 210	Rider Dances: Repertory & Productions	1
DAN 450	Pedagogy and Methodology in Dance	3
HSC 302 & 302L	Kinesiology and Course HSC 302L Not Found	4
PHL 304	Medical Ethics	3
General Education		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
DAN 100	Fundamentals of Dance	1
DAN 111	Dance Lab	0
PSY 345	Health Psychology	3
DAN 491	Internship in Dance	1-4
General Education		6
Free Elective		6
	Semester Credit Hours	**17-20**
Spring Semester		
DAN 100	Fundamentals of Dance	1
DAN 498 or DAN 490 or DAN 491	Senior Capstone or Independent Research and Study or Internship in Dance	1-4
EXS 360 & 360L	Foundations of Strength and Conditioning and Foundations of Strength and Conditioning Lab	4
Free Electives		3
	Semester Credit Hours	**9-12**
	Total Credit Hours for Graduation	**117-123**

Courses and Descriptions

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

DAN 100 Fundamentals of Dance 1 Credits
Designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for two classes per week at the Princeton Ballet School. One additional hour per week is comprised of video observation, lecture, or readings, and is taught at Rider's Lawrenceville campus. Prerequisite(s): permission of dance advisor; Dance Studio Courses Ballet I.

DAN 105 Survey of Dance History 3 Credits
An introductory course to familiarize students with the breadth and depth of dance in human society. It will chronologically examine dance through four lenses: Dance and Community, Dance and Religion, Dance and Politics, and Dance as Art. Students will be exposed to various dance forms from around the world with varying purposes, functions, and motivations from the beginning of recorded history to present.

DAN 111 Dance Lab 0 Credits

DAN 112 Ballet I: The Point of Departure 1 Credits
This is an entry- level, mandatory ballet class that covers all of the safest fundamental practices, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary.

DAN 113 Ballet II: Next Steps 1 Credits
This is a continuation of the safest fundamental practices covered in Ballet I, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary. In addition this course extends the coverage of discourse, terminology and vocabulary of the classical technique. DAN 113 may be repeated two times for a total of three credits.
Prerequisite(s): Ballet I or equivalent.

DAN 151 Pilates and Modern 1 Credits

DAN 152 World Dance & Improvisation 1 Credits

DAN 180 History of Movement Theory 3 Credits
Investigation of the mind-body connection, somatic experience, body therapies, movement, and theories. The essential question is: How is it that we move with awareness, fluidity, efficiency, and precision?.

DAN 190 Dalcroze Eurythmics 3 Credits
This movement course familiarizes students with the basic elements of music theory (staff, clefs, time signatures, notations, chords, etc.) and the Dalcrozian principles regarding music, movement and improvisation.

DAN 201 Vaganova I 1 Credits
This studio course focuses on fundamental knowledge about the vocabulary, discourse, performance and style of the classical ballet, especially as it pertains to the Vaganova Technique.

DAN 202 Vaganova II 1 Credits
This studio course continues the development of knowledge concerning the vocabulary, discourse, performance and style of the classical ballet, expecially as it pertains to the Vaganova Technique. Repeatable twice for total of three times taken. May only be repeated if there are open spots after those taking it for the first time have registered.
Prerequisite(s): DAN 201.

DAN 121 Introduction to Dance Science 3 Credits
This orientation to dance science will consider important aspects of the study of human performance including anatomy, biology, kinesiology, and psychology of movement and performance. Covered are the foundations and research findings in Movement Theory, Motor Development, and Well -Being. Topics include the Care and Prevention of Injuries, Movement Analysis, Dance Movement Therapy, Mind-body Connection, Dance Fitness and Optimal Performance.

DAN 210 Rider Dances: Repertory & Productions 1 Credits
This course provides an in-depth experience with the art of dance production from creation to performance. Students will be chosen to learn and perform repertory; fulfill technical roles such as sound, lighting and costume design; and assume production and managerial responsibilities such as promotion, publicity, front of house management and stage management.
Prerequisite(s): permission of instructor.

DAN 210T Rider Dances Rep&Produc:Tech 1 Credits

DAN 220 History of Choreography 3 Credits
This course prepares the dance student for the creating of dance through critical analysis, reading, writing and practical assignments. Students will examine creative process as applied to dance artists and various forms of dance.

DAN 300 Lecture & Studio in Dance 2 Credits
Dance 300 series is also designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for four classes per week at the Princeton Ballet School. One additional hour is comprised of video observation, lecture, or readings and is held at Rider's Lawrenceville campus. Prerequisite(s): permission of instructor; Dance Studio Courses Ballet I.

DAN 350 History of Ballet, Modern & Jazz Dance 3 Credits
Studies the major periods in the development of Western Theatrical Dance from the Renaissance to the present focusing on ballet, modern, jazz, tap and musical theater dance. The course will examine the ideas and individuals that caused the development of choreographers, producers, designers and productions.

DAN 450 Pedagogy and Methodology in Dance 3 Credits
This course provides the student with first-hand experience inside a classroom setting to broaden the students' understanding of dance techniques, teaching styles and strategies, analysis of skills and critical feedback, class preparation and design, and assessment. Course requirements include off-campus field work. Cross-listing existing entry-level teaching course with analogous graduate-level course (CURR 711).

DAN 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

DAN 491 Internship in Dance 1-4 Credits
Provides junior or senior dance majors with the practical experience of working within an educational or professional dance environment. Students must be sponsored by a dance professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

EXS 320 Exercise Physiology 3 Credits
An entry level exploration of the physiological processes, metabolic requirements, and consequences of exercise in humans. Emphasis is placed on bioenergetics, as well as circulatory, respiratory, and neuromuscular responses to the physical stress of exercise performed for health and disease prevention.
Prerequisite(s): BIO 221, BIO 222.

EXS 321 Exercise Physiology Laboratory 1 Credits
EXS 321 is the laboratory course that accompanies EXS 320. Topics will include entry-level practical skills and competencies related to exercise capacity evaluation, interpretation of exercise data, and application of exercise interventions in a clinical setting. Prerequisite(s): BIO 221, 222 Co-requisite(s): EXS 320.

EXS 360 Foundations of Strength and Conditioning 4 Credits
This course examines the advanced methods and techniques associated with the design of strength and conditioning programs to enhance human performance in sport and fitness. This course is designed to develop, enhance, and apply knowledge and skills to prepare the student for the profession of strength and conditioning. Prerequisite(s): EXS 320, EXS 321, HSC 302.
Corequisite(s): EXS 360L.

HSC 100 Course HSC 100 Not Found Credits

HSC 201 Course HSC 201 Not Found Credits

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI. **Corequisite:** HSC 303.

HSC 302L Course HSC 302L Not Found Credits

MTH 105 Algebra and Trigonometry 4 Credits
The course is an in depth and rigorous study of functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses, trigonometric identities.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

SOC 101 Sociological Imagination 3 Credits
Introduction to principles and concepts for the sociological analysis of human societies. Social relations, social structure, and institutions characteristic of societies past and present are examined, and causes and directions of social change are considered. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

Elementary Education

Program Overview

The elementary education program at Rider's College of Education and Human Services prepares students for fulfilling teaching careers in America's diverse society. The College of Education and Human Services is accredited by the Council for the Accreditation of Education Preparation (CAEP), the highest accreditation possible in teacher education and we offer graduates added value and recognition nationwide when seeking employment or admission to graduate study.

Curriculum Overview

As they begin their path to becoming effective and skilled elementary school teachers, students in Rider's elementary education program engage in studies that provide an academic background for those subjects they will be teaching. Elementary Education majors have three pathways to choose from. They may select a second major in the College of Arts & Science or complete one of two stand-alone majors in the College of Education: Elementary Education: Multidisciplinary Studies (p. 207) or Elementary Education: STEM Studies (p. 220).

The fulfillment of the requirements of the second major in liberal arts or of the standalone education majors, together with general studies courses, provides a substantial liberal studies background as well as a foundation for professional development.

In addition, elementary education majors can elect to pursue the following minors, early childhood; middle school; English as a second language; bilingual education; and special education. Please see the Minor Requirements tab on this page for further information on these programs.

Degree Offered

- B.A. in Elementary Education

Contact

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education

Bierenbaum Fisher Hall 102D
609-896-5162
sdougherty@rider.edu

Program Website: Elementary Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)
Associated Department: Department of Teacher Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)

Accreditation Information

Council for the Accreditation of Education Preparation (CAEP) (http://caepnet.org/)

Related Programs

- Secondary Education (p. 54)

Elementary education majors may select one of three main paths. They may select a second major in the College of Arts & Science or complete one of two stand-alone majors in the College of Education: Elementary Education: Multidisciplinary Studies (p. 207) or Elementary Education: STEM Studies (p. 220). Students opting to complete a second major in the College of Arts & Sciences may complete any second major in the School of Humanities and Social Sciences or the School of Science, Technology, and Mathematics or a second major in dance studies, music production, or theater in the School of Communication, Media & Performing Arts. Students interested in special education might consider the dual major in Elementary Education and Psychology with Special Education, although the special education minor can be added to any of the elementary education major options described above.

The fulfillment of these second major or concentration requirements together with the general studies courses provides a substantial liberal studies background as well as a foundation for professional development. In addition to completing these requirements, all Rider University students are required to complete the Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) requirements.

Please see the second major selections below. (p. 156)

Elementary Education General Studies and Academic Major Requirements

(96-99 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
MTH 150	Mathematics for Education Majors I	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts elective		3
Foreign Language elective [1]		3
History elective		3
Literature elective		3
Requirements of a selected academic major (varies according to major or concentration)		34-66
Science electives (one lab)		7
Social Science elective		3
Technology elective		3
General Studies Electives (varies according to second major or concentration		6-16

Professional Education

(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 308	Fostering Language and Literacy Development	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website. (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/)

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Note: Students may be required to fulfill entrance requirements for certain second majors.

Second Major/Concentration Selections

College of Education and Human Services

- Multidisciplinary Studies Concentration
- STEM Studies

College of Arts and Sciences

- Behavioral Neuroscience
- Biochemistry
- Biology

- Chemistry
- Communication Studies
- Criminal Justice
- Dance Studies
- Earth Sciences
- English Literature
- English Writing
- Environmental Sciences
- Environmental Studies
- Film and Television
- Geology
- Graphic Design
- Health Sciences
- History
- Journalism
- Marine Sciences
- Mathematics
- Music Production
- Political Science
- Psychology
- Public Relations
- Radio and Podcasting
- Sociology
- Spanish
- Theatre: Contemporary Theatre Practice Concentration

Elementary Education Minor Requirements

Undergraduate elementary education majors can elect to pursue the following minors, certifications and endorsements:

- Early Childhood / Elementary Dual Licensure Progra (p. 157)m
- Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in a Content Area (p. 157)
- Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in Psychology (p. 158)
- Bilingual Education (p. 158)
- English as a Second Language (p. 158)
- Middle School Education (p. 158)
  - (p. 158)Middle School with a Subject Matter Specialization in Chinese (p. 159)
  - Middle School with a Subject Matter Specialization in French (p. 159)
  - Middle School with a Subject Matter Specialization in Spanish (p. 159)
- Certificate in Technology (p. 159)

Early Childhood/Elementary Dual Licensure Program

The early childhood/elementary dual licensure program leads to two teaching certificates: preschool through third grade (P–3) and elementary (kindergarten through sixth grade). In addition to the professional education courses required of elementary education students, students in this dual licensure program are required to take the following 12-credit sequence of courses:

Code	Title	Credits
PSY 230	Child Development	3
ECE 200	Infant and Toddler Care and Education	3
ECE 332	Families, Community, and Diversity in Early Childhood Education	3
ECE 450	Developmental Methods and Assessment in Early Childhood Education	3

This program is available to any student who maintains a 2.75 GPA and meets all other requirements for admission and retention in the elementary education program.

Note: Students seeking early childhood certification are required to also take and pass the Early Childhood Praxis test (5025) prior to student teaching.

For information regarding this program please contact:

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education
Bierenbaum Fisher Hall 102D
609-896-5162
sdougherty@rider.edu

Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in a Content Area

The elementary education interdisciplinary minor in special education is designed for students majoring in elementary education and a content area (other than psychology) who wish to effectively work with students with disabilities, particularly in inclusive settings. This program includes the courses required by the New Jersey Department of Education for a Teacher of Students with Disabilities licensure endorsement.

The 21-credit sequence of courses is to be taken in addition to the requirements of both the elementary education and content area majors. The required courses may be included as general studies electives where appropriate. Students enrolled in the interdisciplinary minor in special education are required to maintain a GPA of 2.75. The following courses are required for this program:

Code	Title	Credits
SPE 201	Foundations in Special Education and Inclusive Practice	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
PSY 212	Introduction to Applied Behavior Analysis	3
PSY 237	Cognitive Disabilities	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
Total Credits		**21**

For information regarding this program please contact:

Diane Casale-Giannola, Ed.D.
Professor

Bierenbaum Fisher Hall 102E
609-896-5078
dgiannola@rider.edu

Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in Psychology

This interdisciplinary minor in special education is designed for undergraduate students who are enrolled in elementary education with a second major in psychology. In addition to the courses required for the elementary education major, students enrolled in the minor program are required to take a specific sequence of courses within the psychology major. The following 15-credit sequence of courses is designed to teach concepts and applications in special education:

Code	Title	Credits
SPE 201	Foundations in Special Education and Inclusive Practice	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
Total Credits		**15**

Students enrolled in the interdisciplinary minor in special education are required to maintain a GPA of 2.75. The prescribed sequence of courses fulfills the requirements for a New Jersey Endorsement for Teacher of Students with Disabilities. Graduates of this dual licensure program also receive certification in elementary education.

For information regarding this program please contact:

Diane Casale-Giannola, Ed.D.
Professor
Bierenbaum Fisher Hall 102E
609-896-5078
dgiannola@rider.edu

Bilingual Education

Certification in bilingual education is available to elementary education majors and secondary education majors who upon completion of the program have demonstrated competence in both English and another language. Candidates for this certification will complete:

Code	Title	Credits
Multicultural Studies Elective [1]		3
EDU 320	Introduction to Linguistics and Psycholinguistics	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
Total Credits		**15**

Language proficiency evaluations such as the Oral Proficiency Interview (OPI) and Written Proficiency Test (WPT) are required.

1

Possible multicultural electives: SPA 102, SPA 311, SPA 325; MCS 110, MCS 220, MCS 280; AMS 210, AMS 212; COM 252; HIS 307; POL 235; SOC 207.

Language proficiency evaluations such as the Oral Proficiency Interview (OPI) and Written Proficiency Test (WPT) are required.

For information regarding this program please contact:

Maria Villalobos-Buehner, Ph.D.
Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

English as a Second Language

Certification in English as a second language (ESL) is available to elementary and secondary education majors. It may be achieved by an additional 3-6 credits by majors in English or a foreign language (French, German or Spanish). All candidates for this certification will complete:

(15 credits)

Code	Title	Credits
EDU 320	Introduction to Linguistics and Psycholinguistics	3
Multicultural Studies elective [1]		3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
Total Credits		**15**

1

Possible multicultural electives:SPA 102, SPA 311, SPA 325, MCS 110, MCS 220, MCS 280, AMS 210, AMS 212, COM 252, HIS 307, POL 235,SOC 207.

For information regarding this program please contact:

Maria Villalobos-Buehner, Ph.D.
Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

Middle School Education

The minor in middle school education leads to an endorsement in middle school teaching of either English, mathematics, social studies, science, Chinese, French or Spanish. In order to qualify for the middle school endorsement, students must major in elementary education, minor in middle school education, take the required five credits in middle school education listed below, take a minimum of 15 credits in one of the above disciplines, and must also take the Middle School Praxis test for their content area.

In addition to the professional education courses required of elementary education students, students in this program are required to take:

Code	Title	Credits
ELD 350	Early Adolescence	1
ELD 360	Structure and Culture of Middle School Classroom	1
Select one of the following, depending upon your discipline:		**3**
EDU 420	Teaching a Second Language (required for students completing a specialization in Chinese, French, or Spanish)	
ELD 380	Methods of Teaching Mathematics in the Middle School	
ELD 385	Teaching Science in the Middle School	
ELD 390	Teaching Social Studies in the Middle School	
ELD 395	Literacy Learning in the Middle School	
Total Credits		**5**

For information regarding this program please contact:

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education
Bierenbaum Fisher Hall 102D
609-896-5162
sdougherty@rider.edu

In addition to the Middle School Education requirements above, students who specialize in Chinese, French, or Spanish must complete the following required courses:

Middle School Minor with a Subject Matter Specialization in Chinese

(20 credits: 15 credits shown below plus 5 credits for the Middle School Education Minor)

Code	Title	Credits
Complete the following courses:		
CHI 100	Chinese I	3
CHI 101	Chinese II	3
CHI 200	Chinese III [1]	3
CHI 201	Chinese IV [1]	3
CHI 300	Advanced Chinese Reading and Composition	3
Total Credits		**15**

1

If placement is at the 300 level or above, two additional courses at the 300 level or above are needed to replace the 200 level courses.

Middle School Minor with a Subject Matter Specialization in French

(20 credits: 15 credits shown below plus 5 credits for the Middle School Education Minor)

Code	Title	Credits
Complete the following courses:		
FRE 200	French III [1]	3
FRE 201	French IV [1]	3
FRE 300	French Composition/Translation	3
FRE 305	An Introduction to French Literature	3
FRE 320	French Phonetics and Conversation	3
Total Credits		**15**

1

If placement is at the 300 level or above, two additional courses at the 300 level or above are needed to replace the 200 level courses.

Middle School Minor with a Subject Matter Specialization in Spanish

(20 credits: 15 credits shown below plus 5 credits for the Middle School Education Minor)

Code	Title	Credits
Complete the following courses:		
SPA 200	Spanish III [1]	3
SPA 201	Spanish IV [1]	3
SPA 300	Advanced Grammar & Composition	3
SPA 302	Writing and Translating	3
Select one course from the following:		**3**
SPA 320	Introduction to Spanish Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 403	Medieval Literature	
SPA 410	Modern Hispanic Poetry	
SPA 411	Modern Spanish Novel	
SPA 412	Theater and Film of the Hispanic World	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 415	Spanish Renaissance	
SPA 416	The Spanish Golden Age	
Total Credits		**15**

1

If placement is at the 300 level or above, two additional courses at the 300 level or above are needed to replace the 200 level courses.

For information regarding the Chinese, French or Spanish specializations please contact:

Maria Villalobos-Buehner, Ph.D.
Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

Certificate in Technology

Students enrolled in education who successfully complete nine credits in technology-based courses are eligible for a Rider University Certificate in Technology indicating proficiency in instructional technology. Transfer students may transfer in a maximum of three credits for an appropriate technology course. The certificate is issued by the Department of Teacher Education and is obtained from the chair of the department.

For information regarding this certificate please contact:

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education
Bierenbaum Fisher Hall 102D

609-896-5162
sdougherty@rider.edu

Academic Plans of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

- Elementary Education / Behavioral Neuroscience (p. 160)
- Elementary Education / Biochemistry (p. 161)
- Elementary Education / Biology (p. 162)
- Elementary Education / Chemistry (p. 163)
- Elementary Education / Communication Studies (p. 164)
- Elementary Education / Criminal Justice (p. 165)
- Elementary Education / Dance (p. 166) Studies (p. 166)
- Elementary Education / Earth Sciences (p. 168)
- Elementary Education / English Literature (p. 169)
- Elementary Education / English Writing (p. 170)
- Elementary Education / Environmental Sciences (p. 171)
- Elementary Education / Environmental Studies (p. 172)
- Elementary Education / Film and Television (p. 167)
- Elementary Education / Geology (p. 174)
- Elementary Education / Graphic Design (p. 175)
- Elementary Education / Health Sciences (p. 176)
- Elementary Education / History (p. 177)
- Elementary Education / Journalism (p. 178)
- Elementary Education / Marine Sciences (p. 179)
- Elementary Education / Mathematics (p. 180)
- Elementary Education / Music Production (p. 182)
- Elementary Education / Political Scienc (p. 181)e (p. 181)
- Elementary Education / Psychology (p. 183)
- Elementary Education / Public Relation (p.)s (p.)
- Elementary Education / Radio and Podcasting (p. 185)
- Elementary Education / Sociology (p. 186)
- Elementary Education / Spanish (p. 187)
- Elementary Education / Theater: Contemporary Theatre Practice (p. 188)

Academic Plan for Elementary Education / Behavioral Neuroscience

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
Technology Elective		2
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
BNS 250 & 250L or ENV 200 or MTH 120	Biostatistics or Statistical and Computer Applications in the Natural Sciences or Introduction to Applied Statistics	3-4
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab	4
PSY 100	Introduction to Psychology	3
History Elective		3
Foreign Language Elective [1]		3
	Semester Credit Hours	**16-17**
Spring Semester		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	4
BNS 310 & 310L	Neurobiology and Neurobiology Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Literature Elective		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
Two Upper-level Neuroscience:		8
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Fine Arts Elective		3
General Studies Elective		3
	Semester Credit Hours	**17**

Spring Semester		
Select two Biology/Psychology electives:		8
BIO 260 or higher with a lab		
Psy 200 or higher		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
General Studies Elective		3
Technology Elective		1
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
One Upper-Level Neuroscience		4
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
or		
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
BNS 415	Seminar in Behavioral Neuroscience	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		1
	Semester Credit Hours	**14**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**125-126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Biochemistry

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
Technology Elective		2
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & CHE 214L	Organic Chemistry I and Organic Chemistry II Lab	4
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 & 265L	Genetics and Genetics Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
History Elective		3
Technology Elective		1
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
BCH 325	Biochemistry	3
BCH 326	Biochem and Enzymology I Lab	1

CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
PHY 200 & 200L	General Physics I and General Physics I Lab	4
	Semester Credit Hours	**18**
Spring Semester		
BCH 330	Biochemistry II	3
BCH 331	Biochemistry II Lab	1
PHY 201 & 201L	General Physics II and General Physics II Lab	4
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
Literature Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BCH 490	Independent Study: Research and Creative Expression	3
CHE 305	Physical Chemistry I	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Advanced Biochemistry Elective Course [5]		1-4
Advanced Biochemistry Elective Course [5]		1-4
Social Science Elective		3
	Semester Credit Hours	**17-23**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**131-137**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Five or more credits of upper level biochemistry courses required. At least two of the five credits must be connected to laboratory courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Biology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 105	Algebra and Trigonometry [1]	4
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
MTH 210 or BNS 250	Calculus I or Biostatistics	4
CMP 125	Seminar in Writing and Research	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
Social Science Elective		3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 & BIO 260L	Genetics and Principle of Biology: Cells Lab	4

CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
BIO 265 or higher BIO/BNS Course and Lab		4
SPE 300	Inclusive Practices for General Education Teachers	3
History Elective		3
Literature Elective		3
Choose either sequence:		4
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
or		
PHY 200 & 200L	General Physics I and General Physics I Lab	
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 or higher BIO/BNS Course and Lab		4
Choose either sequence:		4
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
or		
PHY 200 & 200L	General Physics I and General Physics I Lab	
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Technology Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BIO 265 or higher BIO/BNS Course and Lab		4
BIO 400	Seminar in Cellular and Molecular Biology	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Fine Arts Elective		3
	Semester Credit Hours	**16**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Chemistry

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
Foreign Language Elective [1]		3
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
COM 104	Speech Communication	3
MTH 212	Calculus III	4

PHY 200 & 200L	General Physics I and General Physics I Lab	4
Fine Arts Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
Social Science Elective		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
CHE 305	Physical Chemistry I	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
SPE 300	Inclusive Practices for General Education Teachers	3
	Semester Credit Hours	**16**
Spring Semester		
CHE 325	Physical Chemistry Laboratory	1
CHE 330	Instrumental Analysis Laboratory	2
General Studies Elective		3
General Studies Elective		3
General Studies Elective		3
Literature Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BCH 325	Biochemistry	3
CHE 315	Inorganic Chemistry	3
CHE 316	Inorganic Chemistry Laboratory	1
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Advanced Lab Course [5]		1-2
Advanced Lab Course [5]		1-2
	Semester Credit Hours	**15-17**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**127-129**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Advanced laboratory course: a total of four lab credits required.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Communication Studies

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
Science Elective (bio/phy)		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 2		
Fall Semester		
COM 107	Writing for the Media	3
COM 264	Digital Media: Theory and Practice	3

EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Literature Elective		3
	Semester Credit Hours	**15**
Spring Semester		
COM 131	Fundamentals of Video Production	3
COM 201 or COM 205	Communication Theory or Persuasion	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
COM 204	Advanced Speech Communication	3
COM 302	Communication Ethics	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
One Course from Communication and Culture or Organizational Communication Emphasis [4]		3
General Studies Elective		2
	Semester Credit Hours	**17**
Spring Semester		
COM 301	Communication Law	3
COM 350	Team & Group Communication	3
One 300 Level Course from Communication and Culture or Organizational Communication Emphasis [4]		3
General Studies Elective		3
General Studies Elective		3
Social Science Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
COM 348	Communication Research Methods	3
COM 452 or COM 491	Seminar in Communication Studies or Internship in Communication	3
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

Two courses from any one emphasis (Communication and Culture **or** Organizational Communication). At least one course must be at the 300 level.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Criminal Justice

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
SOC 101	Sociological Imagination	3
MTH 150	Mathematics for Education Majors I	3
History Elective		3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
PHL 115	Ethics	3
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOC 206	Deviance and Crime	3
Category III Course [2]		3

EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
Science Elective (BIO / PHY)		3
General Studies Elective [4]		2
	Semester Credit Hours	**17**
Spring Semester		
Category III Course [2]		3
Category IV Course [2]		3
Fine Arts Elective		3
Science Elective with Lab (BIO / PHY)		4
SPE 300	Inclusive Practices for General Education Teachers	3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
Category II Course [2]		3
Category III Course [2]		3
Category IV Course [2]		3
Literature Elective		3
Technology Elective		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
Category IV Course [2]		3
SOC 307	Criminal Justice Practice	3
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Cateogry IV Course [2]		3
Category V Course [2]		3
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
SOC 460	Criminal Justice Senior Seminar	3
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**126**

1 For proper course placement please visit this website. (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2 Please see requirements for Criminal Justice Major (p. 132).

3 EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4 ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educations Test (Test Code 5752) in order to register for these courses.

5 ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6 Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Dance Studies

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
DAN 105 or DAN 180 or DAN 220	Survey of Dance History or History of Movement Theory or History of Choreography	3
DAN 111	Dance Lab	0
DAN 112	Ballet I: The Point of Departure	1
DAN 151	Pilates and Modern	1
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
	Semester Credit Hours	**14**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
DAN 111	Dance Lab	0
DAN 113	Ballet II: Next Steps	1
DAN 152	World Dance & Improvisation	1
DAN 350	History of Ballet, Modern & Jazz Dance	3
PSY 100	Introduction to Psychology	3
Technology Elective		3
	Semester Credit Hours	**17**

Year 2		
Fall Semester		
DAN 100	Fundamentals of Dance	1
DAN 111	Dance Lab	0
DAN 201	Vaganova I	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Arts History Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**15**
Spring Semester		
DAN 100	Fundamentals of Dance	1
DAN 111	Dance Lab	0
DAN 190	Dalcroze Eurythmics	3
DAN 202	Vaganova II	1
General Studies Electives		6
Science Elective (bio/phy)		3
Social Science Elective		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
DAN 300	Lecture & Studio in Dance	2
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
SPE 300	Inclusive Practices for General Education Teachers	3
Arts History Elective		3
General Studies Elective		3
	Semester Credit Hours	**17**
Spring Semester		
DAN 300	Lecture & Studio in Dance	2
DAN 450	Pedagogy and Methodology in Dance	3
Arts History Elective		3
General Studies Electives		6
History Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
DAN 300	Lecture & Studio in Dance	2
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		6
Literature Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Film and Television

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
FTV 135	Filmmaking I	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
FTV 230	Foundations of Film, Television and Radio	3
PSY 100	Introduction to Psychology	3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3

EDU 206	Developmental Education Psychology [2]	3
FTV 235 or FMS 252	Filmmaking II or American Film History: Origins to 1960	3
FMS 250 or FMS 252	Global Film History: Origins to 1960 or American Film History: Origins to 1960	3
FMS 284	Language of Film Analysis	3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
FTV 238	Screenplay Fundamentals	3
FMS 251 or FMS 253	Global Film History: 1961 to Present or American Film History: 1961 to Present	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
Literature Elective		3
Science Elective (BIO / PHY)		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Filmmaking Elective		3
FTV Elective Course		3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
General Studies Elective		3
Two Filmmaking Electives		6
Two FTV Electives		6
Science Elective (bio/phy)		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
COM 399 or FMS 484	The Co-Operative Experience or Seminar in Cinema Studies	3
General Studies Electives		6
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Earth Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
PHY 180	Astronomy	3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**17**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
COM 104	Speech Communication	3
Foreign Language [1]		3
ENV 220 or BIO 116/ BIO 116L	Weather and Climate Change or Principles of Biology II	3-4
	Semester Credit Hours	**16-17**

Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
History Elective		3
Literature Elective		3
	Semester Credit Hours	**14**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
One Major Concentration Requirement or Elective [3]		3-4
One Foundational Course or Concentration Requirement [3]		4
Social Science Elective		3
	Semester Credit Hours	**16-17**
Year 3		
Fall Semester		
ENV 340	Environmental Field Methods and Data Analysis (or other Major Concentration Requirement or Elective)	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
One Major Concentration Requirement or Elective [3]		4
Technology Elective		3
	Semester Credit Hours	**16**
Spring Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
General Studies Electives		4
Two Major Concentration Requirements or Electives [3]		6-8
	Semester Credit Hours	**16-18**
Summer Semester		
MAR 380 or MAR 300	The Learning and Teaching of Marine Science (or approved Geology Field Course from another institution) or Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
Two Major Concentration Requirements or Elective [3]		6-8
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
General Studies Elective		3
	Semester Credit Hours	**15-17**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126-132**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 (http://catalog.rider.edu/search/?P=EDU%20106) and EDU 206 (http://catalog.rider.edu/search/?P=EDU%20206) must be taken concurrently in either the fall or spring of the second year.

3

Courses selected should be made with the approval of the Earth Sciences academic advisor.

4

ELD 307 (http://catalog.rider.edu/search/?P=ELD%20307) and ELD 375 (http://catalog.rider.edu/search/?P=ELD%20375) must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5

ELD 308 (http://catalog.rider.edu/search/?P=ELD%20308) and ELD 376 (http://catalog.rider.edu/search/?P=ELD%20376) must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / English Literature

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3

History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
Foreign Language Elective [1]		3
General Studies Elective		3
Science Elective (BIO or PHY)		3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
General Studies Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ENG 251	Literary History II	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
Science Elective with Lab (BIO or PHY)		4
General Studies Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Genre/Theoretical/Sub-Genre Category)		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Genre/Theoretical/Sub-Genre Category)		3
General Studies Elective		3
General Studies Elective		2
	Semester Credit Hours	**14**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
ENG 300 or 400 Level Course (Any Category)		3
ENG 400 Level Course (Seminar Category)		3
ENG 400 Level Course (Any Category)		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Cole 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / English Writing

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3

History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ENG 206	Introduction to Creative Writing	3
Science Elective (BIO or PHY)		3
Foreign Language Elective [1]		3
General Studies Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Social Science Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ENG 251	Literary History II	3
SPE 300	Inclusive Practices for General Education Teachers	3
ENG 300 Level Writing/Genre Course		3
Fine Arts Elective		3
Science Elective with a Lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
ENG 300 Level Literature Course		3
ENG 300 Level Writing/Genre Course		3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 300 Level Writing/Genre Course		3
ENG 300 Level Literature Course		3
ENG 300 Level Writing/Genre Course		3
General Studies Elective		3
General Studies Elective		3
General Studies Elective		2
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
ENG 300 Level Writing Course		3
ENG 300 Level Writing Course		3
ENG 400 Level Writing Course		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering forELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Environmental Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4

MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100 or GEO 113	Earth Systems Science or Environmental Geology	3
GEO 102	Earth Materials and Processes Lab	1
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
Foreign Language Elective [1]		3
History Elective		
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Fine Arts Elective		3
Technology Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	4
ENV 205	Introduction to Geographic Information Systems	3
BIO 350 & 350L	General Ecology and General Ecology Lab	4
	Semester Credit Hours	**17**
Spring Semester		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	4
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	4
or GEO 407, 407L		
Environmental Science or Policy & Humanities Elective		3-4
SPE 300	Inclusive Practices for General Education Teachers	3
Social Science Elective		3
	Semester Credit Hours	**17-18**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Two Environmental Science or Policy & Humanities Elective		6-8
Literature Elective		3
	Semester Credit Hours	**15-17**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**124-127**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Environmental Studies

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CMP 120	Seminar in Writing and Rhetoric	3
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 102	Earth Materials and Processes Lab	1
Foreign Language Elective [1]		3
Select one of the following:		3
GEO 100	Earth Systems Science	
GEO 113	Environmental Geology	
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENV 220	Weather and Climate Change	3
Social Science Elective		3
One Policy and Humanities Elective [3]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
ENV 205	Introduction to Geographic Information Systems	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Literature Elective		3
	Semester Credit Hours	**16**
Spring Semester		
Select one of the following:		3-4
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
ENV 340	Environmental Field Methods and Data Analysis	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
SPE 300	Inclusive Practices for General Education Teachers	3
One Policy and Humanities Elective [3]		3
General Studies Elective		3
Technology Elective		3
	Semester Credit Hours	**15-16**
Year 4		
Fall Semester		
BIO 350 & 350L	General Ecology and General Ecology Lab	4
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
One Policy and Humanities Course [3]		3
Two Policy and Humanities Electives (not already taken) [6]		6
	Semester Credit Hours	**19**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126-127**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/first-year-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

Policy and Humanities Electives - HIS 224, PHL 215, POL 328, POL 329.

4

ELD 307 and ELD 308 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Policy and Humanities Electives (select two not already chosen) - AMS 304, BHP 259, PHL 215, HIS 224, IND 316, POL 215, POL 328, POL 329, POL 330, SOC 225.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Geology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
Foreign Language Elective [1]		3
	Semester Credit Hours	**14**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
History Elective		3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	4
Literature Elective		3
Techology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
GEO 310 & 310L	Structural Geology and Structural Geology Lab	4
GEO 350 or GEO 407	Soil and Surficial Processes or Hydrology and Water Resources	4
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
ENV 205	Introduction to Geographic Information Systems	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Major Elective [4]		3
	Semester Credit Hours	**16**
Spring Semester		
GEO 305 & 305L	Petrology and Petrography and Petrology and Petrography Lab	4
GEO 350 & 350L or GEO 407 ***and*** GEO 407L	Soil and Surficial Processes or Hydrology and Water Resources ***and*** Hydrology and Water Resources Lab	4
Major Elective [4]		3
Fine Arts Elective		3
Social Science Elective		3
	Semester Credit Hours	**17**
Summer Semester		
An approved geology field camp (not offered at Rider)		3
	Semester Credit Hours	**3**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
GEO 304 & 304L	Elements of Mineralogy and Mineralogy Lab	4
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
SPE 300	Inclusive Practices for General Education Teachers	3
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**131**

1

For proper course placement please visit this website. (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

Must take one major elective: ENV 200, ENV 375, GEO 168, MAR 340.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Graphic Design

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Science Elective (bio/phy)		3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 107	Writing for the Media	3
COM 131	Fundamentals of Video Production	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
COM 106	Writing for the Communication Professions	3
COM 212	Digital Publication Design	3
COM 264	Digital Media: Theory and Practice	3
COM 262	Graphic Imaging for Digital Media	3
Fine Arts Elective		3
General Studies Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
Select one of the following:		3
ART 103	Fundamentals of Drawing	
ART 105	Design	
COM 361	Photography	
COM 263	History and Principles of Graphic Design	3
COM 360	Advanced Publication Design and Presentation	3
COM 366	Project Management in Graphic Design	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
	Semester Credit Hours	**18**
Spring Semester		
COM 301	Communication Law	3
COM 462	Advanced Graphic Design and Portfolio	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 400	Senior Seminar Communication	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Health Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 105	Algebra and Trigonometry [1]	4
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
PSY 100	Introduction to Psychology	3
CMP 125	Seminar in Writing and Research	3
Fine Arts Elective		3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 260	Principles of Biology: Evolution, Diversity, and Biology of Cells	4
BNS 250 & 250L	Biostatistics and Biostatistics Lab	4
COM 104	Speech Communication	3
Foreign Language Elective [1]		3
SOC 101	Sociological Imagination	3
	Semester Credit Hours	**17**
Spring Semester		
Category I Elective [2]		3-4
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
History Elective		3
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**18-19**
Year 3		
Fall Semester		
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
HTH 205	Introduction to Health Care	3
Category II Elective [5]		4
	Semester Credit Hours	**17**
Spring Semester		
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
HTH 215	Population Health Care Management	3
PHL 304	Medical Ethics	3
PSY 345	Health Psychology	3
SOC 346	Health Care and Society	3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
Category I Elective [2]		3-4
Category II Elective [5]		4
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
SPE 300	Inclusive Practices for General Education Teachers	3
Seminar Capstone in Health Sciences		3
	Semester Credit Hours	**19-20**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
GLS 325	Global Perspectives on Health and Illness	3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**134-136**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

One course from Category I: BCH 225, BIO 206, CHE 211, CHE 214, PHY 100 and PHY 100L or PHY 200 and PHY 200L, PHY 101 and PHY 101L or PHY 201 and PHY 201L, PSY 220.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5

One course from Category II: BIO 265, BIO 300, BIO 305, BIO 370, BNS 310, or BNS 360.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / History

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
HIS 160	Seminar in History	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
HIS 151	World History Since 1500	3
HIS 180 or HIS 181	U.S. History I or U.S. History II	3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
HIS 190 or HIS 191	Europe to 1715 or Europe Since 1715	3
Upper Level History Elective (HIS 200-399) [2]		3
General Studies Elective		3
Literature Elective		3
Science Elective with a Lab (bio/phy)		4
	Semester Credit Hours	**16**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
Fine Arts Elective		3
Science Elective (bio/phy)		3
Upper Level History Elective (HIS 200-399)		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
HIS 260	Craft of History	3
Two Upper Level History Electives (HIS 200-399)		6
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		2
General Studies Elective		3
Select two of the following:		**6**
Upper Level History Electives (HIS 200-399) or		
HIS 491	Internship in History	
Technology Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
ELD 308	Fostering Language and Literacy Development [5]	3
HIS 460	Research Seminar	3
Upper Level History Elective (HIS 200-399)		3
Upper Level History Elective (HIS 200-399)		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

Program must include at least two courses at the 200 level and at least two at the 300 level. At least two courses must be Diversity courses.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Journalism

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
Foreign Language Elective [1]		3
History Elective		3
MTH 150	Mathematics for Education Majors I	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 102	Introduction to News Writing	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 264	Digital Media: Theory and Practice	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Fine Arts Elective		3
	Semester Credit Hours	**15**
Spring Semester		
COM 204	Advanced Speech Communication	3
COM 210	News Reporting and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
COM 211	Copy Editing	3
COM 212	Digital Publication Design	3
COM 315	Computer Assisted Reporting	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Science Elective (bio/phy)		3
	Semester Credit Hours	**18**
Spring Semester		
COM 301	Communication Law	3
COM 316	Feature Writing	3
General Studies Elective		3
Journalism Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 400	Senior Seminar Communication	3
COM 415	In-Depth Reporting	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		2
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Marine Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Foreign Language Elective [1]		3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
Fine Arts Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2psy 230]	3
History Elective		3
Social Science Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
SPE 300	Inclusive Practices for General Education Teachers	3
	Semester Credit Hours	**17**
Spring Semester		
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	4
MAR 410	Physical Oceanography	3
PHY 101	Principles of Physics II	3
PHY 101L	Principles of Physics II Lab	1
Literature Elective		3
Major Elective [4]		4
	Semester Credit Hours	**18**
Summer Semester		
MAR 300	Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
ELD 308	Fostering Language and Literacy Development [5]	3
MAR 340	Marine Processes and Environments: Seminar	3
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	4

Major Elective [4]		3-4
	Semester Credit Hours	**16-17**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**132-133**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

Major Electives: BIO 372, ENV 205, MAR 210, MAR 325, MAR 360.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Mathematics

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
Foreign Language Elective [1]		3
History Elective		3
MTH 210	Calculus I [1]	4
	Semester Credit Hours	**16**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
PSY 100	Introduction to Psychology	3
Social Science Elective		3
Fine Arts Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 212	Calculus III	4
MTH 240	Linear Algebra	3
PHY 200 & 200L	General Physics I and General Physics I Lab	4
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
MTH 250	Differential Equations	3
MTH 315	Modern Geometry	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
MTH 308	Advanced Calculus	3
MTH 340	Probability & Statistical Analysis I	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MTH 410	Complex Analysis	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
General Studies Elective		1
General Studies Elective		3
Mathematics Elective		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
MTH 401	Modern Algebra	3
Mathematics Elective		3
Mathematics Elective		3
General Studies Elective		3
	Semester Credit Hours	**18**

Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 (http://catalog.rider.edu/search/?P=EDU%20106) and EDU 206 (http://catalog.rider.edu/search/?P=EDU%20206) must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 (http://catalog.rider.edu/search/?P=ELD%20307) and ELD 375 (http://catalog.rider.edu/search/?P=ELD%20375) must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Political Science

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
POL 102	Power, Politics and Justice	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
POL 100	U.S. Politics in Crisis	3
PSY 100	Introduction to Psychology	3
Science Elective with lab (bio/phy)		4
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Choose one of the following:		3
POL 239	Modern Political Theory	
POL 340	Modern Democracy and Its Critics	
POL 342	Contemporary Political Theory: Freedom and Authority	
POL 343	American Political Thought	
Science Elective (bio/phy)		3
Fine Arts Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
POL 202	The Political System - Theories and Themes	3
Choose one of the following:		3
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 325	Public Administration	
POL 326	Power in American Politics	
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
Literature Elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Choose one of the following:		3
POL 235	Race and Ethnicity in American Politics	
POL 305	Political Parties and Electoral Behavior	
POL 312	Congressional Politics	
POL 313	American Presidency	
General Studies Elective		3
General Studies Elective		3
Political Science Elective (any level)		3
	Semester Credit Hours	**18**
Spring Semester		
POL 491	Internship in Political Science	3
Choose one of the following:		3
POL 216	Comparative Political Systems	
POL 320	Politics of the Middle East	
POL 318	Conflict Resolution	
POL 365	Politics of the Developing World	
General Studies Elective		3

General Studies Elective		2
Upper-level Political Science Elective		3
Upper-level Political Science Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Choose one of the following:		3
POL 215	Global Politics	
POL 225	Nationalism in World Politics	
POL 321	International Law	
POL 371	The Arab-Israeli Conflict	
POL 450	Seminar in Political Science	3
Upper-level Political Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Music Production

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MUS 205	History of Pop and Rock Part I	3
MUS 213	Digital Composition of Popular Music	3
MTH 150	Mathematics for Education Majors I	3
Applied/Media Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
MUS 113	Popular Music Theory I	3
MUS 113L	Popular Music Theory Lab I	1
MUS 206	History of Pop and Rock Part 2	3
MUS 313	Digital Synthesis	3
PSY 100	Introduction to Psychology	3
Applied/Media Elective		1
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
COM 104	Speech Communication	3
MUS 204	Jazz History	3
Applied/Media Elective		3
Culture/History Elective		3
Foreign Language Elective [1]		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
MUS 106	Survey of Music History II	3
MUS 214	Writing about Music	3
Applied Music Elective		1
Culture/History Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MUS 308	World Music	3
SPE 300	Inclusive Practices for General Education Teachers	3
Applied/Media Elective		1
Culture/History Elective		3
History Elective		3
Science Elective (bio/phy)		3
Science Lab		1
	Semester Credit Hours	**17**
Spring Semester		
ELD 307	Emergent Literacy P-3 [3]	3

ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Culture/History Elective		3
Department Elective		3
Literature Elective		3
Science Elective (bio/phy)		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
Department Elective		3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
MUS 498	Popular Music Culture Capstone	3
Department Elective		3
Department Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**131**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Psychology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	4
200 Level Psychology Developmental Pillar		3
Technology Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
PSY 201	Statistics and Research Design	3
200 Level Psychology Biological Foundations Pillar		3
General Studies Elective		3
Literature Elective		3
Science Elective with Lab (BIO / PHY)		4
	Semester Credit Hours	**16**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
200 Level Psychology Cognition Pillar		3
200 Level Psychology Social & Personality Pillar		3
300 Level Psychology Research Methods with Lab		4
General Studies Elective		2
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
SPE 300	Inclusive Practices for General Education Teachers	3
Psychology 200 Level Mental & Behaviorial Health Pillar		3
Psychology 300 Level Pillar Depth Course 1		3
Fine Arts Elective		3
	Semester Credit Hours	**18**
Spring Semester		
Psychology 300 Level Pillar Depth Course 2		3
Psychology 300 Level Pillar Depth Course 3		3
General Studies Elective		3
General Studies Elective		3

General Studies Elective		2
Science Elective (BIO / PHY)		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Psychology 300 Level Pillar Depth Course		3
Senior Level Requirement		3
One from the following:		4
PSY 400	Senior Seminar	
PSY 490	Independent Study: Research and Creative Expression	
PSY 491	Internship in Psychology	
General Studies Elective		3
	Semester Credit Hours	**19**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**131**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Public Relations

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
Science Elective (bio/phy)		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 107	Writing for the Media	3
COM 131	Fundamentals of Video Production	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Spring Semester		
COM 264	Digital Media: Theory and Practice	3
COM 204	Advanced Speech Communication	3
SPE 300	Inclusive Practices for General Education Teachers	3
Literature Elective		3
Social Science Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
COM 212	Digital Publication Design	3
COM 240	Public Relations	3
COM 301	Communication Law	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
	Semester Credit Hours	**15**
Spring Semester		
COM 302	Communication Ethics	3
COM 316	Feature Writing	3
COM 348	Communication Research Methods	3
General Studies Elective		3
General Studies Elective		3

Public Relations Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
COM 341	Public Relations Writing and Strategy	3
COM 400	Senior Seminar Communication	3
COM 440	Cases & Campaigns in Public Relations	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		2
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Radio and Podcasting

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Social Science Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Fine Arts Elective		3
Radio Major Requirement		3
	Semester Credit Hours	**15**
Spring Semester		
COM 233	Writing for Broadcast	3
COM 264	Digital Media: Theory and Practice	3
SPE 300	Inclusive Practices for General Education Teachers	3
Literature Elective		3
General Studies Elective		2
Radio Major Requirement		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
COM 301	Communication Law	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
General Studies Elective		3
Two Radio Major Requirements		6
	Semester Credit Hours	**18**
Spring Semester		
COM 302	Communication Ethics	3
Science Elective (bio/phy)		3
General Studies Elective		3
Two Radio Major Requirements		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 400	Senior Seminar Communication	3

COM 431 or COM 434	Advanced Television News Production or Advanced Structure of Sound in Podcasting and Radio	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		3
Radio Major Requirement		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Sociology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
Foreign Language Elective [1]		3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
SOC 101	Sociological Imagination	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
PSY 100	Introduction to Psychology	3
History Elective		3
Science Elective (BIO or PHY)		3
SOC 201	Intro Seminar in Sociology	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Required Sociology Elective (1 of 6) [3]		3
Required Sociology Elective (2 of 6) [3]		3
Technology Elective		3
	Semester Credit Hours	**15**
Spring Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
Literature Elective		3
Science Elective with a lab (BIO or PHY)		4
Required Sociology Elective (3 of 6) [3]		3
Required Sociology Elective (4 of 6) [3]		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
General Studies Elective		3
Fine Arts Elective		3
SOC 314	Social Theory	3
Sociology Requirement 300 Level (1 of 3)		3
	Semester Credit Hours	**18**
Spring Semester		
SOC 301	Methods of Sociological Research	3
General Studies Elective		2
General Studies Elective		3
General Studies Elective		3
Required Sociology Elective (5 of 6) [3]		3
Sociology Required 300 Level (2 of 3)		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
SOC 400	Senior Seminar	3

General Studies Elective		3
Required Sociology Elective (6 of 6) [3]		3
Required Sociology 300 Level (3 of 3)		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Choose from SOC 311, SOC 315, SOC 317, SOC 330, SOC 340, or SOC 355.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Spanish

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
SPA 200	Spanish III [1]	3
	Semester Credit Hours	**15**
Spring Semester		
SPA 201	Spanish IV	3
CMP 125	Seminar in Writing and Research	3
SPA 310 or SPA 311 or SPA 312	Spanish Culture & Civilization or Latin American Cultures or Latinx Cultures	3
History Elective		3
Science Elective (BIO / PHY)		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SPA 300 or SPA 302	Advanced Grammar & Composition or Writing and Translating	3
SPA 320	Introduction to Spanish Literature	3
Select one of the following:		**3**
CHI 100	Chinese I	
FRE 100	French I	
GER 100	German I	
Fine Arts Elective		3
Science Elective with Lab (BIO/PHY))		4
ITA 100	Italian I	
	Semester Credit Hours	**16**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
SPA 325	Introduction to Latin-American/Latino Literature	3
SPA 301 or SPA 303	Spanish for Business or Advanced Communication and Popular Cultures	3
CHI, FRE, GER or ITA 101		3
General Studies Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
CHI, FRE, GER or ITA 200		3
LIT 250	Masterworks of Western Literature I	3
SPA 420 or SPA 312	From Colonies to Nations or Latinx Cultures	3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
LIT 251	Masterworks of Western Literature II	3
SPA 426 or SPA 416	Latin American/Latino Film and Fiction or The Spanish Golden Age	3

SPA 305	Cervantes	3
or SPA 416	or The Spanish Golden Age	
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		2
General Studies Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
EDU 420	Teaching a Second Language [4]	3
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
SPA 410	Modern Hispanic Poetry	3
or SPA 411	or Modern Spanish Novel	
or SPA 412	or Theater and Film of the Hispanic World	
or SPA 413	or The Hispanic Short Story: Transatlantic Connections	
SPA 490	Independent Study: Research and Creative Expression	3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

Academic Plan for Elementary Education / Theater: Contemporary Theatre Practice

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab	0
THE 118	Visual Imagination	3
THE 190	Production I	1
Foreign Language Elective [1]		3
	Semester Credit Hours	**16**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
PSY 100	Introduction to Psychology	3
THE 111	Theatre Lab	0
THE 115	Stagecraft	3
THE 190	Production I	1
History Elective		3
Contemporary Theater Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
THE 111	Theatre Lab	0
THE 105	Theatre History to 1700	3
THE 240	Script Analysis	3
THE 190	Production I	1
THE 207	Contemporary Theatre	3
Literature Elective		3
Social Science Elective		3
	Semester Credit Hours	**16**
Spring Semester		
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 311	Creative Writing: Playwriting	3
THE 106	Theater History Since 1700	3
THE 111	Theatre Lab	0
THE 400	Directing for the Stage I	3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
THE 111	Theatre Lab	0
THE 219	Stage Management (or Contemporary Theatre Elective)	3
General Studies Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
Contemporary Theatre Elective		3
THE 493	Contemporary Theatre Ensemble	3
General Studies Elective		4
Science Elective (bio/phy)		3
Technology Elective		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [3]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [3]	3
SPE 300	Inclusive Practices for General Education Teachers	3
THE 498	Senior Capstone	3
or THE 491	or Internship in Theater	
General Studies Elective		6
	Semester Credit Hours	**18**

Spring Semester		
EDU 465	Student Teaching and Seminar [4]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**128**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Courses and Descriptions

BED 410 Prin/Strat Voc & Coop Ed 3 Credits
Designed as one of the specialized courses in the preparation of business and marketing education teachers and teacher-coordinators of cooperative work experience programs. The philosophy and history of education for and about work, including technology, are studies along with the principles and strategies for organizing and administering vocational cooperative education programs. Developmental/reflective evaluative techniques will be applied for the assessment of self, students, instruction and selected case studies. Current instructional concepts, organizational and administrative strategies, legislative enactments, and regulations pertaining to the employment of youth are included. Special attention is given to the role of vocational student organizations and advisory committees. Open to all students. A cumulative GPA of 2.75 is required.

BED 415 Teaching Business Subjects 3 Credits
Instructional strategies in the teaching of business and marketing subjects are analyzed and demonstrated. Students are required to prepare lesson plans, teach demonstration lessons, develop a unit plan, and compile a resource file of teaching materials. Videotaping of demonstration lessons is integrated with the course work to encourage developing teaching competency through a series of instructional modules appropriate to the student's certification interests. A cumulative GPA of 2.75 is required.

BED 445 Work Experience Cooperative Program 3-6 Credits
A minimum of 300 hours in a supervised occupational experience or a supervised internship program in an approved work station or institution. The experience is coordinated and supervised by a qualified coordinator of occupational education. A series of activities are designed to relate job and intern experiences to the student's future role as an employee or a professional teacher. The student will be evaluated by the supervising employer and the University supervisor.

BED 490 Independent Research & Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

ECE 200 Infant and Toddler Care and Education 3 Credits
Focuses on nutritional and psychological influences on infant and toddler growth and development, including current research in infant development; childbirth; breast feeding; infant stimulation; intellectual development; attachment behavior; and infants in group care. Recognizing that there is increased demand for infant/toddler care, it is increasingly important to assure that America's infants receive a safe, healthy, emotionally secure, and intellectually rich start in life. High quality care and education of very young children are based upon responsive and respectful relationships among all of the people in each child's life.

ECE 332 Families, Community, and Diversity in Early Childhood Education 3 Credits
This course addresses the role of parents of young children within the context of school, home and society, as well as the influence of culture, traditions and current issues in early childhood education. Students will explore the efficacy of parenting techniques and behaviors on child development in the early years, including cognitive growth, emotional and social well-being and physical health. Students will investigate strategies for fostering home-school partnerships that enhance child development and educational success, as well as the influence of community, culture and socio-economic status on families and schools throughout our world. In addition, this course addresses current issues and challenges in the early childhood profession including inclusion of children with special needs, advocacy for quality care and education for all young children, and any other subject that might arise - either from the lives of children and families, teachers' professional development, or community agencies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ECE 450 Developmental Methods and Assessment in Early Childhood Education 3 Credits
The focus of this course is developmentally appropriate and culturally responsive curriculum and teaching P-3 settings as delineated in the guidelines of the National Association for the Education of Young Children. Students will learn how to make curriculum and teaching decisions based on knowledge of child development, content area, curriculum content standards, and home and community cultures. In order to meet the ever-changing needs, interests, and growing strengths of individual children, careful observation and assessment provides teachers with information on which to base adjustments of teaching plans. This course will provide opportunities to deepen understanding of child development; gain an appreciation for the professional responsibility of ongoing assessment of children; and, develop the necessary skills to gather, record, and interpret information in a deliberate and reflective manner. Required: 6 hours per week field placement in a Preschool classroom. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

EDE 200 Effective Classroom Management 3 Credits
Issues of classroom management often pose the biggest challenges for novice teachers. However, with the proper training many of these obstacles can be prevented, which results in more time spent on effective instruction. This course is based on two premises: (1) that most problems of classroom order can be prevented through the use of effective, research-based classroom management strategies, positive teacher-student relationships, and engaging instruction; and (2) that the goal of classroom management is the development of an environment conducive to both academic and social emotional learning. Given these premises, the course focuses not on disciplinary interventions designed to control students, but on ways of preventing disruptive behavior, creating a peaceful, caring community, resolving conflicts, and meeting the needs of diverse students through the use of effective motivational and instructional strategies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

EDE 225 Guided Field Experience in K-12 Classrooms 3 Credits
This is a field-based course in which students will spend an intensive three-week term in a designated school setting, mediated by University faculty. Students will participate in the daily routines of elementary, middle, or secondary schools. Field-site teachers will mentor students by articulating decisions that they make regarding classroom instruction and assessment. Students will meet regularly in seminar to analyze and discuss issues related to teaching and learning. This course will be offered J-Term, Summer I or other three week period.

EDE 226 Teaching and Managing in the Urban Classroom 3 Credits
This course focuses on teaching and managing K-12 classrooms in urban settings. Through four weeks of on-line instruction, students will learn key principles of classroom management and examine foundational issues that can underpin educational inequality, such as racial, ethnic and linguistic diversity, poverty, high student mobility and frequent teacher turnover. The course culminates with the Philadelphia Urban Seminar, a two-week residential experience (mediated by Rider University faculty) that includes ten days of intensive field experience in central Philadelphia classrooms, weekday seminars with faculty, and historical/cultural experiences and community service project activities on the weekend.

EDE 306 Thinking Critically with Data 1 Credits
This course will help students develop the kinds of data literacy skills needed for success in teaching. It will focus on five related that teachers need: (1) finding the relevant pieces of data in the data system or display available to them (data location); (2) understanding what the data signify (data comprehension); (3) figuring out what the data mean (data interpretation); (4) selecting an instructional approach that addresses the situation identified through the data (instructional decision making); (5).

EDE 307 Assessment in 21st Century Classrooms 1 Credits
This course offers an in-depth look at assessment to meet the need of 21st century teaching and learning. Students learn how to plan, develop, interpret, and manage valid assessments of student learning. Students will learn the following assessment-related skills and understandings: (1) the purpose of assessment in 21st century classrooms; (2), basics of assessments: reliability and validity; formative and summative assessment; alignment of assessments with objectives; and determining what can (what cannot) be reliably and validly assessed; (3) basics of rubric development; (4) holistic scoring; (5) assessment of critical thinking skills in diverse domains; (6) assesment of creativity in diverse domains. The course will be taught online.

EDE 375 Applications for Teaching Mathematics in Grades 4-5 1 Credits
This course will provide students the experience to share and learn about the practical applications of teaching mathematics to the 4th and 5th grade children as they are based on the field site classrooms of these grades. Students complete reflections about their work with mathematics and their observations of their cooperating teachers' lessons. The developmental aspect of math skills will be reviewed, looking at the Learning Progressions that are the basis for the new Common CORE State Standards. This course will provide an opportunity for students to have guidance in the teaching and learning of mathematics in the upper elementary grades. Upon completion of this course, students should have the knowledge, skills and confidence to meet the needs of all students, K-6. Prerequisite(s): ELD 375.
Corequisite(s): ELD 376 or ELD 308 or as prerequisite.

EDU 101 First Year and Transfer Education Seminar 1 Credits
First year/transfer seminar provides an engaging orientation to the undergraduate teacher education program at Rider University. During this course, students new to the Department of Teacher Education will explore their beliefs about teaching, learning and school. This focus will be broken into four areas of inquiry that include: (a) What knowledge is of "greatest worth" for educators? (b) What is the purpose of a policy and who gets to make the decisions? (c) What is a "safe" school? (d) What role do unions and professional communities play in the lives of educators and children?.

EDU 106 Contexts Of Schooling 3 Credits
Students in this field-based course will begin to examine aims, practices, and contemporary issues of schooling in their historical, sociological, philosophical, and futuristic contexts and from the perspectives of various multicultural constituencies-- students, parents, local community, wider economic community, government, and the profession. In doing so, they will begin to develop professional skills of observation, reflection, analysis, and argument. This course must be taken concurrently with EDU 206. A cumulative GPA of 2.75 is required.

EDU 206 Developmental Education Psychology 3 Credits
This field-based course focuses on: a) the cognitive, personality, social, creative, and moral development of children and adolescents; b) influential theories, concepts, and research findings of educational psychology; and c) the translation of psychological theory into classroom practices. This course must be taken concurrently with EDU 106. A cumulative GPA of 2.75 is required.

EDU 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester. A cumulative GPA of 2.75 is required. NOTE: This course is cross-listed with FLE 320. Students cannot get credit for both FLE 320 and EDU 320.

EDU 358 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

EDU 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. A cumulative GPA of 2.75 is required.
*NOTE: This course is cross-listed as FLE 420. Students cannot get credit for both FLE 420 and EDU 420.
Prerequisite(s): EDU 106 with a minimum grade of C+ or EDU 106 with a minimum grade of TR and EDU 206 with a minimum grade of C+ or EDU 206 with a minimum grade of TR.

EDU 451 Special Topics in Education 1-6 Credits
Student teachers, graduate interns, Rider faculty, cooperating teachers, and building-level administrators will engage in collaborative study of a topic through reading, writing, discussion, observation, and reflection on their work in classrooms. Work in these seminars will help student teachers synthesize knowledge from their professional courses and all participants extend their understanding of a particular topic pertaining to teaching. Teacher research methods will be employed as participants analyze their own teaching through perspectives of the seminar topic. Topics will vary each semester. This course is dual-listed for undergraduate and graduate credit. Enrollment is limited to students concurrently enrolled in student teaching and to cooperating teachers and principals working with them.

EDU 460 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal, and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing, and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study. A cumulative GPA of 2.75 is required.

EDU 465 Student Teaching and Seminar 12 Credits
A full-time program for seniors providing practical teaching experience in an accredited elementary or secondary school. Under the direct supervision of the cooperating teacher, student teachers are responsible for the planning of lessons and for teaching in their areas of specialization and for developing a high level of teaching competency. Supervisors from Rider observe the student teachers at work, confer with the cooperating teachers and student teachers, and evaluate the growth of the student teachers throughout the internship period. Special topics are considered in seminars held in conjunction with student teaching. These topics include school health and substance abuse, school law, teacher certification and placement, classroom management, mainstreaming, professionalism, and other topics deemed appropriate by the faculty and student teachers.
Prerequisite(s): 1. Satisfactory completion of junior-level professional courses; 2. Cumulative GPA of at least 3.0 prior to commencing the semester in which student teaching is to be completed; 3. All professional education courses, with the exception of those taken concurrently with student teaching, must be completed with a grade of "C +" or better; 4. A candidate for student teaching must be approved by the education division and the coordinator of student teaching. There is an additional fee for Student Teaching.

EDU 477 International Student Teaching 3 Credits
This course provides an immersion opportunity for student teachers to learn about the different cultures and the education system of other countries while living and teaching abroad. Students will explore topics such as global awareness, international curriculum, global educational issues, and pedagogy to support diverse student needs. Through seminar discussion, research, observation, reflection and practical experience, students will develop and share their understanding of diversity in an international setting to increase global awareness, inclusive practice, and professional skills to develop a culturally responsive classroom. A fee is required for this course.
Prerequisites: 3.25 GPA, letter of recommendation, successful completion of required PRAXIS exams, interview, essay, and successful completion of local student teaching. POI required.

ELD 128 Developing Mathematical Ideas for Elementary School Teachers 1 Credits
Prospective teachers will examine the mathematics content and curriculum that is taught in grades K-6, focusing upon the multi-layered aspects of the topics that successful elementary teachers need to understand profoundly in order to provide appropriate instruction. There will be a series of topics selected from those that have historically been especially difficult for teachers to thoroughly understand at the depth needed to teach effectively. Some of the topics may vary each semester.

ELD 307 Emergent Literacy P-3 3 Credits
This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 308 Fostering Language and Literacy Development 3 Credits
Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206; ELD 307.

ELD 350 Early Adolescence 1 Credits
This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes.

ELD 355 Teaching in the Inclusive Middle School Classroom 1 Credits
This course will highlight the legal and ethical responsibilities of general education teachers in the middle school classroom. The special education process will be discussed and methods to address special needs in the classroom will be shared. Strategies to differentiate instruction and work collaboratively with school community members will help pre-service teachers develop and implement effective instruction that meets diverse needs in the middle school inclusive classroom.
Prerequisite(s): EDU 106 and EDU 206 and a cumulative GPA of 2.75 is required.

ELD 360 Structure and Culture of Middle School Classroom 1 Credits
This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 375 Methods of Teaching Mathematics in Elementary Classrooms 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206, MTH 102 or MTH 105 or MTH 150 or MTH 210.

ELD 376 Teaching Science, Social Studies and the Arts N-6 3 Credits
This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade six (based on NCSS, NSTA, and NAEA Standards). Emphasis is placed on an integrated approach to curriculum, with lesson and unit planning activities that incorporate hands-on-experiences, discovery learning and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of classroom instruction and the teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required.
Prerequisite(s): ELD 307 and ELD 375.

ELD 380 Methods of Teaching Mathematics in the Middle School 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. In keeping with the National Council of Teachers of Mathematics (NCTM) Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experience, use of technology, and traditional and non-traditional assessment. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 385 Teaching Science in the Middle School 3 Credits
This course focuses on the teaching of sciences that is developmentally appropriate for students in grades six through eight. In keeping with the National Science Education Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experiences, use of technology and traditional and non-traditional assessment strategies. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 390 Teaching Social Studies in the Middle School 3 Credits
This course focuses on the teaching of social studies that is developmentally appropriate for students in grades six through eight. Its focus will explore understanding of United States history, geography and civics from the perspective of the middle school. The course emphasizes the ten themes of social studies as developed by the National Council for the Social Studies. In addition to the facts, concepts and generalizations encompassed by the ten themes, the course works with academic, social, thinking and citizenship skills. The required, intensive field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 395 Literacy Learning in the Middle School 3 Credits
This course focuses on the teaching of literacy that is developmentally appropriate for students in grades six through eight. It explores processes in reading, writing, speaking, listening and viewing, relationships among the language arts and other subject areas, and the development of critical literacy and cognitive strategies. The intense field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 490 Independent Study: Research and Creative Expression 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hour's credit to be assigned is determined by the department.

SPE 201 Foundations in Special Education and Inclusive Practice 3 Credits
This course emphasizes the foundations of special education and introduces students to inclusive practice. Philosophical, historical, and legal foundations of special education and characteristics of students with disabilities will be examined. Students will learn the components of an Individualized Education Program (IEP), how to adapt learning environments and curricular materials, as well as how to select and implement modifications for students with disabilities. Inclusive educational practices including communication, coteaching, and collaborative partnerships will be addressed through case studies and fieldwork. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 is required.

SPE 202 Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities 3 Credits
This course is designed to examine the characteristics of individuals with Autism Spectrum Disorder (ASD) and strategies to support their academic, communication, and social/behavioral growth, including the use of assistive technology and positive behavioral supports. Methods and strategies for ASD and other low incidence disabilities will be explored. Through active participation in class and field sites, students will become aware of the various social issues related to family, education, transition, community resources and work experiences of individuals with these disabilities. Students will be required to complete a minimum of 30 weekday field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 210 Global Encounters 3 Credits
This course is an international learning experience focused on exploring educational opportunities in the United States and abroad. Students will study the history, policy and practice of special education in the United States and compare it with another country and culture first hand, through lectures, school visits and reflection. Current strategies and challenges of educators and families supporting individuals with disabilities will be examined. Through this cross-cultural experience, students will broaden perspectives and develop cultural awareness, knowledge, and understanding of diversity. This course is open to all students and disciplines. There are no prerequisites.

SPE 300 Inclusive Practices for General Education Teachers 3 Credits
This online course is designed to introduce preservice general education teachers students to special education and the inclusive classroom. Students will explore current issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours. Prereqisite(s): EDU 106 and EDU 206. A cumulative gpa of 2.75 is required.

SPE 303 Assessment and Instruction for Students with Disabilities 3 Credits
This course will emphasize the relationship between assessment and instructional design and implementation. Coursework includes the evaluation, selection, development, and adaptation of standardized, normreferenced, and functional assessments, such as a Functional Behavioral Assessment (FBA) and Ecological Assessment. Strategies to support literacy instruction for students with disabilities will be examined. Transition planning, program development, and agencies available to support students with disabilities and their families will be explored. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 304 Assessment and Instruction in the Inclusive Classroom 3 Credits
This course will emphasize assessment, planning, and instructional design to maximize the learning of all students, including those with exceptional learning needs, in the inclusive classroom. Students will have the opportunity to explore a variety of instructional strategies to meet the needs of diverse learners. Organization of learning environments and the collaborative process, including co-teaching models, will be utilized to design a long-term unit plan. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 305 Assessment and Instruction for Students with Autism Spectrum Disorders 3 Credits
Through this course, teacher candidates will learn both theories related to teaching students with Autism Spectrum Disorder (ASD) as well as best practices in the classroom related to academic instruction, as well as emotional, behavioral, and communicative interventions. This course also includes a field component, in which teacher candidates are expected to complete 10 hours of observation in a classroom with students with ASD. The course begins by examining the characteristics of the disability, causes, early warning signs, diagnostic procedures, and early intervention practices. Specific practices related to instruction and intervention as well as how to best structure a classroom for students will be examined. Teacher candidates will receive instruction in a variety of strategies and practices, even those that do not yet qualify as EBPs, as well as their theoretical underpinnings. Strategies for communicating effectively and efficiently with parents, as well as the most current and/or special issues in the field will also be discussed. Issues related to post-secondary transition will also be examined.
Prerequisites: A cumulative GPA of 2.75 and SPE 201.

SST 300 Historical & Contemporary Issues in the Social Studies 3 Credits
This course is designed to provide education and non-education majors a comprehensive introduction to, and understanding of, social studies knowledge. This knowledge covers a broad array of academic disciplines, including American/World History, Government and Politics, Geography, Economics, and the various behavioral sciences. The course is aimed at engendering a theoretical grasp of the essential elements of these disciplines, as well as a practical understanding of how the content areas exist in both human society and contemporary policies/issues.

TEC 200 Google© Educator Level One Training 3 Credits
This course will provide the skills and knowledge for pre-service teachers in undergraduate education to successfully take the Google© Educator Level One Exam.

TEC 201 Internet Ethics 1 Credits
This course focuses on using the Internet to explore and reflect on current ethical issues involving technology. These include individual privacy, legal issues such as fair use and copyright laws, and social issues such as bullying and social networking. Students will explore these topics using a variety of search engines and will reflect on the information found in terms of its impact on society as well as its appropriate uses in personal life, education and business. Pass/fail.

TEC 202 Smartboard 1 Credits
This course is designed to provide an opportunity for students to become familiar with the features and applications of Smartboard, an interactive whiteboard that can be used in classrooms and professional presentations. Students will gain experience using the touch screen and in integrating the features of the program into learning and professional materials. Pass/fail.

TEC 203 Desktop Publishing and Web Page Design 1 Credits
This course provides students with the ability to use desktop publishing software to create materials suitable for use in classrooms, professional settings, and personal use, and with the ability to design web pages. The course is appropriate for anyone who will be involved in designing classroom and student publications and for those who will use web pages in their teaching or personal lives. Discussion will be held on how to use desktop publishing and web page design in elementary and secondary school settings. A project involving application of various desktop publishing and web page design techniques will be completed and demonstrated to the class. Pass/fail.

TEC 204 Electronic Spreadsheets and Classroom Management Software 1 Credits
Basic electronic spreadsheet concepts and applications are taught using a major spreadsheet program. Topics include writing basic formulas, copying formulas, playing "What If," customizing a worksheet, and printing a spreadsheet. Discussions will be held on how to integrate spreadsheets into elementary and secondary classes and activities. Pass/fail.

TEC 206 Teaching and Presenting with Technology 1 Credits
This course covers designing, planning, and using technology enhanced instruction and presentations. Group assignments will enable students to explore uses of technology to enhance instruction and presentations. Collaboration will be encouraged when discussing the efficient and effective use of technology. Three collaborative group reports will be submitted dealing with discussion questions and chapter topics. Appropriate web sites and programs will be visited. Students will design a final original application that could be used to create motivation and visual learning in a specific classroom or other professional setting related to their major areas of study. Emphasis will be given to technology integration strategies. A final oral presentation of individual projects will be given.

TEC 207 Social Media for Education 3 Credits
Social Media for Education will introduce students to the structure and culture of social media and how social networking applies to the educational environment. This three-credit course will foster a deep understanding of how social media in education can benefit students, teachers, administrators, staff, and stakeholders.

TEC 307 Concepts Instuct Media & Tech 3 Credits
Designed to provide the student with familiarity and appreciation of the role of educational technology in the workplace as it applies to students, teachers, administrators, and trainers. The student will explore the Internet, various educational multimedia, distance learning, virtual reality environments, learning theories, and integration models. Appropriate developmental/reflective strategies will be incorporated with instruction. Although multimedia microcomputers will be utilized throughout the course, prior microcomputer knowledge and experience is not a critical element. Multimedia expertise will be developed as the course progresses.

TEC 308 Digital Tools for Teaching 3 Credits
Designed to enable the student to develop instructional presentations utilizing the advantages of multimedia technology. Each student will be required to create a multimedia portfolio that contains information presentations, cumulative records, presenter notes, work samples, photo library, video animation, and audio narration. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail. Expertise will be developed as the course progresses.

TEC 309 Instruct Media/Technology Management 3 Credits
Designed to develop technology management skills that can be used for individual classrooms, training centers, subject area specializations, grade levels, school laboratories, curriculum integration, administrative functions, system networks, community services, communication systems and connecting linkages between educational/work environments and home. Various management strategies will be explored and each student will have an opportunity to design, via a multimedia microcomputer, an instructional technology system of their choice along with a management plan. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail.
Prerequisite(s): At least six semester hours of technology courses or modules.

TEC 404 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners.
Prerequisite: SPE 201 or SPE 300.

TEC 407 New Literacies for New Learning 3 Credits
As we consider the rapid expansion of information and text it is timely to take a critical view of what literacy means and how it is influencing children's literacy development and the work of educators. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid/online course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for children's literacy development as well our own work as educators.

TEC 490 Independent Research and Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

IND 210 Global Encounters 3 Credits
This course provides students with an exposure to foreign cultures consisting of both travel and study components. Destinations may include countries in Europe, Latin America, or Asia. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. A travel fee is required. No foreign language skills are required unless otherwise indicated.

Earth and Environmental Sciences

Program Overview

The Earth and Environmental Sciences minor, offered by the Department of Earth and Chemical Sciences, introduces students to basic geological and environmental principles, as well as advanced topics that unite the two disciplines. This minor not only helps students analyze and learn more about the multitude of the earth's functions, but also what the ever-changing face of environmentalism says about society and how students can help promote positive environmental change.

Degree Offered

- Minor in Earth and Environmental Sciences

Contact

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Program Website: Earth & Environmental Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/earth-environmental-sciences-minor/)

Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth Sciences (p. 198) (for Secondary Education majors)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Geology (p. 290)
- Marine Sciences (p. 380)

Requirements for the Minor

(21-22 credits)

Note: Geology and Environmental Science majors may not select this minor.

Code	Title	Credits
Fundamental Courses		**14**
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	
ENV 205	Introduction to Geographic Information Systems	
ENV 220	Weather and Climate Change	
GEO 100	Earth Systems Science	
or GEO 113	Environmental Geology	
GEO 102	Earth Materials and Processes Lab	
Electives		**7-8**
Select two of the following; at least one must be a 300 or 400 level course:		
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	

ENV 340	Environmental Field Methods and Data Analysis	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab [1]	
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	
Total Credits		**21-22**

1

This course has one or more prerequisites that must be completed in addition to the course required for this minor.

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 308 Mineralogy and Petrology 4 Credits
This course examines the origin, evolution, and distribution of igneous and metamorphic rocks based on mineralogy, chemistry, and tectonic relationships. Mineral content and rock texture are used to identify and classify igneous and metamorphic rocks. The physical and chemical properties of these rocks are used to understand their tectonic setting, process of formation, and pressure-temperature conditions.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 308L Mineralogy and Petrology Lab 0 Credits
This is the laboratory course that accompanies GEO 308. Laboratory work consists of the identification of mineral and rock hand specimens. Microscopic analyses include the identification and interpretation of optical properties of minerals and rock textures. Field trips provide opportunities for students to examine outcrops of igneous and metamorphic rocks.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 310 Structural Geology 4 Credits
The origin, distinguishing characteristics, and geographic distribution of deformational structures of the Earth's crust. In the laboratory, GPS, GIS, geologic maps, and three-dimensional problems are used in the study of typical surface and subsurface geologic problems. Three hours of lecture and one three-hour lab per week. Weekday and/or weekend field trips may be required. Prerequisite(s): GEO 100 or GEO 113, GEO 102.
Corequisite(s): GEO 310L.

GEO 310L Structural Geology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 310.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that "society exists by geologic consent subject to change without notice" by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

Earth Sciences

Program Overview

The Bachelor of Arts Degree in Earth Sciences is designed specifically as a second major for students in the College of Education and Human Services who are interested in teaching earth science in high schools. The program is tailored to meet the earth science related objectives of high school education majors and to facilitate the timely completion of their dual requirements in the College of Education and Human Services and the College of Arts and Sciences. This program is not designed to prepare students for further study in science disciplines at the graduate or professional level. This major is designed to enable students to satisfy course and credit requirements from the New Jersey Department of Education for the High School Teacher of Earth Science Certificate. Additional details can be found at t (https://nj.gov/cgi-bin/education/license/endorsement.pl?string=999&maxhits=1000&field=2)his link at the NJ Department of Education.

Curriculum Overview

The curriculum for this major focuses on the interdisciplinary nature of the marine sciences by offering classes that give students a strong background in the earth science as well as in the sub-field of earth sciences that each student selects from the concentrations available. Students take introductory classes in chemistry, physics, biology, geology and the marine sciences, followed by more in-depth course work focused on the concentration selected.

Student Learning Outcomes

Graduates of the Earth Sciences major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in earth sciences.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Earth Sciences

Graduation with honors in Earth Sciences is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the Honors Program is by invitation of the department faculty. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degree Offered

- B.A. in Earth Sciences

Contact

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Program Website: Earth Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/earth-sciences/)

Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth and Environmental Sciences (p. 195)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Geology (p. 290)
- Marine Sciences (p. 380)
- Education (p. 666)

Earth Sciences Major Requirements

(28-30 Foundation course credits and 22-24 Concentration course credits).

Foundation Courses (p. 198)

Select one Concentration below:

Geology Concentration (p. 199)
Environmental Concentration (p. 199)
Marine Concentration (p. 199)

Foundation Courses

(28 - 30 credits)

Code	Title	Credits
Required Foundation Courses		
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 220	Weather and Climate Change	3

GEO 100	Earth Systems Science	3
or GEO 113	Environmental Geology	
GEO 102	Earth Materials and Processes Lab	1
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
PHY 180	Astronomy	3
Field experience (select one of the following:)		**3-4**
ENV 340	Environmental Field Methods and Data Analysis	
MAR 300	Introduction to Field Marine Science	
MAR 380	The Learning and Teaching of Marine Science	
Approved Geology Field Camp		
Additional Required Science Courses		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
Select one of the following:		**3-4**
MTH 105	Algebra and Trigonometry (or any MTH course at the 200 level or above)	
Total Credits		**28-30**

Geology Concentration

(22-24 credits)

Code	Title	Credits
Elective Courses: Select six courses. At least four courses selected must contain a lab section.		**22-24**
ENV 205	Introduction to Geographic Information Systems	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	
Total Credits		**22-24**

Environmental Concentration

(22-24 credits)

Code	Title	Credits
Required courses:		
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 350 & 350L	General Ecology and General Ecology Lab	4
Elective Courses: Select three courses. At least one course must have a lab section		**10-12**
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	
MAR 410	Physical Oceanography	
Total Credits		**22-24**

Marine Concentration

(22-24 credits)

Code	Title	Credits
Required Courses:		
BIO 115	Principles of Biology I	4
or BIO 116	Principles of Biology II	
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
Elective Courses: Select four; at least two courses with a lab section; at least three courses at the 300-400 level		**14-16**
ENV 205	Introduction to Geographic Information Systems	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	
MAR 325 & 325L	Marine Vertebrates and Marine Vertebrates Lab	
MAR 340	Marine Processes and Environments: Seminar	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	
MAR 410	Physical Oceanography	
Total Credits		**22-24**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric [1]	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
PHY 180	Astronomy	3
	Semester Credit Hours	**14**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Social Perspectives		3
Foreign Language		3
Select one of the following:		3-4
ENV 220	Weather and Climate Change [3]	
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	
	Semester Credit Hours	**16-17**
Year 2		
Fall Semester		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
HIS 150	World History to 1500	3
Foreign Language		3
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
ENV 200L	Statistical and Computer Applications in the Natural Sciences Lab	0
	Semester Credit Hours	**14**
Spring Semester		
One Major Concentration Requirement or Elective [3]		3-4
HIS 151	World History Since 1500	3
Social Perspectives		3
Philosophical Perspectives		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15-16**
Year 3		
Fall Semester		
ENV 340	Environmental Field Methods and Data Analysis (Or other Major Concentration Requirement or elective)	3
One Major Concentration Requirement or Elective [3]		4
Two Elective Courses [2]		6
	Semester Credit Hours	**13**
Spring Semester		
Two Major Concentration Requirements or Electives [3]		6-8
3 Elective Courses [2]		9
	Semester Credit Hours	**15-17**
Summer Semester		
MAR 380 or MAR 300	The Learning and Teaching of Marine Science (or approved Geology Field Course from another institution) [4] or Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
Two Major Concentration Requirements or Elective [3]		6-8
Two - Three Elective Courses [2]		6-9
	Semester Credit Hours	**12**
Spring Semester		
Two or Three Elective Courses [2]		6-9
One to Two Major Concentration Requirements or Electives if needed [3]		6-8
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**115-119**

Note: Natural and Physical Science core requirements are included in the major.

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

For choices see Concentrations for List of Requirements and Electives. Courses selected should be made with approval from Earth Sciences academic advisor.

4

Courses from other institutions must be reviewed and receive approval by the Department Chair.

Courses and Descriptions

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 110 Future of Natural Resources 3 Credits
In this course, students are introduced to topics in the natural sciences through studies of human exploitation of selected natural resources (e.g. water, fisheries, mineral resources, energy, etc.). The course work includes a study of the scientific process and how it can contribute to solutions to contemporary issues. Topics covered will include factors that influence real-world decisions to manage natural resources more sustainably (e.g. political, economic, ethical factors). During the three hours of class meetings each week, lecture and exercises will be integrated. Field trips will be required. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENV 110L Future of Natural Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 110.

ENV 120 Introduction to Climate Change 3 Credits
This course offers students an overview of the human impacts on Earth's climate and emerging solutions to limit future climate change. Students will learn scientific insights into the interconnected components of Earth's climate as a system including the atmosphere, oceans, land, geology, and ice. Human effects on Earth's climate system will be contrasted with natural climate variation that preceded the industrial revolution. Students will also consider the personal, societal, and ethical implications of climate change through the lens of environmental justice.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 290 Directed Research and Study in Environmental Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the environmental sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in weekly meetings with the instructor, and communicating the findings by writing a final project report.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 340 Environmental Field Methods and Data Analysis 3 Credits
This course will provide students with practical experience in field methods and data analyses within the environmental sciences. The course will include advanced activities incorporating field-based exercises, GIS analyses, statistical analyses, and database management. Students will also complete an independent project focused on a relevant topic. Local field trips during lab and on weekends may be required.
Prerequisite(s): MTH 105, GEO 100, GEO 102, and ENV 100; or Permission of Instructor.

ENV 350 Principles of Environmental Toxicology 3 Credits
A comprehensive description of the important principles of toxicology, including the absorption, distribution, metabolism, and excretion of toxic substances. Target organs systems will be discussed as well as mechanisms of carcinogenesis and teratogenesis. Specific groups of toxins to be discussed include: pesticides, metals, radiation, solvents and vapors, and plant and animal toxins. Three hours of lecture per week.
Prerequisite(s): BCH 225 or CHE 211, BIO 115.

ENV 375 Environmental Biogeochemistry 3 Credits
This course examines the biogeochemical interactions among various environmental components, including water, rock, soil, organisms, and atmosphere. Covered topics focus on the relation between the biosphere and changes in the Earth's environment and atmosphere. The transfer of energy and nutrients within terrestrial ecosystems also is explored. Case studies from various examples will be used to understand ecosystem dynamics. Long-term environmental change and present-day ecosystem restoration activities are examined in the context of biotic offsets and land-use planning. The biogeochemical cycles of some environmentally sensitive compounds and elements in natural systems, such pesticides, mercury, and lead, also may be examined. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113, CHE 120, CHE 121, CHE 122, CHE 123.

ENV 480 Senior Thesis 3 Credits
A senior thesis is optional for environmental science majors. However, a senior thesis is required for eligibility to graduate with honors in environmental science. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the geosciences major and permission of instructor.

ENV 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

ENV 491 Internship in Environmental Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 102SP Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 110 Geology of National Parks 3 Credits
U.S. national parks highlight the geologic wonders of our country and provide us with some of the best examples of the many processes that initially formed our planet and those that continue to shape it. This course is an introduction to the geological setting of selected U.S. national parks. It provides an overview of geological concepts and relates the geology of each park to the processes that initially formed, and subsequently shaped, their characteristic landforms. Such processes include: plate tectonics, volcanic and plutonic activity, glaciation, cave formation, stream and coastal processes, and erosional processes. Consequently, students not only will understand how the physical geography of the U.S. varies from coast to coast, but also will connect these varied landscapes with the geologic processes that formed them and relate them to unique wildlife or vegetation in the parks studied.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that "society exists by geologic consent subject to change without notice" by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 168 Mesozoic Ruling Reptiles 3 Credits
This course provides an introduction to the vertebrate groups that dominated the land (Dinosaurs), the seas (Mosasaurs, Plesiosaurs, Pliosaurs, Tylosaurs, and Ichthyosaurs) and the skies (Pterosaurs, Pterdactyls) during the Mesozoic Era (65-250 million years ago). Students study the diversity of skeletal architectures and their reconstructed function and the often controversial, inferred anatomy, physiology, reproductive strategy, habit, and social behaviors of these animals that are different from mainstream reptiles, birds, and mammals. They also learn about the paleogeographical, and paleoclimatological conditions that facilitated the evolutionary rise to dominance and diversification of these vertebrate groups and the debated causes of their eventual extinction. These topics also serve to illustrate how the scientific approach works and how competing hypotheses are evaluated. Three hours of lecture per week. Weekend field trips may be required.. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 290 Directed Research and Study in Geosciences 1-4 Credits
Directed Research and Study in Geosciences will provide an opportunity for freshman and sophomore students to gain hands-on research experience in the geosciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in a weekly meetings with the instructor, and communicating the findings by writing a final project report.

GEO 304 Elements of Mineralogy 4 Credits
This course examines the physical properties, chemistry, atomic structure, crystallography, uses, and environmental impacts of important minerals found in the Earth's lithosphere and biosphere. In addition, lab assignments and exercises emphasize crystal symmetry and chemistry; polarizing microscope, ICP, SEM, and x-ray analytical techniques; the graphical display and interpretation of compositional data; optical properties of isotropic and uniaxial minerals; and the identification of mineral hand specimens. Three hours of lecture and one three-hour lab per week. At least one weekend field trip required. Prerequisite(s): GEO 100 or GEO 113, and GEO 102, and CHE 120, CHE 121 taken prior or concurrently; or permission of instructor.
Corequisite(s): GEO 304L.

GEO 304L Mineralogy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 304.

GEO 305 Petrology and Petrography 4 Credits
The origin, evolution, and terrestrial distribution of igneous and metamorphic rocks are presented and detailed. Classroom lectures and discussions emphasize rock geochemistry, mineralogic variability, the constraints placed on petrogenetic models by physio-chemical studies of natural and synthetic systems, and the relation of the various rock types to current plate tectonic theory and other whole-earth processes. The laboratory emphasizes the continuing development of optical microscopy skills, the identification of rock texture and mineralogy in thin section and hand specimen, the optical determination of mineral composition, and the recognition of possible petrogenetic processes as recorded in the rocks themselves. Three hours of lecture and one three-hour lab per week. Two weekend field trips required. Prerequisite(s): GEO 304, and CHE 122 and CHE 123 or taken prior or concurrently; or permission of instructor.
Corequisite(s): GEO 305L.

GEO 305L Petrology and Petrography Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 305.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 308 Mineralogy and Petrology 4 Credits
This course examines the origin, evolution, and distribution of igneous and metamorphic rocks based on mineralogy, chemistry, and tectonic relationships. Mineral content and rock texture are used to identify and classify igneous and metamorphic rocks. The physical and chemical properties of these rocks are used to understand their tectonic setting, process of formation, and pressure-temperature conditions.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 308L Mineralogy and Petrology Lab 0 Credits
This is the laboratory course that accompanies GEO 308. Laboratory work consists of the identification of mineral and rock hand specimens. Microscopic analyses include the identification and interpretation of optical properties of minerals and rock textures. Field trips provide opportunities for students to examine outcrops of igneous and metamorphic rocks.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 310 Structural Geology 4 Credits
The origin, distinguishing characteristics, and geographic distribution of deformational structures of the Earth's crust. In the laboratory, GPS, GIS, geologic maps, and three-dimensional problems are used in the study of typical surface and subsurface geologic problems. Three hours of lecture and one three-hour lab per week. Weekday and/or weekend field trips may be required. Prerequisite(s): GEO 100 or GEO 113, GEO 102.
Corequisite(s): GEO 310L.

GEO 310L Structural Geology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 310.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

GEO 480 Senior Thesis 3 Credits
A senior thesis is optional for geosciences majors. However, a senior thesis is required for eligibility to graduate with honors in geosciences. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study or other approved venue. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the geosciences major and permission of instructor.

GEO 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

GEO 491 Internship in Geosciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

MAR 120 Oceanography 3 Credits
In this course, students will investigate the geological, chemical, physical, and biological processes that shape the ocean. Emphasis will be placed on how these processes interact with each other and with human populations. These interactions influence important global phenomena that impact all our lives, including weather and climate, the distribution of marine organisms and other natural resources, and coastal processes. Understanding these phenomena will enable students to make more informed decisions and contribute to serious global marine issues. Students will learn through a combination of hands-on exercises designed to foster a deeper understanding of the scientific content as well as the scientific process, practical experiences with real data, readings, and some lectures. CLAS general education areas addressed: DP & GP.

MAR 121 Introductory Oceanography Lab 1 Credits
This lab course introduces students to the fundamental aspects of geological, chemical, physical and biological oceanography. Students learn through inquiry-based, hands-on exercises and activities using actual data collected in the lab and in the field. Independent projects and local field trips during lab and on weekends may be required. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): MAR 120 or GLS 120 or as prerequisite(s).

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 210L Marine Life through Time Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequisite(s): MAR 210.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 290 Directed Research and Study in Marine Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the marine sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in a weekly meetings with the instructor, and communicating the findings by writing a final project report.

MAR 300 Introduction to Field Marine Science 4 Credits
In this two-week field course, students will explore various topics in marine science through practical, hands-on, inquiry-based exercises and activities. The course will focus on the biological, geological, chemical, and physical processes that influence diverse marine flora and fauna found in selected marine environments, emphasizing shallow subtidal and intertidal environments such as coral reefs, sandy beaches, turtle grass beds, rocky intertidal pools, coastal wetlands, mangrove swamps, etc. Topics will be examined using field team exercises, a group mapping project, and individual research projects. Activities will help students develop their skills in research, use of field and laboratory equipment, computer analysis of data, and scientific writing, along with gaining content knowledge about the components and processes of environments studied. The course is taught at an appropriate marine field station at a U.S. or international location. Field portion of course is completed during the summer. Additional travel costs vary, depending on location.
Prerequisite(s): BIO 115 or 116 or any 200 or higher level lab science class; and MAR 120; and permission of instructor.

MAR 325 Marine Vertebrates 4 Credits
A survey of the biology of marine vertebrate animals, including fish (jawless fish, sharks, rays, and bony fish), reptiles (sea turtles and sea snakes), sea birds, and mammals (manatees, seals, and whales). The evolution, physiology, natural history, ecological relationships, and human interactions of these groups are emphasized. Three hours of lecture and one three-hour lab per week. Field trips may be required. Prerequisite(s): BIO 272 and BIO 272L.
Corequisite(s): MAR 325L.

MAR 325L Marine Vertebrates Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 325.

MAR 340 Marine Processes and Environments: Seminar 3 Credits
This course is designed as a seminar course. Therefore, students will learn to lead class discussions, to analyze and critique peer-reviewed journal articles, and to enhance their presentation skills. Students will interpret graphical, spatial, and numerical data to support their positions. Content will emphasize the interactions among marine processes, biological features, and geologic landforms.
Prerequisite(s): MAR 120 or GEO 100; GEO 306.

MAR 360 Plankton Ecology 4 Credits
Examines the diversity, physiology, and ecology of marine phytoplankton and zooplankton. Students will survey the dominant plankton groups, their distribution, nutritional requirements, growth kinetics, and behavior. Planktonic predator/prey interactions and food web dynamics will be discussed. Students will also examine the interdisciplinary nature and role of plankton in biogeochemical cycles. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): MAR 120 and MAR 121; or BIO 116.
Corequisite(s): MAR 360L.

MAR 360L Plankton Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 360.

MAR 380 The Learning and Teaching of Marine Science 4 Credits
This field-based course provides a practical experience in integrating marine science with pedagogical concepts. Students will use scientific methodology to explain marine ecosystems through specially designed, inquiry-based exercises. During these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. Hands-on, field-based exercises will provide experience with a diversity of marine habitats and the biological, geological, hydrological, and physical processes that influence them. Visited habitats can include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. As a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom use.

MAR 401 Marine Ecology 4 Credits
The purpose of this course is to introduce students to fundamental principles in ecology, as it relates to marine systems. Topics include the marine environment and its influence on the organisms living there; biodiversity and speciation; factors regulating population dynamics in marine systems; larval and fisheries ecology; species interactions such as predation, competition, and symbiosis; factors regulating productivity and energy flow in marine systems; and marine conservation. Hands-on laboratory exercises will provide students with the opportunity to design and conduct experiments related to marine ecology, and to collect, analyze, and interpret data from those experiments. Ecosystem modeling will also be introduced. Three hours of lecture and one three-hour lab per week. Weekend field trips may be introduced. Prerequisite(s): BIO 272, BIO 272L.
Corequisite(s): MAR 401L.

MAR 401L Marine Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 401.

MAR 410 Physical Oceanography 3 Credits
Introduction to the physical aspects and processes of the oceans and their influence on marine ecosystems and Earth processes. Topics include distribution of salinity and water temperature and their effect on water movement, the oceanic heat budget, atmospheric and oceanic interactions, ocean currents including surface and deep water circulation, waves, tides, and medium- to small-scale circulation features. Throughout the course, emphasis is placed on how these physical processes affect the biology and chemistry of the ocean. Three hours of lecture per week. Weekend field trips may be required.
Prerequisite(s): MAR 120.

MAR 480 Senior Thesis 3 Credits
A senior thesis is optional for marine sciences majors. However, a senior thesis is required for eligibility to graduate with honors in marine sciences. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study or other approved venue. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the marine sciences major and permission of department chair.

MAR 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

MAR 491 Internship in Marine Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

MAR 580 Independent Marine Science Field Study 4 Credits
This field-based course provides a practical experience in integrating marine science with pedagogical concepts. Students will use scientific methodology to explain marine ecosystems through specially designed, inquiry-based exercises. During these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. Hands-on, field-based exercises will provide experience with a diversity of marine habitats and the biological, geological, hydrological, and physical processes that influence them. Visited habitats can include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. As a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom use.

Elementary Education with a Concentration in Multidisciplinary Studies

Program Overview

The elementary education program in the Department of Teacher Education prepares students for fulfilling teaching careers in America's diverse society. Rider was the first private New Jersey institution to hold the highest accreditation possible in teaching from the National Council for the Accreditation of Teacher Education (http://caepnet.org/) (NCATE/CAEP) and we offer graduates added value and recognition nationwide when seeking employment or admission to graduate study.

Curriculum Overview

As they begin their path to becoming effective and skilled elementary school teachers, students in Rider's elementary education program engage in studies that provide an academic background for those subjects they will be teaching.

The major in Elementary Education: Multidisciplinary Studies seeks to provide students with a broad-based liberal arts education in four areas: English, mathematics, science, and history. By combining these different areas of study, students will be able to develop a unique plan of study to achieve their personal and career goals. In addition to being qualified to teach all four areas in grades kindergarten through 6, students will also accumulate at least 15 credits in one of the four areas so that they will be highly qualified in the state of New Jersey to teach, additionally, in grades 6 through 8, that particular subject area upon passing the appropriate middle school subject matter Praxis. This course of study will enable students to expand their level of certification and thus be marketable to teach at either the elementary or middle school level.

In addition, elementary education majors may also elect to pursue an endorsement, minor, and/or certification in English as a second language/bilingual education, middle school, early childhood, or special education.

Please see the Concentration Requirements tab on this page for further information on these programs.

Degree Offered

- B.A. in Elementary Education

Contact

Susan Dougherty, Ed.D.
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Department of Teacher Education
Bierenbaum Fisher Hall 102D
609-896-5162
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Program Website: Elementary Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)
Associated Department: Department of Teacher Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)

Accreditation Information

National Council for the Accreditation of Teacher Education (NCATE/CAEP) (http://www.caepnet.org/)

Related Programs

- Secondary Education (http://catalog.rider.edu/archives/2020-2021/undergraduate/colleges-schools/education/majors-minors-certificates/secondary-education-ba/)

Elementary Education Major Requirements

Elementary education majors pursuing the Multidisciplinary Studies concentration may also elect to pursue the following endorsements, minors, and certifications:

- English as a second language/bilingual education
- middle school, early childhood, or special education

Please see the Concentration Requirements tab on this page for further information on these programs.

In addition to completing the Multidisciplinary Studies concentration requirements and any requirements for endorsements, minors, and certifications, all Rider University students are required to complet the Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) requirements.

Elementary Education General Studies Requirements

(61 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
Technology Elective		3
General Studies Electives (varies according to concentration)		18
Total Credits		**61**

Professional Education

(31 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 350	Early Adolescence	1
SPE 300	Inclusive Practices for General Education Teachers	3
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**31**

1

For proper course placement please visit this website (http://www.rider.edu/offices-services/orientation/course-placement/).

2

All students must show evidence of having taken and passed all section of the Core Academic Skills for Educators Test prior to being able to register for ALL Education Methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
MTH 151	Mathematics for Education Majors II [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3

Liberal arts and science elective [2]	3
Liberal arts and science elective [2]	3
Liberal arts and science elective [2]	3
Science elective with lab section (BIO or PHY)	4
Total Credits	**31**

1

Or other approved Mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

Concentration Requirements

Undergraduate elementary education majors can elect to pursue the following endorsements, minors, and certifications:

- Elementary Education with a concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement (p. 208)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Middle School (p. 209)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education (p. 210)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education (p. 210)

Concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement

(123 credits minimum)

Elementary Education General Studies Requirements

(46 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
Technology Elective		3
General Studies Elective (LAS or EDU)		3
Total Credits		**46**

Professional Education

(31 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 350	Early Adolescence	1
SPE 300	Inclusive Practices for General Education Teachers	3
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**31**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
or ENG 336	Grammar and Style	
MTH 151	Mathematics for Education Majors II [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Science Elective with Lab (BIO or PHY)		4
Total Credits		**31**

1

Or other approved mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

ESL/Bilingual Endorsement

(15 credits minimum)

Code	Title	Credits
EDU 320	Introduction to Linguistics and Psycholinguistics	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
Multicultural Elective		3
Total Credits		**15**

Concentration in Multidisciplinary Studies with a minor in Middle School

(123 credits minimum)

Elementary Education General Studies Requirements

(56 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
Technology Elective		3
General Studies Electives (LAS or EDU)		13
Total Credits		**56**

Professional Education

(31 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 350	Early Adolescence	1
SPE 300	Inclusive Practices for General Education Teachers	3
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**31**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
or ENG 336	Grammar and Style	
MTH 151	Mathematics for Education Majors II [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Science Elective with Lab (BIO or PHY)		4
Total Credits		**31**

1

Or other approved mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

Minor in Middle School

(5 credits minimum)

Code	Title	Credits
ELD 355	Teaching in the Inclusive Middle School Classroom	1
ELD 360	Structure and Culture of Middle School Classroom	1
At least one of the following to coordinate with subject matter specialization:		3
ELD 380	Methods of Teaching Mathematics in the Middle School	
or ELD 385	Teaching Science in the Middle School	
or ELD 390	Teaching Social Studies in the Middle School	

or ELD 395	Literacy Learning in the Middle School	
Total Credits		**5**

Concentration in Multidisciplinary Studies with a minor in Early Childhood Education

(123 credits minimum))

Elementary Education General Studies Requirements

(49 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
Technology Elective		3
General Studies Electives		6
Total Credits		**49**

Professional Education

(31 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 350	Early Adolescence	1
SPE 300	Inclusive Practices for General Education Teachers	3
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**31**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
or ENG 336	Grammar and Style	
MTH 151	Mathematics for Education Majors II [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Science Elective with Lab (BIO or PHY)		4
Total Credits		**31**

1

Or other approved mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

Minor in Early Childhood Education

(12 credits minimum)

Code	Title	Credits
ECE 200	Infant and Toddler Care and Education	3
ECE 332	Families, Community, and Diversity in Early Childhood Education	3
ECE 450	Developmental Methods and Assessment in Early Childhood Education	3
PSY 230	Child Development	3
Total Credits		**12**

Concentration in Multidisciplinary Studies with a minor in Special Education

(123 credits minimum)

Elementary Education General Studies Requirements

(43 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
General Studies Elective (LAS or EDU)		3
Total Credits		**43**

Professional Education

(28 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 350	Early Adolescence	1
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**28**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
or ENG 336	Grammar and Style	
MTH 150	Mathematics for Education Majors I [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal Arts and Science Elective		3
Liberal Arts and Science Elective		3
Liberal Arts and Science Elective		3
Science Elective with lab (BIO or PHY)		4
Total Credits		**31**

1

Or other approved mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

Minor in Special Education

(21 credits minimum)

Code	Title	Credits
PSY 212	Introduction to Applied Behavior Analysis	3
PSY 237	Cognitive Disabilities	3
SPE 201	Foundations in Special Education and Inclusive Practice	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
Total Credits		**21**

Academic Plans of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

- Elementary Education with a concentration in Multidisciplinary Studies (p. 212)
- Elementary Education with a concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement (p. 213)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Middle School (p. 214)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education (p. 215)

- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education (p. 216)

Elementary Education with a Concentration in Multidisciplinary Studies

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology (Fine Arts Elective)	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III	3
English Literature Elective		3
History Elective		3
Science Elective with lab (BIO or PHY)		4
General Studies Elective [2]		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
ENG 236	Applied Grammar & Syntax	3
General Studies Elective [2]		3
History Elective		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
Liberal Arts and Science Elective [4]		3
Literature Elective		3
General Studies Elective [2]		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Spring Semester		
ELD 307	Emergent Literacy P-3 [5]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [5]	3
Education Elective		3
General Studies Elective [2]		3
Liberal arts and Science Elective [4]		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
General Studies Elective [2]		3
General Studies Elective [2]		3
Liberal Arts and Science Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website. (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

5

ELD 375 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Elementary Education with a concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
PSY 100	Introduction to Psychology	3
MTH 150	Mathematics for Education Majors I	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 152	Mathematics for Education Majors III	3
English Literature Elective		3
History Elective		3
Multicultural Elective		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
EDU 320	Introduction to Linguistics and Psycholinguistics	3
ENG 236	Applied Grammar & Syntax	3
Literature Elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
ELD 350	Early Adolescence	1
History Elective		3
Liberal Arts and Science Elective [3]		3
Science Elective with lab (BIO or PHY)		4
Technology Elective		1
	Semester Credit Hours	**15**
Spring Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
Education Elective		3
Liberal Arts and Science Elective [3]		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
EDU 420	Teaching a Second Language	3
General Studies Elective [6]		3
Liberal Arts and Science Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

1

For proper course placement please visit this website. (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

6

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

7

Students must have a “C+” or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students

Elementary Education with a concentration in Multidisciplinary Studies with a minor in Middle School

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III	3
English Literature Elective		3
History Elective		3
General Studies Elective [2]		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
ENG 236	Applied Grammar & Syntax	3
General Studies Elective [2]		3
History Elective		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective [2]		3
Liberal Arts and Science Elective [4]		3
Science Elective with lab (BIO or PHY)		4
Select one of the following:		3
ELD 380	Methods of Teaching Mathematics in the Middle School	
ELD 385	Teaching Science in the Middle School	
ELD 390	Teaching Social Studies in the Middle School	
ELD 395	Literacy Learning in the Middle School	
	Semester Credit Hours	**16**
Spring Semester		
ELD 307	Emergent Literacy P-3 [5]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [5]	3
ELD 355	Teaching in the Inclusive Middle School Classroom	1
Education Elective		3
General Studies Elective [2]		3
Liberal Arts and Science Elective [4]		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
ELD 360	Structure and Culture of Middle School Classroom	1
General Studies Elective [2]		1
Liberal Arts and Science Elective [4]		3
Literature Elective		3
Technology Elective		1
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

5

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
PSY 230	Child Development	3
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III	3
English Literature Elective		3
History Elective		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 236	Applied Grammar & Syntax	3
Literature Elective		3
ECE 200	Infant and Toddler Care and Education	3
Technology Elective		1
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ECE 332	Families, Community, and Diversity in Early Childhood Education	3
SPE 300	Inclusive Practices for General Education Teachers	3
History Elective		3
Liberal Arts and Science Elective [3]		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Spring Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Education Elective		3
General Studies Elective [5]		3
Technology Elective		1
Liberal Arts and Science Elective [3]		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ECE 450	Developmental Methods and Assessment in Early Childhood Education	3
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
General Studies Elective [5]		3
Liberal arts and Science Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

5

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III	3
SPE 201	Foundations in Special Education and Inclusive Practice	3
English Literature Elective		3
History Elective		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 236	Applied Grammar & Syntax	3
PSY 212	Introduction to Applied Behavior Analysis	3
History Elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
PSY 237	Cognitive Disabilities	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
Education Elective		3
General Studies Elective [3]		3
Liberal Arts and Science Elective [4]		3
Literature Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ELD 307	Emergent Literacy P-3 [5]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [5]	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
Liberal Arts and Science Elective [4]		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
Liberal Arts and Science Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

4

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

5

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

ECE 200 Infant and Toddler Care and Education 3 Credits
Focuses on nutritional and psychological influences on infant and toddler growth and development, including current research in infant development; childbirth; breast feeding; infant stimulation; intellectual development; attachment behavior; and infants in group care. Recognizing that there is increased demand for infant/toddler care, it is increasingly important to assure that America's infants receive a safe, healthy, emotionally secure, and intellectually rich start in life. High quality care and education of very young children are based upon responsive and respectful relationships among all of the people in each child's life.

ECE 332 Families, Community, and Diversity in Early Childhood Education 3 Credits
This course addresses the role of parents of young children within the context of school, home and society, as well as the influence of culture, traditions and current issues in early childhood education. Students will explore the efficacy of parenting techniques and behaviors on child development in the early years, including cognitive growth, emotional and social well-being and physical health. Students will investigate strategies for fostering home-school partnerships that enhance child development and educational success, as well as the influence of community, culture and socio-economic status on families and schools throughout our world. In addition, this course addresses current issues and challenges in the early childhood profession including inclusion of children with special needs, advocacy for quality care and education for all young children, and any other subject that might arise - either from the lives of children and families, teachers' professional development, or community agencies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ECE 450 Developmental Methods and Assessment in Early Childhood Education 3 Credits
The focus of this course is developmentally appropriate and culturally responsive curriculum and teaching P-3 settings as delineated in the guidelines of the National Association for the Education of Young Children. Students will learn how to make curriculum and teaching decisions based on knowledge of child development, content area, curriculum content standards, and home and community cultures. In order to meet the ever-changing needs, interests, and growing strengths of individual children, careful observation and assessment provides teachers with information on which to base adjustments of teaching plans. This course will provide opportunities to deepen understanding of child development; gain an appreciation for the professional responsibility of ongoing assessment of children; and, develop the necessary skills to gather, record, and interpret information in a deliberate and reflective manner. Required: 6 hours per week field placement in a Preschool classroom. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

EDU 101 First Year and Transfer Education Seminar 1 Credits
First year/transfer seminar provides an engaging orientation to the undergraduate teacher education program at Rider University. During this course, students new to the Department of Teacher Education will explore their beliefs about teaching, learning and school. This focus will be broken into four areas of inquiry that include: (a) What knowledge is of "greatest worth" for educators? (b) What is the purpose of a policy and who gets to make the decisions? (c) What is a "safe" school? (d) What role do unions and professional communities play in the lives of educators and children?.

EDU 106 Contexts Of Schooling 3 Credits
Students in this field-based course will begin to examine aims, practices, and contemporary issues of schooling in their historical, sociological, philosophical, and futuristic contexts and from the perspectives of various multicultural constituencies-- students, parents, local community, wider economic community, government, and the profession. In doing so, they will begin to develop professional skills of observation, reflection, analysis, and argument. This course must be taken concurrently with EDU 206. A cumulative GPA of 2.75 is required.

EDU 206 Developmental Education Psychology 3 Credits
This field-based course focuses on: a) the cognitive, personality, social, creative, and moral development of children and adolescents; b) influential theories, concepts, and research findings of educational psychology; and c) the translation of psychological theory into classroom practices. This course must be taken concurrently with EDU 106. A cumulative GPA of 2.75 is required.

EDU 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester. A cumulative GPA of 2.75 is required. NOTE: This course is cross-listed with FLE 320. Students cannot get credit for both FLE 320 and EDU 320.

EDU 358 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

EDU 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. A cumulative GPA of 2.75 is required.
*NOTE: This course is cross-listed as FLE 420. Students cannot get credit for both FLE 420 and EDU 420.
Prerequisite(s): EDU 106 with a minimum grade of C+ or EDU 106 with a minimum grade of TR and EDU 206 with a minimum grade of C+ or EDU 206 with a minimum grade of TR.

EDU 451 Special Topics in Education 1-6 Credits
Student teachers, graduate interns, Rider faculty, cooperating teachers, and building-level administrators will engage in collaborative study of a topic through reading, writing, discussion, observation, and reflection on their work in classrooms. Work in these seminars will help student teachers synthesize knowledge from their professional courses and all participants extend their understanding of a particular topic pertaining to teaching. Teacher research methods will be employed as participants analyze their own teaching through perspectives of the seminar topic. Topics will vary each semester. This course is dual-listed for undergraduate and graduate credit. Enrollment is limited to students concurrently enrolled in student teaching and to cooperating teachers and principals working with them.

EDU 460 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal, and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing, and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study. A cumulative GPA of 2.75 is required.

EDU 465 Student Teaching and Seminar 12 Credits
A full-time program for seniors providing practical teaching experience in an accredited elementary or secondary school. Under the direct supervision of the cooperating teacher, student teachers are responsible for the planning of lessons and for teaching in their areas of specialization and for developing a high level of teaching competency. Supervisors from Rider observe the student teachers at work, confer with the cooperating teachers and student teachers, and evaluate the growth of the student teachers throughout the internship period. Special topics are considered in seminars held in conjunction with student teaching. These topics include school health and substance abuse, school law, teacher certification and placement, classroom management, mainstreaming, professionalism, and other topics deemed appropriate by the faculty and student teachers.
Prerequisite(s): 1. Satisfactory completion of junior-level professional courses; 2. Cumulative GPA of at least 3.0 prior to commencing the semester in which student teaching is to be completed; 3. All professional education courses, with the exception of those taken concurrently with student teaching, must be completed with a grade of "C +" or better; 4. A candidate for student teaching must be approved by the education division and the coordinator of student teaching. There is an additional fee for Student Teaching.

EDU 477 International Student Teaching 3 Credits
This course provides an immersion opportunity for student teachers to learn about the different cultures and the education system of other countries while living and teaching abroad. Students will explore topics such as global awareness, international curriculum, global educational issues, and pedagogy to support diverse student needs. Through seminar discussion, research, observation, reflection and practical experience, students will develop and share their understanding of diversity in an international setting to increase global awareness, inclusive practice, and professional skills to develop a culturally responsive classroom. A fee is required for this course.
Prerequisites: 3.25 GPA, letter of recommendation, successful completion of required PRAXIS exams, interview, essay, and successful completion of local student teaching. POI required.

ELD 128 Developing Mathematical Ideas for Elementary School Teachers 1 Credits
Prospective teachers will examine the mathematics content and curriculum that is taught in grades K-6, focusing upon the multi-layered aspects of the topics that successful elementary teachers need to understand profoundly in order to provide appropriate instruction. There will be a series of topics selected from those that have historically been especially difficult for teachers to thoroughly understand at the depth needed to teach effectively. Some of the topics may vary each semester.

ELD 307 Emergent Literacy P-3 3 Credits
This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 308 Fostering Language and Literacy Development 3 Credits
Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206; ELD 307.

ELD 350 Early Adolescence 1 Credits
This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes.

ELD 355 Teaching in the Inclusive Middle School Classroom 1 Credits
This course will highlight the legal and ethical responsibilities of general education teachers in the middle school classroom. The special education process will be discussed and methods to address special needs in the classroom will be shared. Strategies to differentiate instruction and work collaboratively with school community members will help pre-service teachers develop and implement effective instruction that meets diverse needs in the middle school inclusive classroom.
Prerequisite(s): EDU 106 and EDU 206 and a cumulative GPA of 2.75 is required.

ELD 360 Structure and Culture of Middle School Classroom 1 Credits
This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 375 Methods of Teaching Mathematics in Elementary Classrooms 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206, MTH 102 or MTH 105 or MTH 150 or MTH 210.

ELD 376 Teaching Science, Social Studies and the Arts N-6 3 Credits
This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade six (based on NCSS, NSTA, and NAEA Standards). Emphasis is placed on an integrated approach to curriculum, with lesson and unit planning activities that incorporate hands-on-experiences, discovery learning and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of classroom instruction and the teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required.
Prerequisite(s): ELD 307 and ELD 375.

ELD 380 Methods of Teaching Mathematics in the Middle School 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. In keeping with the National Council of Teachers of Mathematics (NCTM) Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experience, use of technology, and traditional and non-traditional assessment. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 385 Teaching Science in the Middle School 3 Credits
This course focuses on the teaching of sciences that is developmentally appropriate for students in grades six through eight. In keeping with the National Science Education Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experiences, use of technology and traditional and non-traditional assessment strategies. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 390 Teaching Social Studies in the Middle School 3 Credits
This course focuses on the teaching of social studies that is developmentally appropriate for students in grades six through eight. Its focus will explore understanding of United States history, geography and civics from the perspective of the middle school. The course emphasizes the ten themes of social studies as developed by the National Council for the Social Studies. In addition to the facts, concepts and generalizations encompassed by the ten themes, the course works with academic, social, thinking and citizenship skills. The required, intensive field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 395 Literacy Learning in the Middle School 3 Credits
This course focuses on the teaching of literacy that is developmentally appropriate for students in grades six through eight. It explores processes in reading, writing, speaking, listening and viewing, relationships among the language arts and other subject areas, and the development of critical literacy and cognitive strategies. The intense field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 490 Independent Study: Research and Creative Expression 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hour's credit to be assigned is determined by the department.

SPE 201 Foundations in Special Education and Inclusive Practice 3 Credits
This course emphasizes the foundations of special education and introduces students to inclusive practice. Philosophical, historical, and legal foundations of special education and characteristics of students with disabilities will be examined. Students will learn the components of an Individualized Education Program (IEP), how to adapt learning environments and curricular materials, as well as how to select and implement modifications for students with disabilities. Inclusive educational practices including communication, coteaching, and collaborative partnerships will be addressed through case studies and fieldwork. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 is required.

SPE 202 Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities 3 Credits
This course is designed to examine the characteristics of individuals with Autism Spectrum Disorder (ASD) and strategies to support their academic, communication, and social/behavioral growth, including the use of assistive technology and positive behavioral supports. Methods and strategies for ASD and other low incidence disabilities will be explored. Through active participation in class and field sites, students will become aware of the various social issues related to family, education, transition, community resources and work experiences of individuals with these disabilities. Students will be required to complete a minimum of 30 weekday field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 210 Global Encounters 3 Credits
This course is an international learning experience focused on exploring educational opportunities in the United States and abroad. Students will study the history, policy and practice of special education in the United States and compare it with another country and culture first hand, through lectures, school visits and reflection. Current strategies and challenges of educators and families supporting individuals with disabilities will be examined. Through this cross-cultural experience, students will broaden perspectives and develop cultural awareness, knowledge, and understanding of diversity. This course is open to all students and disciplines. There are no prerequisites.

SPE 300 Inclusive Practices for General Education Teachers 3 Credits
This online course is designed to introduce preservice general education teachers students to special education and the inclusive classroom. Students will explore current issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours. Prereqisite(s): EDU 106 and EDU 206. A cumulative gpa of 2.75 is required.

SPE 303 Assessment and Instruction for Students with Disabilities 3 Credits
This course will emphasize the relationship between assessment and instructional design and implementation. Coursework includes the evaluation, selection, development, and adaptation of standardized, normreferenced, and functional assessments, such as a Functional Behavioral Assessment (FBA) and Ecological Assessment. Strategies to support literacy instruction for students with disabilities will be examined. Transition planning, program development, and agencies available to support students with disabilities and their families will be explored. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 304 Assessment and Instruction in the Inclusive Classroom 3 Credits
This course will emphasize assessment, planning, and instructional design to maximize the learning of all students, including those with exceptional learning needs, in the inclusive classroom. Students will have the opportunity to explore a variety of instructional strategies to meet the needs of diverse learners. Organization of learning environments and the collaborative process, including co-teaching models, will be utilized to design a long-term unit plan. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 305 Assessment and Instruction for Students with Autism Spectrum Disorders 3 Credits
Through this course, teacher candidates will learn both theories related to teaching students with Autism Spectrum Disorder (ASD) as well as best practices in the classroom related to academic instruction, as well as emotional, behavioral, and communicative interventions. This course also includes a field component, in which teacher candidates are expected to complete 10 hours of observation in a classroom with students with ASD. The course begins by examining the characteristics of the disability, causes, early warning signs, diagnostic procedures, and early intervention practices. Specific practices related to instruction and intervention as well as how to best structure a classroom for students will be examined. Teacher candidates will receive instruction in a variety of strategies and practices, even those that do not yet qualify as EBPs, as well as their theoretical underpinnings. Strategies for communicating effectively and efficiently with parents, as well as the most current and/or special issues in the field will also be discussed. Issues related to post-secondary transition will also be examined.
Prerequisites: A cumulative GPA of 2.75 and SPE 201.

Elementary Education - STEM Studies

Program Overview

Currently, NJ and nearby areas are experiencing an expanding teacher shortage and the need for teachers certified to teach math & science continues to grow. This program offers an attractive option for pre-service teachers interested in STEM subjects at the middle school level as well as for teachers at the elementary level with competence and interest in STEM subjects. This program is specifically tailored to those who aim to become middle school math or science teachers or who would like to be elementary teachers with expertise in the STEM fields.

Students will be interviewed in their first semester using our CAEP screening tool. Students who do not pass the screening interview will meet with the DOTE department chair and their academic advisor to determine if teaching is an appropriate career path for them. Students will be required to pass the Praxis Core by the time they achieve junior status (54 credits) and the Praxis Subject Matter assessment before taking their final semester of methods courses.

Degree Offered

- B.A. in Elementary Education - STEM Studies

Contact

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Program Website: Elementary Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)
Associated Department: Department of Teacher Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)

Accreditation Information
Council for the Accreditation of Education Preparation (CAEP) (http://caepnet.org/)

Related Programs
- Secondary Education (p. 54)

Elementary Education - STEM Studies Program Requirements

(123 credits)

In addition to completing the Elementary Education - STEM Studies requirements, all Rider University students are required to complete the Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) requirements.

Code	Title	Credits
Basic Education Core Courses		
Complete the following courses:		
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
History Elective [1]		3
Fine Arts elective (Appreciation or Studio)		3
Literature elective		3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Foreign Language elective		3
NCT 012	Navigating Rider	0
General Education Electives		**17**
Professional Education		
Complete the following courses:		
ELD XXX Stem Methods - new course under development		3
SPE 300	Inclusive Practices for General Education Teachers	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
ELD 350	Early Adolescence	1
ELD 360	Structure and Culture of Middle School Classroom	1
ELD 380	Methods of Teaching Mathematics in the Middle School	3
or ELD 385	Teaching Science in the Middle School	
EDU 465	Student Teaching and Seminar	12
STEM Concentration		
Multidisciplinary Courses:		
ENG 336	Grammar and Style	3
or ENG 236	Applied Grammar & Syntax	
HIS elective (SST 300 is recommended)		3
Mathematics Courses:		
MTH 150	Mathematics for Education Majors I [5]	3
MTH 151	Mathematics for Education Majors II [5]	3
MTH 152	Mathematics for Education Majors III [5]	3
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
MTH 105	Algebra and Trigonometry	4
Technology Courses:		
Select one from the list below:		3
TEC 207	Social Media for Education	
TEC 308	Digital Tools for Teaching	
CSC 105	Fundamentals of Computer Science	
CSC 110	Computer Science I	
Science Requirement:		**15**
A minimum of 15 credits in any science and at any level are needed, with at least 3 courses that include a Lab section (12 credits) and one non-Lab science (3 credits). The following are options to select from to complete the credits required for both Basic Education core and Multidisciplinary Concentration in Sciences and Mathematics.		
Lab-science courses. Select a total of three 4-credit and 3-credit + 1-credit courses:		
BIO 110 & 110L	Life Science: Inquiry Approach and Life Science: Inquiry Approach Lab	
CHE 118 & 118L	Exploration of Chemical Principles and Exploration of Chemical Principles Lab	
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	
CHE 114 & 114L	Chemistry in the Kitchen and Chemistry in the Kitchen Lab	
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	
GEO 113 & GEO 102	Environmental Geology and Earth Materials and Processes Lab	
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab	
Select one from the list below, or select one additional 3-credit course from the Science Requirement list above.		
PHY 180	Astronomy	
BIO 100	Life Science	
ENV 120	Introduction to Climate Change	
ENV 110	Future of Natural Resources	
GEO 168	Mesozoic Ruling Reptiles	
Total Credits		**123**

1 While any HIS course is allowed, either HIS 150 or HIS 151 is recommended.

2 EDU 106 and EDU 206 must be taken concurrently.

3 ELD 307 and ELD 375 must be taken concurrently.

4 ELD 308 and ELD 376 must be taken concurrently.

[5]

With approval from your advisor, a different MTH course may be substituted.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I [1]	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II [1]	3
Foreign Language Elective [2]		3
Science Elective with Lab [3]		4
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III [2]	3
English Literature Elective		3
History Elective		3
General Studies Elective		3
Science Elective with Lab [3]		4
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [4]	3
EDU 206	Developmental Education Psychology [4]	3
ENG 236 or ENG 336	Applied Grammar & Syntax or Grammar and Style	3
General Studies Elective		3
Choose one Technology Elective:		3
TEC 207	Social Media for Education	
TEC 308	Digital Tools for Teaching	
CSC 105	Fundamentals of Computer Science	
CSC 110	Computer Science I	
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
MTH 105	Algebra and Trigonometry	4
SPE 300	Inclusive Practices for General Education Teachers	3
Science Elective with Lab [3]		4
	Semester Credit Hours	**15**
Spring Semester		
ELD 307	Emergent Literacy P-3 [5]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [5]	3
General Studies Elecitve		3
General Studies Elective		3
Choose one non-lab science from the following:		3
PHY 180	Astronomy	
BIO 100	Life Science	
ENV 120	Introduction to Climate Change	
ENV 100	Introduction to Environmental Sciences	
GEO 110	Geology of National Parks	
GEO 168	Mesozoic Ruling Reptiles	
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
ELD 360	Structure and Culture of Middle School Classroom	1
ELD 380 or ELD 385	Methods of Teaching Mathematics in the Middle School or Teaching Science in the Middle School	3
STEM Methods Course		3
General Studies Elective		3
General Studies Elective		2
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

[1]

Or other approved math course.

[2]

For proper course placement please visit this website (http://catalog.rider.edu/policies/undergraduate/placement-testing-information/).

[3]

Choose one lab science from the following: BIO 110, CHE 118, ENV 100, CHE 114, GEO 100 and GEO 102, GEO 113 and GEO 102, MAR 120 and MAR 121.

[4]

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

[5]

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering these courses.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Courses and Descriptions

BHP 100 Honors Seminar: Great Ideas I 3 Credits
Traces the impact of great ideas on society, politics, economics, science, and the arts. This writing-intensive course substitutes for CMP 120 Expository Writing. Freshmen only.

BHP 150 Honors Seminar: Great Ideas II 3 Credits
A continuation of Great Ideas I, the introductory Freshman Baccalaureate Honors Seminar. Great ideas are studied in their cultural and historical contexts and from an interdisciplinary perspective. Students are guided in writing an effective research paper. This writing-intensive course substitutes for CMP 125 Research Writing. Freshmen only.
Prerequisites: BHP 100 with a minimum grade of C or CMP 120 with a minimum grade of C or BHP100 with a score of WV.

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

CHE 114 Chemistry in the Kitchen 4 Credits
Chemistry permeates aspects of our daily lives in which we are often unaware. In this course, students will learn the core tenets of chemistry including atomic and molecular structure, bonding, intermolecular and macromolecular interactions, and chemical reactivity, and will personally investigate these properties in the context of cooking, baking, metabolism, and other kitchen-related activities. This 4-credit course will include a weekly 3-hour lab in which students will perform experiments that allow them to prepare dishes that illustrate key chemical concepts. As part of the course, students will collaborate with the Trenton Area Soup Kitchen to prepare and serve food to the community, as well as share their understanding about the chemical properties that are involved in the development of various dishes. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): CHE 114L.

CHE 114L Chemistry in the Kitchen Lab 0 Credits
This is the laboratory portion of CHE 114.
Corequisite(s): CHE 114.

CHE 118 Exploration of Chemical Principles 4 Credits
A one-semester introduction to the principles of chemical sciences. Students will utilize inquiry-based learning methods to examine contextual problems as a means to explore introductory models and concepts of chemistry. Students will also gain an understanding of how scientific models are used to explain experimental observations. The laboratory component of this course is designed to provide students with an experimental context within which to develop some of the models described in the classroom. Three hours of lecture and one three-hour lab per week.

CHE 118L Exploration of Chemical Principles Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 118.

CMP 120 Seminar in Writing and Rhetoric 3 Credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CMP 120 or BHP 100.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

CSC 105 Fundamentals of Computer Science 3 Credits
This course offers an introduction to fundamental areas of study in computer science - their applications, capabilities, and boundaries. Topics include computer organization, algorithms design and analysis, programming paradigms, software development process, operating systems responsibilities, applications, and communications. Hands-on python programming is also introduced in this course from a non-mathematical problem-solving point of view. Basic programming constructs include statements, expressions, variables, control structures, functions, and file operation.

CSC 110 Computer Science I 3 Credits
This course is an introduction to computer science and modern computing fundamentals. Students will develop programs and algorithms to solve a variety of problems posed in the natural sciences. Students will learn to code in Python, a widely adopted language, and learn the basics of algorithms, data types, program structure and development,
Prerequisite(s): MTH 105 or MTH 106 or MTH 210 or concurrent enrollment. MTH 210 or MTH 106 preferred for CSC majors.

EDU 106 Contexts Of Schooling 3 Credits
Students in this field-based course will begin to examine aims, practices, and contemporary issues of schooling in their historical, sociological, philosophical, and futuristic contexts and from the perspectives of various multicultural constituencies-- students, parents, local community, wider economic community, government, and the profession. In doing so, they will begin to develop professional skills of observation, reflection, analysis, and argument. This course must be taken concurrently with EDU 206. A cumulative GPA of 2.75 is required.

EDU 206 Developmental Education Psychology 3 Credits
This field-based course focuses on: a) the cognitive, personality, social, creative, and moral development of children and adolescents; b) influential theories, concepts, and research findings of educational psychology; and c) the translation of psychological theory into classroom practices. This course must be taken concurrently with EDU 106. A cumulative GPA of 2.75 is required.

ELD 307 Emergent Literacy P-3 3 Credits
This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 308 Fostering Language and Literacy Development 3 Credits
Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206; ELD 307.

ELD 350 Early Adolescence 1 Credits
This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes.

ELD 360 Structure and Culture of Middle School Classroom 1 Credits
This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 375 Methods of Teaching Mathematics in Elementary Classrooms 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206, MTH 102 or MTH 105 or MTH 150 or MTH 210.

ELD 376 Teaching Science, Social Studies and the Arts N-6 3 Credits
This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade six (based on NCSS, NSTA, and NAEA Standards). Emphasis is placed on an integrated approach to curriculum, with lesson and unit planning activities that incorporate hands-on-experiences, discovery learning and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of classroom instruction and the teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required.
Prerequisite(s): ELD 307 and ELD 375.

ELD 380 Methods of Teaching Mathematics in the Middle School 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. In keeping with the National Council of Teachers of Mathematics (NCTM) Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experience, use of technology, and traditional and non-traditional assessment. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 385 Teaching Science in the Middle School 3 Credits
This course focuses on the teaching of sciences that is developmentally appropriate for students in grades six through eight. In keeping with the National Science Education Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experiences, use of technology and traditional and non-traditional assessment strategies. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ENG 236 Applied Grammar & Syntax 3 Credits
This course offers a review of the essential elements of English grammar and syntax and fosters understanding of how these elements work in notable argumentative and expository writing as well as in the student's own compositions. Focus is on both expert reading and effective writing. Changing attitudes toward usage, including influence of digital media on language use, are discussed. May be taken as preparation for, or independently of ENG 336, which addresses grammar, syntax, and style at a more advanced level.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 336 Grammar and Style 3 Credits
By building a comprehensive knowledge of the conventions of English grammar, punctuation and syntax, students will learn how to analyze the way words, phrases, sentences, and paragraphs work in expert writing, and they will apply this knowledge to their own writing. Emphasis is on argument, exposition, and analysis.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 110 Future of Natural Resources 3 Credits
In this course, students are introduced to topics in the natural sciences through studies of human exploitation of selected natural resources (e.g. water, fisheries, mineral resources, energy, etc.). The course work includes a study of the scientific process and how it can contribute to solutions to contemporary issues. Topics covered will include factors that influence real-world decisions to manage natural resources more sustainably (e.g. political, economic, ethical factors). During the three hours of class meetings each week, lecture and exercises will be integrated. Field trips will be required. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENV 120 Introduction to Climate Change 3 Credits
This course offers students an overview of the human impacts on Earth's climate and emerging solutions to limit future climate change. Students will learn scientific insights into the interconnected components of Earth's climate as a system including the atmosphere, oceans, land, geology, and ice. Human effects on Earth's climate system will be contrasted with natural climate variation that preceded the industrial revolution. Students will also consider the personal, societal, and ethical implications of climate change through the lens of environmental justice.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that "society exists by geologic consent subject to change without notice" by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 168 Mesozoic Ruling Reptiles 3 Credits
This course provides an introduction to the vertebrate groups that dominated the land (Dinosaurs), the seas (Mosasaurs, Plesiosaurs, Pliosaurs, Tylosaurs, and Ichthyosaurs) and the skies (Pterosaurs, Pterdactyls) during the Mesozoic Era (65-250 million years ago). Students study the diversity of skeletal architectures and their reconstructed function and the often controversial, inferred anatomy, physiology, reproductive strategy, habit, and social behaviors of these animals that are different from mainstream reptiles, birds, and mammals. They also learn about the paleogeographical, and paleoclimatological conditions that facilitated the evolutionary rise to dominance and diversification of these vertebrate groups and the debated causes of their eventual extinction. These topics also serve to illustrate how the scientific approach works and how competing hypotheses are evaluated. Three hours of lecture per week. Weekend field trips may be required.. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

HIS 150 World History to 1500 3 Credits
This course traces both regional histories and global interactions, and covers the development of societies and states in Africa, the Americas, Asia and Europe from prehistoric times until about 1500. Certain major topics will be pursued, including agriculture, great empires, the major world religions, long-distance trade, and early modern exploration. While learning about these topics, students will also gain an understanding of the practice of history, especially of the kinds of sources historians use and how they reconstruct and interpret the past.

HIS 151 World History Since 1500 3 Credits
Learn what college students should know about history as a discipline and why history matters by tracing the development and interactions of the cultures of Europe, Africa, Asia and the Americas from 1500 to the present. Students will gain an appreciation for the value of historical thinking and a greater understanding of the relationships among modern nations so necessary for global citizenship.
Prerequisite(s): HIS 150.

MAR 120 Oceanography 3 Credits
In this course, students will investigate the geological, chemical, physical, and biological processes that shape the ocean. Emphasis will be placed on how these processes interact with each other and with human populations. These interactions influence important global phenomena that impact all our lives, including weather and climate, the distribution of marine organisms and other natural resources, and coastal processes. Understanding these phenomena will enable students to make more informed decisions and contribute to serious global marine issues. Students will learn through a combination of hands-on exercises designed to foster a deeper understanding of the scientific content as well as the scientific process, practical experiences with real data, readings, and some lectures. CLAS general education areas addressed: DP & GP.

MTH 150 Mathematics for Education Majors I 3 Credits
This is the first course in a three-course sequence for education majors, This course covers the concept of Numbers, starting with counting numbers, decimals, negative numbers, fractions, and real numbers; different ways of representing numbers, and the relations between them are explored; different meanings and applications of the arithmetic operations are studied; standard and non-standard algorithms for arithmetic are considered in light of the representation of numbers. May not be used by CLAS students to satisfy the mathematics component of the core.

MTH 151 Mathematics for Education Majors II 3 Credits
This is the second course in a three-course sequence for elementary education majors. In this course, students will study proportional reasoning, Number Theory, Algebra, Geometry, and measurement. May not be used by SLAS students to satisfy the mathematics component of the core.
Prerequisite(s): MTH 150.

MTH 152 Mathematics for Education Majors III 3 Credits
This is the third course in a three-course sequence for elementary education majors. In this course, students will study area and volume, transformational geometry, statistics and probability.
Prerequisite(s): MTH 151.

MTH 105 Algebra and Trigonometry 4 Credits
The course is an in depth and rigorous study of functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses, trigonometric identities.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

NCT 012 Navigating Rider 0 Credits

PHY 180 Astronomy 3 Credits
Examines mankind's quest to understand the origin and form of the universe. Emphasis on the ideas of modern cosmology and their impact on our changing perception of our place in the universe, making use of information gleaned by simply looking at the night sky as well as post Apollo-era views of the solar system and the evolving universe as a whole.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

SPE 300 Inclusive Practices for General Education Teachers 3 Credits
This online course is designed to introduce preservice general education teachers students to special education and the inclusive classroom. Students will explore current issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours. Prereqisite(s): EDU 106 and EDU 206. A cumulative gpa of 2.75 is required.

SST 300 Historical & Contemporary Issues in the Social Studies 3 Credits
This course is designed to provide education and non-education majors a comprehensive introduction to, and understanding of, social studies knowledge. This knowledge covers a broad array of academic disciplines, including American/World History, Government and Politics, Geography, Economics, and the various behavioral sciences. The course is aimed at engendering a theoretical grasp of the essential elements of these disciplines, as well as a practical understanding of how the content areas exist in both human society and contemporary policies/issues.

TEC 207 Social Media for Education 3 Credits
Social Media for Education will introduce students to the structure and culture of social media and how social networking applies to the educational environment. This three-credit course will foster a deep understanding of how social media in education can benefit students, teachers, administrators, staff, and stakeholders.

TEC 308 Digital Tools for Teaching 3 Credits
Designed to enable the student to develop instructional presentations utilizing the advantages of multimedia technology. Each student will be required to create a multimedia portfolio that contains information presentations, cumulative records, presenter notes, work samples, photo library, video animation, and audio narration. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail. Expertise will be developed as the course progresses.

English

Program Overview

English majors at Rider develop creativity and skills in language, writing, analysis, and critical thinking by taking both literature, writing, and cinema courses. English majors receive attention and support from devoted faculty who help them develop their talents and skills as they learn to write intelligently and persuasively, to read with pleasure and understanding, and to strengthen the powers of their imaginations.

On the pragmatic level, employers actively seek employees with critical thinking and writing skills. English majors go on to be authors, editors, journalists, teachers, professors, librarians, executives, and lawyers. They work in publishing, media, public relations, and other areas. Graduates of the English Department have published poetry, fiction, plays, and screenplays.

More than just a curriculum, we sponsor social gatherings, networking opportunities, a speaker series, a literary magazine, poetry and fiction readings, film screenings, a newsletter, and two English Clubs, including an English SGA organization and Sigma Tau Delta Honor Society.

Curriculum Overview

English majors can focus their studies in the literature concentration or the writing concentration. Both concentrations offer substantial grounding in the rich heritage of world literature and in the cultural diversity of contemporary life. The cinema studies concentration is also an option for English majors, if they wish to focus on film analysis.

Literature Concentration

Students who are primarily interested in literature can choose from a wide variety of courses and subjects ranging from the Anglo-Saxon epic, *Beowulf*, to poets and novelists of the 21st Century, from 19th-century American slave narratives to dramatic and fictional works by Shakespeare, Austen, Woolf, and Hurston.

Writing Concentration

Those who want to primarily develop their writing can choose a concentration offering intensive instruction in many kinds of writing, including creative writing (fiction, nonfiction, playwriting, and poetry), as well as publishing and professional writing.

Cinema Studies Concentration

Those who are drawn to film might choose a concentration in cinema studies and enroll in a variety of classes on film analysis, history, and theory, courses which also emphasize interpretive and writing skills.

Honors Program in English

Qualified majors may apply for honors in their senior year. A student must have a 3.25 cumulative average and a 3.5 average in English. Upon approval from the Department of English, a candidate for honors enrolls in ENG 497 Advanced Study, writes a thesis, and submits it for departmental approval. The student must achieve a course grade of "B+" or better to graduate with honors in English.

Degree Offered

- B.A. in English

Contact

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Program Website: English (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/english/)

Associated Department: Department of English (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/english/)

Related Programs

- Communication Studies (p. 114)
- Education (p. 666)
- Journalism (p. 346)
- Philosophy (p. 442)
- Psychology (p. 461)

English Major Requirements

All declared English majors should take the departmental gateway courses as prerequisites to upper-level major courses. The gateway courses should be taken in the sophomore year. All transfers into the major must take the gateway courses in the first two semesters after their transfer. (Transfer students may take the gateway courses concurrently with upper-level major courses.)

Majors must receive a "C-" or above in each of the gateway courses to continue in the major. Those who receive a "C" or "C-" in any gateway course must meet with the individual professor teaching that course to discuss their academic progress. Majors who receive a "D" or below in any gateway course must repeat the course and meet with the professor teaching that course. Gateway courses may be repeated only once in order to achieve a grade of "C-" or above. (The repeated course may be taken concurrently with other major courses.)

- Requirements for the Literature Concentration (p. 228)
- Requirements for the Writing Concentration (p. 228)
- Requirements for the Cinema Studies Concentration (p. 229)

Requirements for the Literature Concentration

(39 credits)

Code	Title	Credits
See CAS General Education Curriculum Page (p. 1146)		
Gateway Courses		**9**
English literature majors should take all Gateway Courses before they take 300- and 400- level courses		
ENG 240	Contemporary Literary Lenses	
or ENG 245	Creativity	
ENG 250	Literary History I	
ENG 251	Literary History II [1]	
Literature and Linguistics		**3**
Select one of the following:		
ENG 236	Applied Grammar & Syntax	
ENG 336	Grammar and Style	
ENG 411	History of the English Language [1]	
Historical Surveys		**9**
Select three from the following, at least one from "Earlier" and one from "Later"		
Earlier		
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 333	16th-Century Literature	
ENG 335	17th-Century Literature	
ENG 340	Restoration & 18th Century Literature	
ENG 350	Sex and Sin in Early American Literature	
Later		
ENG 345	Romantic Literature	
ENG 346	Victorian Literature,1830-1900	
ENG 351	19th-Century American Literature	
ENG 332	British Literature, 20th-Century to Present	
ENG 357	American Literature, 20th century to Present	
Ethnic and Global Literature [2]		**3**
Select one from the following:		
ENG 337	Global Literature	
ENG 344	Gods and Monsters: Biblical and Classical Influence in Literature	
ENG 366	Black and Multi-Ethnic Literature	
Students must take a total of six credits, distributed according to their preference, from the following two categories:		
Genre/Sub-Genre Courses [2]		**6**
Select one, two, or three from the following:		
ENG 362	The Novel	
ENG 363	The Drama	
ENG 364	The Poem	
ENG 365	Short Fiction	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 384	Film Adaptation	
Theoretical & Methodolological Approaches [2]		
Select one, two, or three from the following:		
ENG 316	Theories of Writing & Tutoring	
ENG 375	Literature and Sexuality	
Major Author Seminars		**3**
Select one from the following:		
ENG 425	Seminar in Shakespeare	
ENG 435	Seminar In Milton	
ENG 440	Seminar in Selected Major Authors	
ENG 455	Seminar in Chaucer	
ENG 465	James Joyce	
Select two elective courses from the English Major [3]		**6**
Total Credits		**39**

1

Secondary education and English double majors are required to select either ENG 336 or ENG 411, AND either ENG 337 or ENG 445 .

2

English majors concentrating in literature may also take:

- ENG 354, ENG 355, ENG 356 or ENG 361 to fulfill course requirements in the category designated as appropriate by the English Department as the time such courses are offered;
- **OR** ENG 490 **and** one additional ENG course from any ENG major concentration assuming that prerequisites, if any, are met.

3

Electives may include ENG 206, ENG 236, ENG 240, and ENG 245, any 300- or 400-level English course, an Independent Study (ENG 490), an Internship (ENG 491)**,** or an Honors Capstone (ENG 497 Advanced Study). Students may not count literature courses that fulfill the Disciplinary Perspectives element of the CAS general education curriculum.

Requirements for the Writing Concentration

(39 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Gateway Courses		**12**
English writing majors should take all Gateway Courses before they take 300- and 400- level courses.		
ENG 206	Introduction to Creative Writing	
ENG 240	Contemporary Literary Lenses	
or ENG 245	Creativity	
ENG 250	Literary History I	
ENG 251	Literary History II	
Literature Courses		**6**
Select two of the following:		
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 333	16th-Century Literature	
ENG 335	17th-Century Literature	
ENG 337	Global Literature	
ENG 340	Restoration & 18th Century Literature	
ENG 344	Gods and Monsters: Biblical and Classical Influence in Literature	
ENG 345	Romantic Literature	

ENG 346	Victorian Literature,1830-1900
ENG 350	Sex and Sin in Early American Literature
ENG 351	19th-Century American Literature
ENG 332	British Literature, 20th-Century to Present
ENG 357	American Literature, 20th century to Present
ENG 366	Black and Multi-Ethnic Literature
ENG 371	Classics of Children's Literature
ENG 372	Children's Literature: The Adolescent Experience
ENG 375	Literature and Sexuality
ENG 425	Seminar in Shakespeare
ENG 435	Seminar In Milton
ENG 440	Seminar in Selected Major Authors
ENG 441	Seminar in American Literature
ENG 443	Seminar in Literary Modernism
ENG 455	Seminar in Chaucer
Genre/Seminar Courses	**3**
Select one of the following:	
ENG 362	The Novel
ENG 363	The Drama
ENG 364	The Poem
ENG 365	Short Fiction
ENG 381	Studies in Film Genre
ENG 384	Film Adaptation
Writing Courses	**18**
Select six courses from the following (at least one course must be at the 400 level):	
ENG 236	Applied Grammar & Syntax
ENG 303	Creative Writing: Poetry
ENG 304	Creative Writing: Fiction
ENG 305	Creative Writing: Nonfiction
ENG 311	Creative Writing: Playwriting
ENG 312	Creative Writing: Screenwriting
ENG 313	Creative Writing: Experimental Writing
ENG 315	Topics in Specialized Writing
ENG 316	Theories of Writing & Tutoring
ENG 318	Food Writing
ENG 320	Editing for Literary Publishing
ENG 321	Business and Professional Contexts
ENG 322	Grant Proposals, Fundraising and Development
ENG 323	Reviewing and Publishing
ENG 324	Writing for Online Audiences
ENG 325	Jobs in Book Publishing
ENG 326	Editing for Academic Publishing
ENG 336	Grammar and Style
ENG 400	Creative Writing: Advanced Creative Writing
ENG 405	Advanced Prose Style
ENG 407	Advanced Workplace Writing
ENG 411	History of the English Language
ENG 490	Independent Study: Research and Creative Expression [2]
ENG 491	Internship in Writing and Publishing [2]
ENG 497	Advanced Study
Total Credits	**39**

1

Secondary Education-English majors are required to select either ENG 336 or ENG 411, **AND** either ENG 337 or ENG 445 .

2

English Majors concentrating in writing may also take: ENG 354 or ENG 361 to fulfill course requirements in the category as appropriate by the English Department at the time such courses are offered;

- ENG 490 ;
- ENG 491 with permission.

Requirements for the Cinema Studies Concentration

(39 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Gateway Courses		**9**
English cinema studies majors should take all Gateway Courses before they take 300- and 400- level courses.		
ENG 250	Literary History I	
ENG 251	Literary History II	
ENG 284	Language of Film Analysis	
Film History I Courses		**3**
Select at least one of the following:		
ENG 281	Global Film History: Origins to 1960	
ENG 285	American Film History: Origins to 1960	
Film History II Courses		**3**
Select at least one of the following:		
ENG 282	Global Film History: 1961 to Present	
ENG 286	American Film History: 1961 to Present	
Genre/Literature Courses [1]		**6**
Select at least two of the following:		
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 332	British Literature, 20th-Century to Present	
ENG 346	Victorian Literature,1830-1900	
ENG 351	19th-Century American Literature	
ENG 357	American Literature, 20th century to Present	
ENG 362	The Novel	
ENG 363	The Drama	
ENG 365	Short Fiction	
ENG 366	Black and Multi-Ethnic Literature	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 425	Seminar in Shakespeare	
ENG 440	Seminar in Selected Major Authors	
Elective Writing Courses		
ENG 322	Grant Proposals, Fundraising and Development	
ENG 323	Reviewing and Publishing	
Cinema Studies Courses		**15**

Select five courses from the following with at least three being ENG cinema courses:		
ENG 381	Studies in Film Genre	
ENG 382	Comparative Film Directors	
ENG 383	Global Cinemas	
ENG 384	Film Adaptation	
ENG 312	Creative Writing: Screenwriting [3]	
or FMS 286	Writing Short Screenplays for Digital Cinema	
FMS 342	Artists of the Cinema	
AMS 215	Alfred Hitchcock in America	
FRE 422	Cultural Expression in French Film and Television	
LIT 322	German Literature & Film in English Translation	
SPA 412	Theater and Film of the Hispanic World (knowledge of Spanish language required)	
SPA 426	Latin American/Latino Film and Fiction	
Elective Honors Capstone		**3**
ENG 484	Seminar in Cinema Studies	
ENG 490	Independent Study: Research and Creative Expression [4]	
ENG 491	Internship in Writing and Publishing [2]	
Total Credits		**39**

1

Special Topics in any given semester may be approved by the Department of English to fulfill course requirements within the concentration.

2

English majors concentrating in cinema studies may also take:

- ENG 354 - ENG 361 to fulfill course requirements in the category designated as appropriate by the English Department at the time such courses are offered;
- ENG 490;
- ENG 491 with permission.

3

Students may choose to take either ENG 312 or FMS 286.

4

The Independent Research and Study must be applicable to Cinema Studies and could result in a major research paper, a full-length screenplay, or a short film production project, including a screenplay authored by the student.

English Minor Requirements

All declared English minors should take the departmental gateway courses as prerequisites to upper-level minor courses. The gateway courses should be taken in the sophomore year. All transfers into the minor should take the gateway courses in the first two semesters after their transfer. (Transfer students may take the gateway courses concurrently with upper-level minor courses.)

Minors must receive a "C-" or above in each of the gateway courses to continue in the minor. Those who receive a "C" or "C-" in any gateway course must meet with the individual professor teaching that course to discuss their academic progress. Minors who receive a "D" or below in any gateway course must repeat the course and meet with the professor teaching that course. Gateway courses may be repeated only once in order to achieve a grade of "C-" or above. (The repeated course may be taken concurrently with other major courses.)

- Requirements for the Minor with a Concentration in Literature (p. 230)
- Requirements for the Minor with a Concentration in Writing (p. 231)
- Requirements for the Minor with a Concentration in Cinema Studies (p. 231)

Requirements for the Minor with a Concentration in Literature

(18 credits)

Code	Title	Credits
Gateway Courses		
English Literature Minors should take Gateway Courses before they take 300- and 400- level courses.		
Select one of the following:		3
ENG 240	Contemporary Literary Lenses	
ENG 245	Creativity	
Select one or both of the following:		3-6
ENG 250	Literary History I	
ENG 251	Literary History II	
Electives		
Students who have taken both ENG 250 and ENG 251 should select three of the Electives listed below. All other students should select four Electives. All students may count no more than one Language-based course toward the minor.		9-12
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 332	British Literature, 20th-Century to Present	
ENG 333	16th-Century Literature	
ENG 335	17th-Century Literature	
ENG 337	Global Literature	
ENG 340	Restoration & 18th Century Literature	
ENG 344	Gods and Monsters: Biblical and Classical Influence in Literature	
ENG 345	Romantic Literature	
ENG 346	Victorian Literature,1830-1900	
ENG 351	19th-Century American Literature	
ENG 357	American Literature, 20th century to Present	
ENG 362	The Novel	
ENG 363	The Drama	
ENG 364	The Poem	
ENG 365	Short Fiction	
ENG 366	Black and Multi-Ethnic Literature	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 375	Literature and Sexuality	
ENG 384	Film Adaptation	
ENG 425	Seminar in Shakespeare	
ENG 435	Seminar In Milton	
ENG 440	Seminar in Selected Major Authors	
ENG 455	Seminar in Chaucer	
ENG 465	James Joyce	
Language-based Courses		
Select one of the following:		
ENG 236	Applied Grammar & Syntax	

ENG 316	Theories of Writing & Tutoring	
ENG 336	Grammar and Style	
ENG 411	History of the English Language	
Total Credits		**18**

1

ENG 354 or ENG 361 may also be selected to fulfill requirements in the category designated as appropriate by the English Department at the time such courses are offered.

Requirements for the Minor with a Concentration in Writing

(18 credits)

Code	Title	Credits
Gateway Courses		
English Writing Minors should take all Gateway Courses before they take 300- and 400- level courses.		**9**
ENG 206	Introduction to Creative Writing	
ENG 250	Literary History I	
ENG 251	Literary History II	
Writing Courses		
Select three of the following:		9
ENG 236	Applied Grammar & Syntax	
ENG 303	Creative Writing: Poetry	
ENG 304	Creative Writing: Fiction	
ENG 305	Creative Writing: Nonfiction	
ENG 311	Creative Writing: Playwriting	
ENG 312	Creative Writing: Screenwriting	
ENG 313	Creative Writing: Experimental Writing	
ENG 315	Topics in Specialized Writing	
ENG 316	Theories of Writing & Tutoring	
ENG 318	Food Writing	
ENG 320	Editing for Literary Publishing	
ENG 321	Business and Professional Contexts	
ENG 322	Grant Proposals, Fundraising and Development	
ENG 323	Reviewing and Publishing	
ENG 324	Writing for Online Audiences	
ENG 325	Jobs in Book Publishing	
ENG 326	Editing for Academic Publishing	
ENG 336	Grammar and Style	
ENG 400	Creative Writing: Advanced Creative Writing	
ENG 405	Advanced Prose Style	
ENG 407	Advanced Workplace Writing	
ENG 411	History of the English Language	
ENG 490	Independent Study: Research and Creative Expression	
ENG 491	Internship in Writing and Publishing	
Total Credits		**18**

1

ENG 354 or ENG 361 may also be selected to fulfill course requirements in the category designated as appropriate by the English Department at the time such courses are offered

Requirements for the Minor with a Concentration in Cinema Studies

(18 credits)

Code	Title	Credits
Gateway Courses		
English Cinema Studies Minors should take required Gateway Courses before they take 300- and 400- level courses.		**6**
ENG 284	Language of Film Analysis	
ENG 250	Literary History I	
or ENG 251	Literary History II	
Film History Courses		
Select one of the following:		3
ENG 281	Global Film History: Origins to 1960	
ENG 282	Global Film History: 1961 to Present	
ENG 285	American Film History: Origins to 1960	
ENG 286	American Film History: 1961 to Present	
Genre/Literature Courses		
Select at least one of the following:		3
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 346	Victorian Literature,1830-1900	
ENG 351	19th-Century American Literature	
ENG 357	American Literature, 20th century to Present	
ENG 332	British Literature, 20th-Century to Present	
ENG 362	The Novel	
ENG 363	The Drama	
ENG 365	Short Fiction	
ENG 366	Black and Multi-Ethnic Literature	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 425	Seminar in Shakespeare	
Cinema Studies Courses		
Select at least two of the following:		6
ENG 312	Creative Writing: Screenwriting	
ENG 381	Studies in Film Genre	
ENG 382	Comparative Film Directors	
ENG 383	Global Cinemas	
ENG 384	Film Adaptation	
ENG 484	Seminar in Cinema Studies	
AMS 215	Alfred Hitchcock in America	
Elective Capstones (3 credits)		
ENG 490	Independent Study: Research and Creative Expression [2]	
ENG 491	Internship in Writing and Publishing [2]	
Total Credits		**18**

1

Special Topics courses may be approved by the Department of English to fulfill course requirements within the concentration.

2

English majors concentrating in cinema studies may also take:

- ENG 354 or ENG 361 may be used to fulfill course requirements in the category designated as appropriate by the English Department at the time such courses are offered;
- **ENG 490;**
- **ENG 491** with permission.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

English with Literature Concentration (p. 232)

English with Writing Concentration (p. 232)

English with Cinema Studies Concentration (p. 233)

Academic Plan for English with Literature Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
Social Perspectives Course		3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language Course		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Scientific Perspectives		3
Social Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Philosophical Perspectives		3
Aesthetic Perspectives: Literature		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 251	Literary History II	3
Four Elective Courses [1]		12
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Spring Semester		
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ENG 300 Level (Genre/Theoretical/Sub-Genre Category)		3
ENG 300 or 400 Level (Any Category)		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
ENG 400 Level Course (Seminar Category)		3
ENG 400 Level Course (Any Category)		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Please note that elective credits may be used to complete requirements in a second major or minor.

2

Literature core requirement included in the major.

Academic Plan for English with Writing Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
Social Perspectives		3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 206	Introduction to Creative Writing	3
CMP 125	Seminar in Writing and Research	3

HIS 151	World History Since 1500	3
Social Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Philosophical Perspectives		3
Aesthetic Perspectives: Fine Arts		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 251	Literary History II	3
ENG 300 Level Writing/Genre Course		3
Scientific Perspectives		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ENG 300 Level Writing/Genre Course		3
ENG 300 Level Literature Course		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
ENG 300 Level Writing/Genre Course		3
ENG 300 Level Literature Course		3
ENG 300 Level Writing/Genre Course		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ENG 300 Level Writing Course		3
ENG 300 Level Writing Course		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
ENG 400 Writing Course		3
Four Elective Courses [1]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 Please note that elective credits may be used to complete requirements in a second major or minor.

2 Literature core requirement included in the major.

Academic Plan for English with Cinema Studies Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
Social Perspectives		3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Philosophical Perspectives		3
Social Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ENG 284	Language of Film Analysis	3
ENG 250	Literary History I	3
Film History I Course		3
Aesthetic Perspectives: Fine Arts		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 251	Literary History II	3
Scientific Perspectives		3
Film History II Course		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
Select one of the following:		**3**
Film History I Course		
Film History II Course		
Any ENG 300 Level Cinema Studies Course		
Genre/Literature/Writing Course		3
Genre/Literature/Writing Course		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Spring Semester		
Select one of the following:		**3**
Any ENG 300 Level Cinema Studies Course		
Film History I Course		
Film History II Course		
Genre/Literature Course		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**

Year 4	
Fall Semester	
Select one of the following:	**3**
Film History I Course	
Film History II Course	
Select one of the following:	**3**
ENG 484 Seminar in Cinema Studies	
Any 300 Level Cinema Studies Course	
Any 300 Level Cinema Studies/ Genre/Literature/Writing Course	3
Any 300 Level Cinema Studies/ Genre/Literature/Writing Course	3
One Elective Course [1]	3
Semester Credit Hours	**15**
Spring Semester	
Select one of the following:	**3**
Any ENG 300 Level Cinema Studies/Genre/Literature/ Writing Course	
Elective Honors Capstone Course	
Select one of the following:	**3**
Film History I Course	
Film History II Course	
Any ENG 300 Level Cinema Studies/Genre/Literature/ Writing Course	
Any 300 Level Cinema Studies/Genre/Literature/Writing Course	3
Two Elective Courses [1]	6
Semester Credit Hours	**15**
Total Credit Hours for Graduation	**120**

1

Please note that elective credits may be used to complete requirements in a second major or minor.

2

Literature general education requirement included in the major.

Courses and Descriptions

ENG 205 Understanding Literature 3 Credits
The novel, the short story, drama, and poetry are studied, with a view to the insights to be gained from literature. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 206 Introduction to Creative Writing 3 Credits
A workshop that introduces students to basic conventions and techniques of creative writing. Students will read and study published writing in multiple genres, such as short fiction, drama, poetry, and creative nonfiction, and write and revise their own creative pieces.

ENG 208 Arthurian Legends in Literature 3 Credits
The legends attached to King Arthur and the Knights of the Round Table have become cultural touchstones in England and the United States. This survey of medieval to contemporary Arthurian literature examines the legends and their written versions within their respective cultural, historical, philosophical and aesthetic contexts.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 210 Major American Authors 3 Credits
An introductory course focusing on major American poets, novelists, essayists, and playwrights. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 211 Major British Authors 3 Credits
An introductory course focusing on major British poets, novelists, essayists, and playwrights. Students will learn to understand, interpret, and evaluate literary works.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 213 Literature and Mythology 3 Credits
The interrelationships that exist between literary works and folklore, ritual, and religious scriptures and beliefs are explored. The primary emphasis is on analyzing the presence of mythic patterns in specific literary works; the secondary emphasis is on theories of mythology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 214 Monsters in Literature 3 Credits
This course examines various texts on the topic of monsters. Students read and watch films, and explore the answers to the following: Who are they? Undead, alien, satanic, outcast, hidden, hostile, tragic. Where are they? Crossroads, arctic wastes, moors, abandoned buildings, forests, outer reaches, inside. What do they want? Revenge, bodies, lives, escape, life, contact, humanity. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 215 Satire and Comedy 3 Credits
Explores these two related modes of literature with the primary emphasis on satire. Possible readings include works by Euripedes, Jonson, Shakespeare, Moliere, Voltaire, Pope, Swift, Dickens, Twain, Wilde, Waugh, Orwell, and Heller.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 217 Introduction To Shakespeare 3 Credits
Students in this course study Shakespearean drama on an introductory level through close reading, analysis, and discussion of selected plays. They learn the relevance and importance of Shakespeare's themes, characterizations, and imagery. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 218 Literature and the Environment 3 Credits
Students examine literature on important environmental issues, such as climate change, pollution, dams, oil pipelines, and nuclear energy. The class focuses on how literature, which may include fiction, poetry, drama, and essays, helps readers understand and grapple with these complex global challenges.

ENG 219 Literature and Violence 3 Credits
This course will examine and critique themes of violence that have become a pervasive and recurring artistic thread in classic literary texts. Through careful, close textual readings and critical analyses of thematically selected texts that contain multiple artistic representations of violence in varied literary genres, students will explore literary violence as a possible metaphor for understanding dimensions of power, control and dominance. In analytical studies of thematically selected texts, students will gain new insights and critical perspectives on modern American society and the social causes and ills of violence. Students will delve into the root, cause and meaning of violence and they will further grow to understand why and how violence still maintains a pervasive presence in their daily lives and in the very literature they read. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 220 Literature & Society 3 Credits
Literature is examined, emphasizing human behavior as it relates to such social phenomena as war, alienation, social disorganization, injustice, and poverty. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 221 Literature and Psychology 3 Credits
Students will study Freudian and other psychoanalytical concepts as they appear in literature, plus psychological patterns of behavior such as aggression, frustration, and submission, that have been utilized by creative literary artists to expand the reader's understanding of the human experience. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 222 Crime and Literature 3 Credits
This introductory course focuses on representations of crime in novels and short stories. The primary goal of this course is to equip you with the basic tools you need to interpret fiction. Examining how narrative elements such as plot, character, point of view, and setting function in literature will enable you to analyze, not just comprehend and summarize, fiction. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 224 Science Fiction 3 Credits
This course is designed to introduce students to science fiction, its major themes and preoccupations, as well as some of its significant authors and genres. It has been argued that science fiction or "speculative" fiction represents a viable way to make sense of our everyday world. Our primary focus, therefore, will be on how these texts--written and visual--help us understand our culture and ourselves through encounters with alien and unfamiliar worlds, species, and technology. By the end of the course, students are expected to be able to critically engage with science fiction, and to identify its broad cultural impact. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 226 Introduction to Film 3 Credits
Focuses on various cinematic techniques used to develop underlying thematic and symbolic concepts and to shape viewer response. Students will analyze classical and contemporary features for their masterful use of visual language.

ENG 228 Black American Lit 3 Credits
A survey of writings by black Americans, presented historically from early slave narratives through emancipation, reconstruction, the Harlem Renaissance, and literature from the 1930s to the present. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 229 Multi-Ethnic Literature in America 3 Credits
Surveys the literature of various ethnic groups including African Americans, American Indians, Asian Americans, Hispanic Americans, Jewish Americans and European Americans. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 230 Women In Literature 3 Credits
A range of literary presentations of the female experience and of the conditions of women's lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 236 Applied Grammar & Syntax 3 Credits
This course offers a review of the essential elements of English grammar and syntax and fosters understanding of how these elements work in notable argumentative and expository writing as well as in the student's own compositions. Focus is on both expert reading and effective writing. Changing attitudes toward usage, including influence of digital media on language use, are discussed. May be taken as preparation for, or independently of ENG 336, which addresses grammar, syntax, and style at a more advanced level.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 240 Contemporary Literary Lenses 3 Credits
This class teaches students to read literary and other cultural texts through a range of lenses including psychoanalysis, theories of gender and sexuality, social class and ideology, and race and ethnicity. Required of all English literature and writing majors, and literature minors.

ENG 245 Creativity 3 Credits
This course is an introduction to the history of literary creativity and the related topics of invention, genius, imagination, and originality. It examines theories of literary creativity throughout history from ancient ideas about the origins of inventiveness to recent theories. It looks at select works in English and other sources, and it looks at the subject of creativity in poetic, prose, and dramatic works.
Prerequisite(s): English Literature majors should take all Gateway Courses before they take 300- and 400- level courses.

ENG 250 Literary History I 3 Credits
Surveys British literature beginning with the old English epic of Beowulf and ending in 1785. Students analyze diverse works of literature from different genres, movements, and periods while taking into account historical context. Students learn to analyze literature using formal strategies and terms, and to develop arguments about literature. All English majors and writing concentration minors must take this course. Literature and cinema studies concentration minors must take either ENG 250 or 251. Students are advised to take this course prior to upper-level English courses.

ENG 251 Literary History II 3 Credits
Surveys literature in English since 1785. Students analyze diverse works of literature from different genres, movements, and periods while taking into account historical context. Students learn to analyze literature using formal strategies and terms, and to develop arguments about literature. All English majors and writing concentration minors must take this course. Literature and cinema studies concentration minors must take either ENG 250 or 251. Students are advised to take this course prior to upper-level English courses..
Prerequisite(s): ENG 250 or permission of the instructor or chairperson.

ENG 270 Major Poets 3 Credits
Studies major American and British poets.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 275 Posthumanism: Bodies and Technology in Literature 3 Credits
This course explores the concept of posthumanism in speculative and futuristic literature. Who counts as human? How do advances in science and technology change what it means to be human? How much can we change our bodies before we stop being human? Categories of posthumanism that may be explored include virtual reality, cybercultures, and bodily transcendence; cyborgs; body modification, duplication, and replacement; cloning; genetic engineering; and postapocalyptic/ ecocritical narratives.

ENG 280 Special Topics in Literature 3 Credits
Uses literary works to achieve insights into different areas of human experience. Topics change annually as announced by the English department.

ENG 281 Global Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From silent comedy and melodrama to German Expressionism and Soviet activist cinema; from French poetic realism and Italian Neo-realism to Hollywood sound cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. ENG 281 is crosslisted with FMS 250 and this course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

ENG 282 Global Film History: 1961 to Present 3 Credits
Examines major technological, industrial and aesthetic developments in both American and international cinema of the period. From the decline of the studio system and the emergence of the 'New Hollywood' to the digital revolution; from the renaissance in Western and Eastern European cinemas to Latin American, Asian, and Middle Eastern cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. ENG 282 is crosslisted with FMS 251 and fulfills the general education global perspectives requirement.

ENG 284 Language of Film Analysis 3 Credits
Provides students with the fundamentals necessary for achieving beginning proficiency in methods of cinema studies scholarship. The course provides an in-depth introduction to concepts of film analysis, theory, and history, as well as to the field of cinema studies as an academic discipline. Through close analysis of selected films and readings, students will examine the various and complex ways in which formal elements shape meaning. Students also will study key concepts in film theory, applying these concepts as a further means of understanding the ways in which film positions viewers and mediates ideology. Required of all English majors and minors with a cinema studies concentration. ENG 284 is crosslisted with FMS 284.

ENG 285 American Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in American cinema as it grew from the days of one-reel silent shorts exhibited in storefront theaters through the days of studio productions exhibited in lavish picture palaces and featuring iconic stars the system manufactured and promoted. From the inception of sound and color, to the later development of lightweight equipment that freed filmmakers from the confines of the studio, from the “golden age” to the gradual decline of the Hollywood studio system in the 1950s, we will study the lasting genres that grew out of the system, the filmmakers who flourished and those who rebelled against the system, and the ground-breaking films that established the American film industry as a dominant force within the world. ENG 285 is crosslisted with FMS 252.

ENG 286 American Film History: 1961 to Present 3 Credits
Examines the transitions of Hollywood in the post-studio era— the rise of the 1960’s-1970s New Hollywood and its ground-breaking films, the rise of the blockbuster as an industry standard; the responses of independent filmmakers and the avant-garde to blockbuster dominance; the transition from the Production Code to the ratings system, the move back to studio-owned theaters, and the emergence of digital cinema and CGI. We will look at how genres are being redefined, how major filmmakers are re-shaping their work to fit 21st century demands, how “gaming,” YouTube, and other media sources are altering the very definition of cinema.

ENG 290 The Short Story 3 Credits
Presents the development of the short story from the 19th century to the present with an emphasis on the techniques of plot, setting, characterization, theme, and point of view. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 295 Human Relationships in Literature (HONORS) 3 Credits
Through in-depth analysis of significant pairs of literary works from a variety of time periods, students in this honors course will study the dynamics of human relationships as they are presented in literature. Emphasis will be on portrayal of interpersonal relationships as inflected by conventions, constraints, and taboos. Social and psychological theories will complement esthetic and formal analysis of fiction, drama, poetry, and film. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): 3.3 GPA.

ENG 303 Creative Writing: Poetry 3 Credits
A workshop analyzing the techniques of poetic expression, with a focus on the student’s original experiments in traditional and contemporary verse forms.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 304 Creative Writing: Fiction 3 Credits
Students write original fiction and analyze the techniques of writing fiction in discussion of both their own drafts and published examples of the form.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 305 Creative Writing: Nonfiction 3 Credits
A workshop in Creative Nonfiction (aka Literary Nonfiction or Narrative Nonfiction, abbreviated CNF) in which students will write and read different forms of memoir and essay, including Personal Essay, Lyric Essay, Travel Writing, Oral History, and Personal Profiles. Creative Nonfiction (CNF) tells true stories using the literary techniques of fiction-writing, such as building dramatic scenes, establishing suspense, and developing a narrative sequence of events, or plot. CNF employs vivid sensory detail and builds characters and scenes to enhance the reader's experience of the story. Challenging the traditional journalist's stance of objectivity and emotional distance from her topics, CNF writers often put themselves into their stories to create a voice of reflection. We'll talk about what types of creative license CNF gives writers, and also about the ethics of storytelling, especially when your story's characters are real, living people.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 306 Creative Writing: Drama 3 Credits
Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and countercultures, popular commemorations like World's Fairs, and political culture. Some of the largest trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.

ENG 311 Creative Writing: Playwriting 3 Credits
A workshop teaching and analyzing how students write for the stage that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for theatrical performance. A portfolio of revisions will serve as a final for the course.

ENG 312 Creative Writing: Screenwriting 3 Credits
A workshop teaching and analyzing how students write for the screen, both television and film, that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for production. A portfolio of revisions will serve as a final for the course.

ENG 313 Creative Writing: Experimental Writing 3 Credits
A creative writing workshop dedicated to developing a wider range of literary techniques. For the purposes of this course, Experimental Writing is defined as writing that departs -- in form, structure, or style -- from the conventions of literary realism. Students will demonstrate proficiency in writing and reading experimental fiction, nonfiction, and poetry, with an emphasis on experimental narrative techniques such as metafiction, magic realism, the unreliable narrator, multi-genre and hybrid forms (works that blur the lines between poetry and prose, for example), nonlinear storytelling, fragmentation, and poetic techniques such as found text and readymades, self-imposed constraints, and the collage or mashup.

ENG 315 Topics in Specialized Writing 3 Credits
A workshop in which students will write on specialized topics chosen by the instructor.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 316 Theories of Writing & Tutoring 3 Credits
A workshop on writing and tutoring theory for students interested in becoming writing tutors or teachers.
Prerequisite(s): minimum GPA 3.0, sophomore standing, and permission of the instructor.

ENG 318 Food Writing 3 Credits
Food Writing is a thematically based course in essay writing. It develops students' ability to write effective informal prose while also extending their knowledge about food sources, preparation, and consumption. They learn through readings and exercises, however, that food writing is about more than food. It encompasses the pleasures of the table, history, culture, science, and politics.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 320 Editing for Literary Publishing 3 Credits
This course introduces students to the process of publishing literary magazines and books. Student will learn all aspects of publishing from solicitation of manuscripts to the production of copy. Specific skills will include copyediting, proofreading, and layout.

ENG 321 Business and Professional Contexts 3 Credits
Students practice writing effectively to achieve specific purposes in typical business and professional workplace environments. Genres include various kinds of internal and external communication, including print and social media, for a range of audiences.
Prerequisite(s): CMP 125 or COM 203 or BHP 150 or permission of instructor.

ENG 322 Grant Proposals, Fundraising and Development 3 Credits
Students employ their analytical and writing skills to research and write grants for non-profit organizations in their local or regional communities. Fundraising and development activities on behalf of area organizations introduce them to career opportunities in this growing field.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 323 Reviewing and Publishing 3 Credits
Students learn to write arts and literary criticism through studying the work of prominent critics in literature, theatre, film, dance, visual arts, and music. Students learn how to market themselves as potential reviewers for print and online publications.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 324 Writing for Online Audiences 3 Credits
This course will help students adapt their writing to online environments. A writing- intensive course grounded in rhetorical principles, it focuses upon planning, writing and producing online texts distributed entirely through virtual portals. Genres include E-mail, instant messages, text messages, blogs, wikis, workplace social-media, and online team collaborations.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 325 Jobs in Book Publishing 3 Credits
Students will practice the forms of writing used by literary agents and publishing professionals working in acquisitions, editorial, and production at trade, academic, and small literary presses. These forms may include the query letter, book proposal, reader's report, and marketing plan.
Prerequisite(s): Completion of composition requirements or permission of instructor.

ENG 326 Editing for Academic Publishing 3 Credits
The course will provide an overview of academic publishing with an emphasis on peer-reviewed scholarly journals. Students will learn firsthand the process of publishing a scholarly journal, from soliciting manuscripts to laying out copy. Assignments may include mastering the standard system of proofreading marks; copyediting, fact-checking and source-checking manuscripts; and correcting page proofs. Students will learn about style sheets, style manuals and reference books; document management; and professional communication standards for querying authors and reviewers.
Prerequisite(s): completion of composition requirements (CMP 125, CMP 203, or BHP 150 with a grade of C) or permission of instructor.

ENG 331 Fantasy and Fable in Medieval Literature 3 Credits
A study of monsters, fairies, magical women, green men, and more in medieval literature. From divine to bawdy, the stories and lyrics cover diverse themes and styles.

ENG 332 British Literature, 20th-Century to Present 3 Credits
A seminar on literature in the United Kingdom from 1900 to the present, emphasizing formal experiments as well as historical contexts, and including such writers as Joyce, Woolf, Beckett, Rhys, Eliot, and Ishiguro.

ENG 333 16th-Century Literature 3 Credits
A seminar on Renaissance literature including such writers as More, Wyatt, Surrey, Spenser, Sidney, Shakespeare, and Marlowe.

ENG 335 17th-Century Literature 3 Credits
A seminar on literature in England from 1600 to 1660, including such writers as Donne, Jonson, Browne, Herbert, and Marvell.

ENG 336 Grammar and Style 3 Credits
By building a comprehensive knowledge of the conventions of English grammar, punctuation and syntax, students will learn how to analyze the way words, phrases, sentences, and paragraphs work in expert writing, and they will apply this knowledge to their own writing. Emphasis is on argument, exposition, and analysis.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 337 Global Literature 3 Credits
A study of the recent literature, in English, of one or more writers whose cultural identification is with one of the former colonies of the British Empire, as it was defined at the beginning of the 20th century. Literature in the English language, written by authors of African, Caribbean, Pacific Island, East Asian, or South Asian cultures may be included.

ENG 340 Restoration & 18th Century Literature 3 Credits
An exploration of literature in England from 1660 to 1800, including such writers as Astell, Pope, Finch, Swift, Defoe, Fielding, Johnson, and Wollstonecraft.

ENG 344 Gods and Monsters: Biblical and Classical Influence in Literature 3 Credits
This course surveys biblical and classical influences on western literature and beyond, analyzing adaptations of seminal texts with special attention to gender, race, and sexuality. We will read selections from the Old and New Testaments, Homer, Sophocles, Virgil, Ovid, and Dante (to name a few) as well as adaptations of that material by popular writers, artists, and musicians.

ENG 345 Romantic Literature 3 Credits
A seminar on literature in England from 1780-1830, emphasizing a close study of the poetry of Blake, Wordsworth, Coleridge, Shelley, Byron, and Keats, as well as important novelists and female poets of the period.

ENG 346 Victorian Literature,1830-1900 3 Credits
A seminar on literature in England from 1830 to 1900, emphasizing close study of the literary culture, including such writers as Dickens, Browning, Mill, and Ruskin.

ENG 347 20th-Century British Literature 3 Credits
A seminar on literature in the United Kingdom from 1900 to 1960, emphasizing formal experiments as well as historical contexts, and including such writers as Joyce, Woolf, Beckett, Rhys, Delaney, and Eliot.

ENG 348 Contemporary British Literature 3 Credits
A study of contemporary literature written in English after 1945, in the U.K. and elsewhere, by writers of British, Irish, Scots, Welsh, and other cultural traditions. Poetry, fiction, literary essays, and drama will be included.

ENG 350 Sex and Sin in Early American Literature 3 Credits
A seminar on literature in the United States from its beginnings to 1800, emphasizing the changing and conflicted nature of religious beliefs and sexual identities in Early America. Students will read and analyze diverse literary genres including diaries, letters, essays, novels, short stories, poems, and sermons.

ENG 351 19th-Century American Literature 3 Credits
A seminar on literature in the United States from 1800 to 1900, emphasizing literary genres and the definition of an American literature as distinct from English literature.

ENG 353 Contemporary American Literature 3 Credits
A seminar on American literature from 1945 to the present.

ENG 354 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 355 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 356 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 357 American Literature, 20th century to Present 3 Credits
"A seminar on American literature from 1900 to the present, including such writers as O'Neill, Hemingway, Faulkner, Richard Wright, Stevens, Moore, and Williams, and Morrison.".

ENG 361 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 362 The Novel 3 Credits
A close reading of novels from various historical periods and cultures.

ENG 363 The Drama 3 Credits
A close reading of drama, with attention to cultural contexts and the genres of tragedy and comedy.

ENG 364 The Poem 3 Credits
A close reading of poetry, with attention to historical periods and poetic genres.

ENG 365 Short Fiction 3 Credits
A close reading of short fiction from a variety of cultures, with attention to the various genres of short fiction: short-short, short story, long story, and novella.

ENG 366 Black and Multi-Ethnic Literature 3 Credits
A Survey of the literary writings of selected writers of Black and Multi-Ethnic America. Writers may include Zora Neale Hurston, Dorothy West, Maxine Hong Kingston, Anzia Yezierska, Louise Erdrich, Don Lee and Amy Tan.

ENG 371 Classics of Children's Literature 3 Credits
An analytic study of classic and contemporary literature for children. Students will be introduced to a variety of critical approaches, including psychoanalytic, social/historical and feminist. The course may be of particular interest, but is not restricted, to students majoring in education or psychology.

ENG 372 Children's Literature: The Adolescent Experience 3 Credits
A study of enduring literature examines how exemplary writers chronicle the challenges of growing up. Texts may include influential Young Adult fiction, classics such as The Catcher in the Rye and To Kill a Mockingbird, and contemporary fiction by important writers who focus on the relevant themes.

ENG 375 Literature and Sexuality 3 Credits
The study and application of theories of gender and sexuality in various periods of British and/or American literature. Possible course topics include the literature of AIDS, the literary history of sexuality, Gothic literature and sexuality, colonialism and desire, and sensibility and sexuality in the later 18th century.

ENG 381 Studies in Film Genre 3 Credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology. Note: This course is cross-listed as FMS 381. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that genres studied will rotate.

ENG 382 Comparative Film Directors 3 Credits
Provides an in-depth comparative study of major American, international, independent and avant-garde filmmakers. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing the work of individual directors and will draw meaningful comparisons among directors sharing similar aesthetic and thematic approaches. Students will trace the artistic development of directors through their careers, assessing individual works in the context of film criticism and theory, and in the context of multi-layered intertextual influences. Note: This course is cross-listed as FMS 382. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that directors studied will rotate.

ENG 383 Global Cinemas 3 Credits
Provides an in-depth study of the history and defining characteristics of national cinemas. Through close analysis of selected films and readings, students will examine the general movements within the history and development of various national cinemas, with attention to film historiography when considering how patterns are to be viewed in light of the culture, politics, and history of a particular producing nation. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as FMS 383. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that national cinemas studied will rotate.

ENG 384 Film Adaptation 3 Credits
Provides an in-depth study of intertextual influence, as film enters into "dialogue" with various literary forms. Through close analysis of selected films and various forms of literature-including novels, graphic novels, short stories, plays, poetry, and journalism- students will study the aesthetic specificity of both film and literary genres and will analyze the transformative qualities at play when a work is adapted from page or stage to screen. Note: This course is cross-listed as FMS 384.

ENG 400 Creative Writing: Advanced Creative Writing 3 Credits
An advanced workshop in creative writing.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 405 Advanced Prose Style 3 Credits
Students analyze prose styles in English from the Renaissance to the present, focusing on the development of syntax, diction, and content. Students will be encouraged to imitate stylistic models and to develop their own prose style.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 407 Advanced Workplace Writing 3 Credits
Students will learn to adapt their writing skills to match specialized writing needs in publishing; corporate and personal finance; health, medicine, science, and technology. This course helps students build a portfolio and introduces them to corporate and freelance writing opportunities in our NJ/PA/NY area.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 411 History of the English Language 3 Credits
A seminar on the historical development of the English language, including phonetics, diversity, and present-day usage.

ENG 425 Seminar in Shakespeare 3 Credits
A seminar on Shakespearean drama and poetry.

ENG 435 Seminar In Milton 3 Credits
A seminar on Milton's lyric poetry, Samson Agonistes, Paradise Lost, and prose.

ENG 440 Seminar in Selected Major Authors 3 Credits
Seminar focusing on literature by one or two authors.

ENG 441 Seminar in American Literature 3 Credits
A seminar focusing on literature by one writer or by a small group of writers.

ENG 443 Seminar in Literary Modernism 3 Credits
A seminar on literature from 1900 to 1940, by British, Irish, and American writers such as Hardy, Yeats, Woolf, Joyce, Eliot, Williams, Hurston, and Faulkner.

ENG 445 Seminar in Black/Multi-Ethnic Literature 3 Credits
A seminar focusing on literature by black, Native American, Hispanic, Asian American and first-generation immigrant writers.

ENG 455 Seminar in Chaucer 3 Credits
An examination of Geoffrey Chaucer's writings from a number of critical perspectives, including close reading of the texts in Middle English, context and history, gender and sexuality, linguistics, and paleography and codicology.

ENG 465 James Joyce 3 Credits
This course will offer advanced English majors an in-depth exploration of the fiction of James Joyce with a particular focus on Joyce's novel Ulysses, considered one of the most (if not the most) important novels written in the twentieth century. Through a carefully scaffolded reading of Joyce's challenging work, students will explore the technical, aesthetic, and social innovations of modernist fiction and its contemporary and continuing cultural impact; recognize and articulate classical, biographical, and cultural influences on Joyce's work; and understand how editors, publishers, critics, and readers contribute to the production of seminal works of literature.

ENG 484 Seminar in Cinema Studies 3 Credits
Provides an in-depth study of areas central to discussion and debate in the field of cinema studies (such as film violence, cinema censorship, feminism and film, post-colonial cinema, African- American cinema, blaxploitation, The French New Wave, and Italian Neorealism, among others). Through close analysis of selected films and readings, students will examine the impact of specialized influential movements in film history and in film theory and criticism. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as FMS 484. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that topics in the field of cinema studies will rotate.

ENG 485 Cinema Studies for Teachers 3 Credits
Designed for teachers and education students who (will) use film in their classrooms, ENG 485 provides approaches to teaching basic film analysis; approaches to helping students recognize the permeable boundaries between film, culture, and ideology; and approaches to understanding selected issues crucial in cinema studies as a field of scholarly study. The course provides teachers and prospective teachers with various methodological approaches and flexible uses of fiction and documentary films across the curriculum, whether to supplement or reinforce existing curricula or in stand-alone courses devoted to the study of film.

ENG 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. To count toward the Certificate in Workplace Writing, an ENG 490 project must focus on workplace-related writing and be structured to include substantial formative feedback and revision. No more than one ENG 490 may be counted toward the certificate.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 491 Internship in Writing and Publishing 1-6 Credits
Students work under the supervision of English faculty and on-site supervisors to complete real- world assignments in writing, publishing, and cinema studies. Their performance is assessed by professional standards. A minimum of 48 hours of field work per credit is required. Students report to faculty and on-site supervisors regularly, submit all work required by on-site supervisors, maintain a log, and complete a final report. Three credits required to count toward English writing concentration. Restricted to juniors and seniors.

ENG 497 Advanced Study 3 Credits
Qualified majors may apply for honors in their senior year. Upon approval from the department of English, a candidate for honors enrolls in Advanced Study, writes a thesis, and submits it for departmental approval. The student must achieve a course grade of "B+" or better to be graduated with honors in English.
Prerequisite(s): senior standing; 3.5 GPA in English; 3.25 cumulative GPA.

Entrepreneurial Studies

Program Overview

Rider entrepreneurial studies (ES) students develop the skills and knowledge needed to become independent, innovative and informed entrepreneurs. Entrepreneurs look at the world differently, and see opportunity where others do not. The programs emphasize practical experience and holistic thinking, encourage students to develop their own business concepts, and enhance analytical skills through experiential classes.

Entrepreneurs and small businesses are the engines for job creation and economic growth. Career opportunities for entrepreneurial students are as boundless as their creativity, imagination and work ethic. Many employers value students with an entrepreneurial attitude and their ability to think outside the box.

The ES program has two key learning objectives. First, encourage entrepreneurial thinking among students. This entails the ability to recognize, evaluate and pursue opportunities. Second, build professional skills relevant for starting and/or managing a venture. These include research, business planning, and understanding functional aspects of small business management and operations.

Student Learning Outcomes:

An Entrepreneurial Studies graduate will demonstrate the ability to:

- Evaluate entrepreneurial opportunities in the marketplace;
- Assess the business viability of an idea using secondary research;
- Use primary research to create a minimum viable product ;
- Articulate how to manage and grow an entrepreneurial venture;
- Create a business plan.

Curriculum Overview

Rider entrepreneurial studies students gain an education in business, plus the skills, attitude and experience needed to create new ventures or revitalize established/family businesses. They learn to identify and understand different types of start-up ventures, how to build and present business concepts, and how to evaluate sources of financing for start-up and other types of ventures.

The program's interdisciplinary format offers the option of double majoring with another business discipline, such as management, marketing, finance, sports management, information systems, and others.

Students also can choose the entrepreneurial studies minor, a four-course program that is paired with a major in the Norm Brodsky College of Business.

Degree Offered

- B.S.B.A. in Entrepreneurial Studies

Contacts

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Professor Sweigart
Hall 236
609-896-5-5522
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Program Website: Entrepreneurial Studies (http://www.rider.edu/entrstudies/)

Center for Entrepreneurial Studies Website: Entrepreneurship (http://www.rider.edu/entrepreneurship/)
Associated Department: Department of Management (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/management-leadership/)

Related Programs

- Entrepreneurship Minor (p. 244)

Entrepreneurial Studies Major Requirements

(18 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
Major Requirements		
ENT 100	Innovation and Entrepreneurship	3
ENT 348	Small Business Management	3
Select three of the following, at least one of which must be an ENT-prefixed course:		**9**
BUS 210	Intro to Law: Contracts	
CIS 325	User Experience Design	
or CIS 340	Electronic Commerce	
ENT 210	Sports Entrepreneurship	
ENT 220	Inside The Entrepreneurial Mind	
ENT 260	Family Business Management	
ENT 335	Small Business Tax Planning [1]	
ENT 350/FIN 350	Entrepreneurial Finance	
ENT 375	International Entrepreneurship	
ENT 420	Student Venture Experience	
ENT 444	Special Topics	
ENT 448	Small Business Consulting Sem	
ENT 490	Independent Research and Study	
MGT 310	Intro to Human Resource Mgmt	
or MGT 363	Management Skills	
MKT 250	Retailing Management	
or MKT 320	Consumer Behavior	
One integrative experiential course:		
ENT 410	New Venture Planning	3
Total Credits		**18**

1

Accounting majors double majoring in Entrepreneurial Studies may substitute ACC 410 Fundamentals of Federal Taxation for the ENT 335 requirement.

Notes:

For graduation, students must achieve an overall 2.0 GPA in the major, with no course grade less than "C-".

Students are also encouraged to take ENT 491 Internship and ENT 399 Co-Op as free electives.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [3]	3
Social Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
ENT 100	Innovation and Entrepreneurship [1]	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
Humanities Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3

FIN 220	Introduction to Finance	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
ENT 348	Small Business Management [6]	3
ENT Major Elective [5]		3
Leadership Elective		3
Natural Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MSD 301	Operations Management	3
ENT Major Elective [5]		3
International Free Elective [5]		3
Free Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BUS 400	Strategic Management and Policy [7]	3
ENT 410	New Venture Planning [7]	3
International Business Elective [5]		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ENT Major Elective		3
Liberal Arts Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185, CBA 110, ENT 100 can be taken in the Fall or Spring of year 1.

3

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

5

Students are required to take 6 credits of International Business Electives, one which can be fulfilled as a major course (ENT 375 International Entrepreneurship) and the other as an elective courses.

6

ENT 348 Small Business Management can taken in the Fall or Spring of Year 3.

7

BUS 400 Strategic Management and ENT 410 New Venture Planning can be taken in the Fall or Spring of Year 4.

Notes:

- Business Honors students will have a different sequence.
- For the Leadership Elective, choose from LDP 200, LDP 220, LDP 398, MGT 355, or MGT 363.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., Internship, Co-op, Study Tour, study abroad, ENT 448, ECO 450.)

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective [2]		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
ENT 100	Innovation and Entrepreneurship [1]	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective [2]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
ENT 348	Small Business Management [5]	3

ENT Major Elective [3]		3
Leadership Elective		3
International Business Elective [4]		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
International Business Elective [4]		3
ENT Major Elective [3]		3
Free Elective		3
Liberal Arts Elective [2]		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy [6]	3
ENT 410	New Venture Planning [6]	3
ENT Major Elective [3]		3
Free Elective		3
Liberal Arts Elective [2]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Footnotes

1

CIS 185 Information Systems Essentials, ENT 100 Innovation and Entrepreneurship, and CBA 110 Introduction to Business can be taken in the Fall or Spring of Year 1.

2

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

3

From the list of Entrepreneurial Studies Electives.

4

Students are required to take 6 credits of International Business Electives, one which can be fulfilled as a major course (ENT 375 International Entrepreneurship) and the other as an elective courses.

5

ENT 348 Small Business Management can taken in the Spring of Year 2 or Fall of Year 3.

6

BUS 400 Strategic Management and ENT 410 New Venture Planning can be taken in the Fall or Spring of Year 3.

Notes:

- This accelerated plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- For the Leadership Elective, choose from LDP 200, LDP 220, LDP 398, MGT 355, or MGT 363.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., Internship, Co-op, Study Tour, study abroad, ENT 448, ECO 450.)

Courses and Descriptions

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

ENT 210 Sports Entrepreneurship 3 Credits
Sports Entrepreneurship will introduce students to entrepreneurship in the sports industries as they explore opportunities and challenges for new ventures in this sector. Using an industry's business model, students will identify competitive advantages and understand what is required for startup success.

ENT 220 Inside The Entrepreneurial Mind 3 Credits
Inside the Entrepreneurial Mind is not just for Entrepreneurship majors! Whether you're starting your own business or want to succeed in running a division for another firm, you will need to adopt an entrepreneurial mindset. This mindset takes a holistic approach to running a business, realizes that failure is part of the journey and that resilience in overcoming obstacles are necessary skills for success. In this course, students will hear from entrepreneurs and industry leaders as they share their personal experiences, the challenges they've overcome and the paths they've taken to arrive at success in their businesses and careers. Through these entrepreneurial stories, students will be introduced to the skills and strategies that will help them overcome challenges in both their careers and personal lives. Available to undergraduate Sophomores, Juniors, and Seniors.

ENT 260 Family Business Management 3 Credits
This course is directed at understanding the family-owned and managed firm. Topics included are the strengths and weaknesses of a family firm, the dynamics of the family and business interactions, conflict resolution, succession planning and ownership transfer. The course will help individuals involved with a family firm, regardless if they are a family member.
Prerequisite(s): MGT 201 and junior standing.

ENT 335 Small Business Tax Planning 3 Credits
This course provides an understanding of the key tax issues faced by small businesses and their business implications. It also familiarizes prospective business owners with various tax filing requirements so that they can use the expertise of tax professionals more effectively.
Prerequisite(s): ACC 210.

ENT 348 Small Business Management 3 Credits
This course provides students with an introduction to ownership/management in the world of small business as well as an understanding of what is needed to start/buy/sell a small business. In addition, the course endeavors to help students move from a consumer orientation to a producer orientation, and to learn project management and research skills through participation in a hands-on project. The project has students investigate the market potential of an innovative business concept, and then use this research to evaluate the business concept as an entrepreneurial opportunity.

ENT 350 Entrepreneurial Finance 3 Credits
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.
Prerequisite(s): FIN 300.

ENT 375 International Entrepreneurship 3 Credits
Students will learn how new or small ventures enter international markets. Requirements include developing a case about starting or running a venture in a single country of the student's choice.
Prerequisite(s): MGT 201 and junior standing.

ENT 399 Entrepreneurship Co-Op 6 Credits
This course provides students with a semester-long supervised employment with an entrepreneurial firm/organization. Students are required to maintain a journal, complete a reflection paper and are evaluated by the participating firm/organization. Eligible students are entrepreneurial studies juniors or seniors with a 3.0 GPA or better. Co-op credits count as free electives. Grading is on a pass/fail basis.
Prerequisite(s): ENT 348 or permission of program director.

ENT 410 New Venture Planning 3 Credits
This course will require students to select a business and prepare a complete new venture plan for it. This plan would identify the product and its target market, analyze its market potential, choose the location, scale of operation, layout, staffing, type of financing, estimate the revenues and profits, and present the income statement, balance sheet, and the cash flow projections.
Prerequisite(s): ENT 348 or permission of instructor.

ENT 420 Student Venture Experience 3 Credits
Students will start and run a small business while under the supervision and guidance of faculty. Students will take a business plan developed through New Venture Planning (ENT 410) and execute it. Students will experience the launch process and learn, hands on, how to adapt to the marketplace. Some businesses started in this class may also be eligible for seed venture funding from Rider.
Prerequisite(s): ENT 348, ENT 410, and permission of instructor.

ENT 444 Special Topics 3 Credits

ENT 448 Small Business Consulting Sem 3 Credits
This course utilizes student teams to assist existing small businesses in solving problems or researching opportunities. Students will spend the majority of time in the field utilizing an experiential learning approach. Weekly activity logs, proposal development, and project completion are required. Restricted to seniors.
Prerequisite(s): ENT 348 and permission of instructor.

ENT 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and program chairperson. Available to juniors and seniors.

ENT 491 Internship 3 Credits

Entrepreneurship Minor

Program Overview

Rider students wishing to take a minor in entrepreneurship will develop the skills and know-how they need to become independent, innovative and informed entrepreneurs. The minor emphasizes practical experience and holistic thinking, encourages students to develop their own business concepts, and enhances analytical skills through experiential classes.

For students in the arts, sciences, business, or education who may want to start or have a significant role in a business, based on their skills and talents, the minor in entrepreneurship can help you reach your dream.

Entrepreneurs and small businesses are the engines for job creation and economic growth. Career opportunities for entrepreneurship students are as boundless as their creativity, imagination and work ethic. Many employers value students with an entrepreneurial attitude and their ability to think outside the box.

The entrepreneurship minor has two key learning objectives. First, to encourage entrepreneurial thinking among students. This entails the ability to recognize, evaluate and pursue opportunities. Second, to build professional skills relevant for starting and managing a venture. These include research, business planning, and understanding functional aspects of small business management and operation.

Rider entrepreneurship students gain an education in business, plus the skills, attitude and experience needed to create new ventures or revitalize established/family businesses. They learn to identify and understand different types of start-up ventures, how to build and present business concepts, and how to evaluate sources of financing for start-up and other types of ventures.

Minor Offered

- Minor in Entrepreneurship

Contacts

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Program Website: Entrepreneurial Studies (http://www.rider.edu/entrstudies/)
Center for Entrepreneurial Studies Website: Entrepreneurship (http://www.rider.edu/entrepreneurship/)

Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/management-leadership/)

Related Programs

- Entrepreneurial studies major (p. 240)

Entrepreneurship Minor Requirements

Available to both business and non-business majors

(18 credits)

Code	Title	Credits
Business Core Requirements		**102**
See Business Core Requirements (p. 573)		
ACC 210	Introduction to Accounting [1]	3
ENT 100	Innovation and Entrepreneurship	3
ENT 348	Small Business Management	3
MGT 201	Fund Management & Org Behavior [1]	3
Select two of the following:		**6**
ENT 210	Sports Entrepreneurship	
ENT 220	Inside The Entrepreneurial Mind	
ENT 260	Family Business Management	
ENT 335	Small Business Tax Planning [2]	
ENT 375	International Entrepreneurship	
ENT 410	New Venture Planning	
ENT 420	Student Venture Experience	
ENT 444	Special Topics	
ENT 448	Small Business Consulting Sem	
ENT 490	Independent Research and Study	
Total Credits		**120**

1 For business students, this course is already part of the CBA core curriculum.

2 Accounting majors may substitute ACC 410 for this course.

Courses and Descriptions

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

ENT 210 Sports Entrepreneurship 3 Credits
Sports Entrepreneurship will introduce students to entrepreneurship in the sports industries as they explore opportunities and challenges for new ventures in this sector. Using an industry's business model, students will identify competitive advantages and understand what is required for startup success.

ENT 220 Inside The Entrepreneurial Mind 3 Credits
Inside the Entrepreneurial Mind is not just for Entrepreneurship majors! Whether you're starting your own business or want to succeed in running a division for another firm, you will need to adopt an entrepreneurial mindset. This mindset takes a holistic approach to running a business, realizes that failure is part of the journey and that resilience in overcoming obstacles are necessary skills for success. In this course, students will hear from entrepreneurs and industry leaders as they share their personal experiences, the challenges they've overcome and the paths they've taken to arrive at success in their businesses and careers. Through these entrepreneurial stories, students will be introduced to the skills and strategies that will help them overcome challenges in both their careers and personal lives. Available to undergraduate Sophomores, Juniors, and Seniors.

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Prerequisite(s): MGT 201 and junior standing.

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Prerequisite(s): ENT 348, ENT 410, and permission of instructor.

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This course utilizes student teams to assist existing small businesses in solving problems or researching opportunities. Students will spend the majority of time in the field utilizing an experiential learning approach. Weekly activity logs, proposal development, and project completion are required. Restricted to seniors.
Prerequisite(s): ENT 348 and permission of instructor.

ENT 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and program chairperson. Available to juniors and seniors.

ENT 491 Internship 3 Credits

Environmental Sciences

Program Overview

All Environmental Sciences students will participate in extensive fieldwork, exploring a rich diversity of ecological environments and acquiring the knowledge and skills required for a wide range of potential careers. Depending on an individual student's area of interest, Environmental Sciences majors can study such sub-disciplines as climate change, hydrology, ecology, coastal processes, soils, molecular biology, environmental biogeochemistry, organic and inorganic chemistry, environmental policy, or sustainability studies; the latter is available as a separate GEMS minor.

Curriculum Overview

The Environmental Sciences program provides students with an interdisciplinary perspective by not only drawing on programs and faculty from the Department of Earth and Chemical Sciences, but also including additional science courses from biology and physics as well as courses that address the social, political, and ethical aspects of environmental issues.

Student Learning Outcomes

Graduates of the Environmental Sciences major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in environmental sciences.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Environmental Sciences

Graduation with honors in Environmental Sciences is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the program is by invitation of the department faculty. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degrees Offered

- B.S. in Environmental Sciences

Contact

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Program Website: Environmental Sciences (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/environmental-sciences/)

Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth and Environmental Sciences Minor (p. 195)
- Earth Sciences (p. 198)(for Secondary Education majors)
- Environmental Studies (p. 253)
- Geology (p. 290)
- Marine Sciences (p. 380)

Environmental Sciences Major Requirements

(67-69 credits)

Code	Title	Credits
Geological, Environmental, and Marine Sciences		
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 205	Introduction to Geographic Information Systems	3
ENV 220	Weather and Climate Change	3
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	4
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	4
Select one of the following:		4
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	
OR		
GEO 113 & GEO 102	Environmental Geology and Earth Materials and Processes Lab	
Biology		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 350 & 350L	General Ecology and General Ecology Lab	4
Chemistry		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	4
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
Mathematics		
Select one; also satifies CLAS core requirement		4
MTH 105	Algebra and Trigonometry	
MTH 210	Calculus I	
Physics		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	4
Environmental Science Electives		
Select two courses from the following:		6-8
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
ENV 340	Environmental Field Methods and Data Analysis	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
MAR 300	Introduction to Field Marine Science	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
MAR 410	Physical Oceanography	
Policy and Humanities Elective		**3**
Select one course from the following:		
AMS 304	Technology and Science in America	
BHP 259	Honors Seminar. The Environment: a Conflict of Interest	
HIS 224	American Environmental History	
ENG 218	Literature and the Environment	
IND 316	Nature's Business	
PHL 215	Environmental Ethics	
POL 328	Environmental Politics	
POL 329	Comparative Environmental Policy	
POL 330	Geopolitics of Energy	
SOC 225	Population Study	
Total Credits		**67-69**

Notes:

1. Upper-level MAR courses require MAR 120 and MAR 121 as prerequisites.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115	Principles of Biology I	4
BIO 115L	Principles of Biology I Lab	0
ENV 100	Introduction to Environmental Sciences	4
ENV 100L	Introduction to Environmental Sciences Lab	0
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Social Perspectives		3
Foreign Language [1]		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3

CHE 121	Principles of Chemistry Lab	1
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
ENV 200L	Statistical and Computer Applications in the Natural Sciences Lab	0
BIO 272	Intro to Marine Biology	4
BIO 272L	Marine Biology Laboratory	0
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Social Perspectives		3
Philosophical Perspectives		3
Aesthetic Perspectives: Literature		3
Elective Course [2]		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
ENV 205	Introduction to Geographic Information Systems	3
BIO 350	General Ecology	4
BIO 350L	General Ecology Lab	0
HIS 150	World History to 1500	3
	Semester Credit Hours	**14**
Spring Semester		
Select one of the following:		**4**
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
BCH 225	Introduction to Organic and Biochemistry	4
BCH 225L	Introduction to Organic & Biochemistry Lab	0
HIS 151	World History Since 1500	3
Environmental Science or Policy & Humanities Elective		3-4
	Semester Credit Hours	**14-15**
Year 4		
Fall Semester		
Environmental Science or Policy & Humanities Elective		3-4
Four Elective Courses [2]		12
	Semester Credit Hours	**15-16**
Spring Semester		
Select one of the following:		**4**
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
Environmental Science or Policy & Humanities Elective		3-4
Three Elective Courses [2]		9
	Semester Credit Hours	**16-17**
	Total Credit Hours for Graduation	**121-124**

Note: Natural and Physical Science core requirement included in major.

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 340 Environmental Field Methods and Data Analysis 3 Credits
This course will provide students with practical experience in field methods and data analyses within the environmental sciences. The course will include advanced activities incorporating field-based exercises, GIS analyses, statistical analyses, and database management. Students will also complete an independent project focused on a relevant topic. Local field trips during lab and on weekends may be required.
Prerequisite(s): MTH 105, GEO 100, GEO 102, and ENV 100; or Permission of Instructor.

ENV 350 Principles of Environmental Toxicology 3 Credits
A comprehensive description of the important principles of toxicology, including the absorption, distribution, metabolism, and excretion of toxic substances. Target organs systems will be discussed as well as mechanisms of carcinogenesis and teratogenesis. Specific groups of toxins to be discussed include: pesticides, metals, radiation, solvents and vapors, and plant and animal toxins. Three hours of lecture per week.
Prerequisite(s): BCH 225 or CHE 211, BIO 115.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that "society exists by geologic consent subject to change without notice" by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 304 Elements of Mineralogy 4 Credits
This course examines the physical properties, chemistry, atomic structure, crystallography, uses, and environmental impacts of important minerals found in the Earth's lithosphere and biosphere. In addition, lab assignments and exercises emphasize crystal symmetry and chemistry; polarizing microscope, ICP, SEM, and x-ray analytical techniques; the graphical display and interpretation of compositional data; optical properties of isotropic and uniaxial minerals; and the identification of mineral hand specimens. Three hours of lecture and one three-hour lab per week. At least one weekend field trip required. Prerequisite(s): GEO 100 or GEO 113, and GEO 102, and CHE 120, CHE 121 taken prior or concurrently; or permission of instructor.
Corequisite(s): GEO 304L.

GEO 304L Mineralogy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 304.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

MAR 300 Introduction to Field Marine Science 4 Credits
In this two-week field course, students will explore various topics in marine science through practical, hands-on, inquiry-based exercises and activities. The course will focus on the biological, geological, chemical, and physical processes that influence diverse marine flora and fauna found in selected marine environments, emphasizing shallow subtidal and intertidal environments such as coral reefs, sandy beaches, turtle grass beds, rocky intertidal pools, coastal wetlands, mangrove swamps, etc. Topics will be examined using field team exercises, a group mapping project, and individual research projects. Activities will help students develop their skills in research, use of field and laboratory equipment, computer analysis of data, and scientific writing, along with gaining content knowledge about the components and processes of environments studied. The course is taught at an appropriate marine field station at a U.S. or international location. Field portion of course is completed during the summer. Additional travel costs vary, depending on location.
Prerequisite(s): BIO 115 or 116 or any 200 or higher level lab science class; and MAR 120; and permission of instructor.

MAR 360 Plankton Ecology 4 Credits
Examines the diversity, physiology, and ecology of marine phytoplankton and zooplankton. Students will survey the dominant plankton groups, their distribution, nutritional requirements, growth kinetics, and behavior. Planktonic predator/prey interactions and food web dynamics will be discussed. Students will also examine the interdisciplinary nature and role of plankton in biogeochemical cycles. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): MAR 120 and MAR 121; or BIO 116.
Corequisite(s): MAR 360L.

MAR 360L Plankton Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 360.

MAR 410 Physical Oceanography 3 Credits
Introduction to the physical aspects and processes of the oceans and their influence on marine ecosystems and Earth processes. Topics include distribution of salinity and water temperature and their effect on water movement, the oceanic heat budget, atmospheric and oceanic interactions, ocean currents including surface and deep water circulation, waves, tides, and medium- to small-scale circulation features. Throughout the course, emphasis is placed on how these physical processes affect the biology and chemistry of the ocean. Three hours of lecture per week. Weekend field trips may be required.
Prerequisite(s): MAR 120.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 272 Intro to Marine Biology 4 Credits
Introduces students to the study of marine environments, emphasizing the diversity, ecology, and physiology of marine animals, algae, and plants. Aspects of the human impact on marine environments are also discussed. Prerequisite(s): BIO 115 or BIO 116 or BNS 118 and grade of "C" or better.
Corequisite(s): BIO 272L.

BIO 272L Marine Biology Laboratory 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 272.

BIO 335 Plant Biology 4 Credits
Biology of seed plants, including growth, development, and reproduction of flowering plants. Emphasis is placed on acclimation and adaptations demonstrating environmental influences on plant structure and function. Current literature involving molecular mechanisms of control will be discussed. Three hours of lecture and one three-hour lab per week. One Saturday field trip. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C.
Corequisite(s): BIO 335L.

BIO 335L Modern Plant Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 335.

BIO 350 General Ecology 4 Credits
An investigation of the processes that regulate the distribution of plants and animals throughout the biosphere. Relationships among species and their interactions with the environment are stressed. Quantitative analyses of experimental results and current research in basic and applied ecology are discussed. Laboratory activities explore conceptual models using both field activities and computer simulations. Three hours of lecture and one three-hour lab per week. One Saturday field trip (laboratory time will be adjusted accordingly). Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350L.

BIO 350L General Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

BCH 225 Introduction to Organic and Biochemistry 4 Credits
An introductory course describing the basic principles of organic chemistry and biochemistry as they relate to human metabolism and disease. The nature of the chemical structure and reactivity of organic functional groups such as alcohols, aldehydes, ketones, carboxylic acids and amines will be presented with biological processes in mind. The biochemistry of the macromolecules DNA, RNA, proteins, carbohydrates and lipids will be discussed leading to a discussion of some of the more important metabolic pathways. This course is intended for science majors who do not take the full two semester sequence of organic chemistry and two semesters of biochemistry and desire a background in biochemistry. Non-science major students who have had one semester of general chemistry and one semester of biology may also enroll in the course. Three hours of lecture and one three-hour lab per week. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115 with a minimum grade of D
Corequisite(s): BCH 225L.

BCH 225L Introduction to Organic & Biochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115.
Corequisite(s): BCH 225.

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212.
Corequisite(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week.
Corequisite(s): PHY 100.

AMS 304 Technology and Science in America 3 Credits
An overview of the development and impact of technology and science on American institutions. Topics include innovation, economic growth, science and its relation to technology, social theory, and the politics of science.

BHP 259 Honors Seminar: The Environment: a Conflict of Interest 3 Credits
Examines critical environmental issues such as global warming; food, water and energy resources; population trends; and global industrialization. Topics for context will include the origin of the elements, the origin of solar systems, and the origin of life as well as the basic principles of the current biotechnical revolution. Scientific understanding will be combined with knowledge about strategies for raising community awareness in order to (re)formulate public policy. In teams, students will be asked to define the problems; research available and prospective solutions; identify the technical, social, political, and economic constraints; and finally propose a workable strategy for making progress toward solutions.

ENG 218 Literature and the Environment 3 Credits
Students examine literature on important environmental issues, such as climate change, pollution, dams, oil pipelines, and nuclear energy. The class focuses on how literature, which may include fiction, poetry, drama, and essays, helps readers understand and grapple with these complex global challenges.

HIS 224 American Environmental History 3 Credits
Surveys the history of the North American environment from pre-Columbian times through the 20th century. Topics include Native American uses of the environment; the reshaping of ecosystems under European colonization; U.S. frontier expansion; the ecological impact of industrialization and urbanization; and the rise of the environmental movement.

IND 316 Nature's Business 3 Credits
This interdisciplinary, team-taught, experiential learning course brings together various science, liberal arts, and business perspectives in examining the relationships among biological, social, environmental, economic, geological, and political issues. Topics to be discussed and researched by students can include, but are not limited to, ecotourism, sustainable development, biodiversity, local and regional environmental and historical geology, cultural norms, and the legal and political systems of the country being visited. The study tour component of the course provides students with a first-hand opportunity to observe and record field data from settings outside of the United States and in their discipline of interest. Typically, there are approximately 12 hours of pre-trip lectures, seminars, and/or faculty/student presentations during the fall semester, an international study tour, 9-14 days in length, during January (exact dates and length depend on the international location), and approximately three hours of post-trip meetings, seminars, and student presentations during the spring semester. Students enroll in the course during the spring semester. Note: This course is cross-listed as CBA 316; Students may not get credit for both CBA 316 and IND 316. For Business students who take the course as CBA 316, the course will count as a business course. If taken as IND 316, the Business student will receive credit as a liberal arts and science course.
Prerequisite(s): Permission of Instructor.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 329 Comparative Environmental Policy 3 Credits
Comparative Environmental Policy analyzes cross-national approaches in developing, implementing, and evaluating policy responses to environmental problems. The course analyzes the political factors, actors, and tools that help and explain why some societies have been more likely to develop effective responses to environmental threats.

SOC 225 Population Study 3 Credits
Demography; its definition, historical emergence, and growth; population as a social problem in developing and developed nations; population theories, sources and methods of demographic data, population composition, and distribution; demographic processes including fertility, mortality, and migration.

Environmental Studies

Program Overview

The Bachelor of Arts Degree in Environmental Studies is designed to meet the interests of students wishing to address environmental issues through multiple disciplinary perspectives, including relevant sciences as well as social and political aspects. The program is meant for students who are interested in careers in environmental policy, advocacy, justice, nonprofit organizations, ecotourism, and other related career opportunities; or graduate school in non-science focused environmental disciplines, for example environmental law.

Note: This B.A. program is not designed to prepare students for graduate-level science programs, nor is it designed to enable students to gain employment as professional scientists. Consider the B.S. in Environmental Sciences if you plan to pursue either of these career paths.

Curriculum Overview

The curriculum for this major focuses on the interdisciplinary nature of the environment by offering classes that give students a strong basis of science preparatory material while also offering a unique, hands-on approach to learning. Students take introductory courses in foundational classes in environmental and geology, chemistry, physics, and biology, followed by more in-depth course work focused on the environmental sciences as well as social and political disciplines.

Student Learning Outcomes

Graduates of the Environmental Studies major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in environmental studies.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Environmental Studies

Graduation with honors in Environmental Studies is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the program is by invitation of the department faculty. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degrees Offered

- B.A. in Environmental Studies

Contact

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Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth and Environmental Sciences (p. 195)
- Environmental Sciences (p. 246)
- Geology (p. 290)
- Marine Sciences (p. 380)
- Education (p. 666)

Environmental Studies Major Requirements

(60-61 credits)

Code	Title	Credits
Geological and Marine Sciences (18 credits)		
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 205	Introduction to Geographic Information Systems	3
ENV 220	Weather and Climate Change	3
GEO 100	Earth Systems Science	3
or GEO 113	Environmental Geology	
GEO 102	Earth Materials and Processes Lab	1
GEMS Upper Level Elective (select one)		**3-4**
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
ENV 340	Environmental Field Methods and Data Analysis	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	

GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
Biology		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 350 & 350L	General Ecology and General Ecology Lab	4
Chemistry		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
Mathematics		**4**
Select one; Also satisfies CLAS core requirement		
MTH 105	Algebra and Trigonometry	
MTH 210	Calculus I	
Physics		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Policy and Humanities (select three)		**9**
HIS 224	American Environmental History	
PHL 215	Environmental Ethics	
POL 328	Environmental Politics	
POL 329	Comparative Environmental Policy	
Policy and Humanities Electives (select two not chosen above)		**6**
AMS 304	Technology and Science in America	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest	
ENG 218	Literature and the Environment	
HIS 224	American Environmental History	
IND 316	Nature's Business	
PHL 215	Environmental Ethics	
POL 215	Global Politics	
POL 328	Environmental Politics	
POL 329	Comparative Environmental Policy	
POL 330	Geopolitics of Energy	
SOC 225	Population Study	
Total Credits		**60-61**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115	Principles of Biology I	4
BIO 115L	Principles of Biology I Lab	0
ENV 100	Introduction to Environmental Sciences	4
ENV 100L	Introduction to Environmental Sciences Lab	0
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 102	Earth Materials and Processes Lab	1
BIO 116	Principles of Biology II	4
BIO 116L	Principles of Biology II Lab	0
Foreign Language [1]		3
Select one of the following:		**3**
GEO 100	Earth Systems Science	
GEO 113	Environmental Geology	
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
ENV 200L	Statistical and Computer Applications in the Natural Sciences Lab	0
HIS 150	World History to 1500	3
Foreign Language		3
	Semester Credit Hours	**14**
Spring Semester		
ENV 220	Weather and Climate Change	3
GEMS Upper Level Elective		3-4
HIS 151	World History Since 1500	3
Social Perspectives		3
Philosophical Perspectives		3
	Semester Credit Hours	**15-16**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
ENV 205	Introduction to Geographic Information Systems	3
Aesthetic Perspectives: Fine Arts		3
Social Perspectives		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**16**
Spring Semester		
Select one of the following:		**4**
GEO 350	Soil and Surficial Processes	
GEO 350L	Soil and Surficial Processes Lab	
GEO 407	Hydrology and Water Resources	
GEO 407L	Hydrology and Water Resources Lab	
Policy and Humanities Course		3
Three Elective Courses [2]		9
	Semester Credit Hours	**16**

Year 4		
Fall Semester		
Policy and Humanities Course		3
Policy and Humanities Elective Course		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
Spring Semester		
Policy and Humanities Courses		6
Two Elective Courses [2]		6
Select one of the following:		**4**
GEO 350	Soil and Surficial Processes	
GEO 350L	Soil and Surficial Processes Lab	
GEO 407	Hydrology and Water Resources	
GEO 407L	Hydrology and Water Resources Lab	
	Semester Credit Hours	**16**
	Total Credit Hours for Graduation	**121-122**

Note: Natural and Physical Science core requirements are included in the major.

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 290 Directed Research and Study in Environmental Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the environmental sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in weekly meetings with the instructor, and communicating the findings by writing a final project report.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 340 Environmental Field Methods and Data Analysis 3 Credits
This course will provide students with practical experience in field methods and data analyses within the environmental sciences. The course will include advanced activities incorporating field-based exercises, GIS analyses, statistical analyses, and database management. Students will also complete an independent project focused on a relevant topic. Local field trips during lab and on weekends may be required.
Prerequisite(s): MTH 105, GEO 100, GEO 102, and ENV 100; or Permission of Instructor.

ENV 480 Senior Thesis 3 Credits
A senior thesis is optional for environmental science majors. However, a senior thesis is required for eligibility to graduate with honors in environmental science. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the geosciences major and permission of instructor.

ENV 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

ENV 491 Internship in Environmental Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that “society exists by geologic consent subject to change without notice” by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 350 General Ecology 4 Credits
An investigation of the processes that regulate the distribution of plants and animals throughout the biosphere. Relationships among species and their interactions with the environment are stressed. Quantitative analyses of experimental results and current research in basic and applied ecology are discussed. Laboratory activities explore conceptual models using both field activities and computer simulations. Three hours of lecture and one three-hour lab per week. One Saturday field trip (laboratory time will be adjusted accordingly). Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350L.

BIO 350L General Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212.
Corequisite(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week.
Corequisite(s): PHY 100.

AMS 304 Technology and Science in America 3 Credits
An overview of the development and impact of technology and science on American institutions. Topics include innovation, economic growth, science and its relation to technology, social theory, and the politics of science.

BHP 259 Honors Seminar: The Environment: a Conflict of Interest 3 Credits
Examines critical environmental issues such as global warming; food, water and energy resources; population trends; and global industrialization. Topics for context will include the origin of the elements, the origin of solar systems, and the origin of life as well as the basic principles of the current biotechnical revolution. Scientific understanding will be combined with knowledge about strategies for raising community awareness in order to (re)formulate public policy. In teams, students will be asked to define the problems; research available and prospective solutions; identify the technical, social, political, and economic constraints; and finally propose a workable strategy for making progress toward solutions.

HIS 224 American Environmental History 3 Credits
Surveys the history of the North American environment from pre-Columbian times through the 20th century. Topics include Native American uses of the environment; the reshaping of ecosystems under European colonization; U.S. frontier expansion; the ecological impact of industrialization and urbanization; and the rise of the environmental movement.

IND 316 Nature's Business 3 Credits
This interdisciplinary, team-taught, experiential learning course brings together various science, liberal arts, and business perspectives in examining the relationships among biological, social, environmental, economic, geological, and political issues. Topics to be discussed and researched by students can include, but are not limited to, ecotourism, sustainable development, biodiversity, local and regional environmental and historical geology, cultural norms, and the legal and political systems of the country being visited. The study tour component of the course provides students with a first-hand opportunity to observe and record field data from settings outside of the United States and in their discipline of interest. Typically, there are approximately 12 hours of pre-trip lectures, seminars, and/or faculty/student presentations during the fall semester, an international study tour, 9-14 days in length, during January (exact dates and length depend on the international location), and approximately three hours of post-trip meetings, seminars, and student presentations during the spring semester. Students enroll in the course during the spring semester. Note: This course is cross-listed as CBA 316; Students may not get credit for both CBA 316 and IND 316. For Business students who take the course as CBA 316, the course will count as a business course. If taken as IND 316, the Business student will receive credit as a liberal arts and science course.
Prerequisite(s): Permission of Instructor.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 329 Comparative Environmental Policy 3 Credits
Comparative Environmental Policy analyzes cross-national approaches in developing, implementing, and evaluating policy responses to environmental problems. The course analyzes the political factors, actors, and tools that help and explain why some societies have been more likely to develop effective responses to environmental threats.

POL 330 Geopolitics of Energy 3 Credits
Geopolitics of Energy Security explores the role of energy in shaping global politics, natural resource management practices and volatility in economic markets. The course begins with an overview of energy security and explores issues associated with energy production, national security, energy consumption, and environmental conservation. Throughout the course students will become familiar with basic data, trends, issues and options in the exploration and production of renewable and non-renewable energy sources.

SOC 225 Population Study 3 Credits
Demography; its definition, historical emergence, and growth; population as a social problem in developing and developed nations; population theories, sources and methods of demographic data, population composition, and distribution; demographic processes including fertility, mortality, and migration.

Ethics

Program Overview

The ethics minor not only helps prepare students for a variety of graduate programs such as law, medicine, and business, but also helps students explore important questions such as how ethics should interpret war, business practice and poverty.

Minor Offered

- Minor in ethics

Contact

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Program Website: Ethics (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/ethics-minor/)

Associated Department: Department of History and Philosophy

Related programs

- Criminal Justice (p. 132)
- English (p. 227)
- Gender and Sexuality Studies (p. 284)
- History (p. 323)
- Journalism (p. 346)
- Multicultural Studies (p. 403)
- Political Science (p. 449)

Ethics Minor Requirements

(18 credits)

Code	Title	Credits
Required Courses:		
PHL 115	Ethics	3
PHL 360	Contemporary Ethics	3
One 400-level philosophy (PHL) seminar course		3
Elective Courses:		**9**
Three philosophy electives with at least one at the 300-level or above		
Total Credits		**18**

Courses and Descriptions

PHL 100 Plato and Aristotle 3 Credits
The beginnings of Western scientific and humanistic thought among the early Greeks and their progress into the two great systems of Plato and Aristotle. Selections from Plato and Aristotle are read and discussed to determine the meaning and significance of philosophical ideas that have subsequently influenced the whole history of Western civilization. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 102 Philosophical Thinking 3 Credits
An introduction to philosophical thought with an emphasis on the enduring questions and problems of philosophy. We will explore such questions as: how do I know I am not dreaming? Is there an external world? What is truth? Is there a self? Is there a God? What is the relationship between the mind and the body? How can I tell right from wrong? What makes government legitimate? What is justice? What is the meaning of life? We will consider answers to these questions from diverse philosophical traditions, reading such philosophers as Plato, Descartes, Zhuangzi, Hume, Vasubandhu, Berkeley, Aquinas, Avicenna, Udayana, Kant, Mill, Russell, Camus, and Nishitani. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 110 Logic and Language 3 Credits
A study of the logical structure of argumentation in ordinary language, with an emphasis on the relation of logic to the uses of language in practical affairs. Traditional informal fallacies are studied as well. Discussions explore the nature of validity, truth, meaning, and evidence in relation to the evaluation of arguments. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 115 Ethics 3 Credits
A combined historical and systematic analysis of the problems of ethics. Such problems as the nature and meaning of moral values and judgments, moral responsibility and freedom, conscience and happiness, the good life, and the relativity of value, are explored through the writings of such philosophers as Plato, Aristotle, Aquinas, Kant, Mill, and Nietzsche. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 120 American Philosophy 3 Credits
The development of philosophical thought in the United States from the colonial era to the 20th century. Studies such thinkers as Edwards, Jefferson, Emerson, Thoreau, Peirce, James, Dewey, and King, and their ideas on human nature, free will, religion, morality, and politics. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 125 Philosophies of Education 3 Credits
Studies classical and contemporary theories of the nature, structure, and aims of education, including major works of such philosophers as Plato, Rousseau, and Dewey. The course will also introduce students to methods of critical philosophical analysis. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 130 Political Philosophy 3 Credits
An introduction to the problems of political philosophy with an emphasis on recent and contemporary issues, such as the conflict between liberal and conservative ideologies, fascism, revolution, civil disobedience, and the concept of legitimate political authority. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 202 Social Philosophy 3 Credits
Emphasizes social ethics through critical studies of such contemporary problems as abortion, euthanasia, the death penalty, pornography and censorship, animal rights, drug use, sexual morality, environmental ethics, and world hunger. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 203 Business Ethics 3 Credits
Surveys and examines ethical problems concerning the institutions and practices of contemporary business. Problems considered include: the conflicts of economic freedom and social responsibility; the relation of profits to work and alienation; the responsibilities of business to employees, minorities, consumers and the environment; the role of truthfulness in business practices; and the ethics of self-fulfillment and career ambitions. Readings selected from works of contemporary and historical philosophers, social theorists, and business people.

PHL 207 Asian Philosophy 3 Credits
A survey of the principal philosophical perspectives of Asia. Emphasis on the traditional Indian schools of Hinduism, Jainism, and Buddhism, Chinese Confucianism and Taoism, and the development of Zen Buddhism in China and Japan. Philosophical topics include: mystical experience, the ultimate nature of reality, the existence of a soul, the causes of human suffering, and the possibility of release, the nature of virtue and its development, and the nature of society and government. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 210 Symbolic Logic 3 Credits
An introduction to logic from the standpoint of modern symbolic methods, including techniques of formal deductive proof, quantification, the logic of relations, and properties of formal deductive systems. Discussions focus on philosophical issues in recent and contemporary logical theory. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 225 Modern Philosophy 3 Credits
Examines one of the most exciting periods in the history of philosophy during which philosophers from Descartes to Kant tried to come to terms with the following questions: What is knowledge? Can we know the physical world exists? Can we have scientific knowledge? Can we know God exists? Can we even know whether we exist? The works of Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume and Kant are read and discussed. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PHL 304 Medical Ethics 3 Credits
Introduces the student to ethical problems associated with the practice of medicine, the pursuit of biomedical research, and health care social policy. The course will explore such issues as: Is a physician morally obligated to tell a terminally ill patient that he or she is dying? Is society ever justified in enacting laws that would commit an individual, against his or her will, to a mental institution? Does society have a moral obligation to ensure that all its members have access to health care? To what extent, if at all, is it ethically acceptable to clone a human being? Under what conditions is human experimentation ethically acceptable?
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 310 Problems in 20th-Century Philosophy 3 Credits
Consideration of major philosophical movements in the 20th century such as phenomenology, existentialism, pragmatism, and analytic philosophy. Within these movements such topics as the function of analysis, language and meaning, the nature of values, the nature of persons, the synthetic-analytic distinction, the mind-body problem, and the possibility of metaphysics are considered. The work of such figures as Wittgenstein, Russell, Heidegger, Husserl, Sartre, Whitehead, and Dewey are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 315 Existentialism 3 Credits
Historical development and contemporary problems of existentialism with emphasis on the nature of man, his ability to know his situation, the relation between existence and essence, and the meaning of human life and activity. The works of such figures as Kierkegaard, Sartre, Heidegger, Camus, Kafka, Beckett, Buber, Laing, and Frankl are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 320 Philosophy of Science 3 Credits
The logic of fundamental concepts of science and scientific methods are studied. Patterns of explanation are examined to understand the functions of laws, theories, and predictions in science. Inquiry is made into the relation between mathematics and empirical science; similarities and distinctions between the natural and social sciences. The role of science in human affairs and the value of scientific knowledge.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 334 Theories of Knowledge 3 Credits
An investigation of selected, representative theories of knowledge from classical and contemporary sources. Considers the analytic-synthetic distinctions, necessary truth, and the foundations of empirical knowledge. Such philosophers as Leibniz, Hume, Kant, Russell, and Quine are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 336 Philosophy of Mind 3 Credits
An investigation of the nature, existence, and capacities of the mind and self in the light of recent philosophical and psychological theories, including psychoanalysis and behaviorism. Considers such topics as the interaction of mind and body, the unconscious, minds and machines, freedom of thought and action.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 343 Theories of Reality 3 Credits
An examination of metaphysical problems with an emphasis on philosophical views of human nature from ancient Greece to contemporary evolutionary theories. The writings of such classical, modern, and contemporary figures as Plato, Aristotle, Descartes, Kant, Hegel, and Darwin are read and discussed. Issues studied include the relation between mind and matter, freedom and determinism, and the existence of God.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 348 Indian Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of India. Emphasis on the disputes between the traditional Hindu and Buddhist schools of the classical period over logic, knowledge, and reality. Philosophical topics include: skepticism, the problem of universals, realism and idealism, the nature of perception, the problem of induction, the nature of causality, and the problem of identity over time. Philosophers such as Nagarjuna, Vasubandhu, Vatsyayana, Dharmakirti, and Udayana will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 358 Chinese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of China. Emphasis on the political philosophies of ancient China. Topics include: human nature and the development of virtue, the nature and purpose of government, and the cognitive value of mystical experience. Philosophers such as Confucius, Laozi, Xunzi, Mencius, Mozi, and Zhuangzi will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 360 Contemporary Ethics 3 Credits
An examination of recent and contemporary challenges to traditional ethical theory including such movements as logical positivism, cultural relativism, feminism, environmentalism, multiculturalism, and postmodernism. Such problems as the meaning and cognitive status of value judgments, the relation between fact and value, the relativity of values, and how value judgments can be justified are considered.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 368 Japanese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of Japan, with an emphasis on Zen Buddhism in Medieval Japan and the Kyoto school in the 20th century. Topics include: the use of meditation and koans in Zen practice, the relationship between practice and enlightenment, the nature of time, meaning and nihility, and the relationship between science and religion. Philosophers such as Kukai, Mumon, Dogen, and Nishitani will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 402 Nietzsche and Nihilism 3 Credits
A seminar dealing with Nietzsche's provocative ideas on Nihilism and the possibility of creating meaning, value, and truth for human existence. Many of his important works are read, analyzed, and critically discussed. Recent scholarly interpretations of Nietzsche's philosophy are considered.
Prerequisite(s): any previous philosophy course or permission of instructor.

PHL 408 The Philosophy of William James 3 Credits
Seminar involving a concentrated study of William James' contributions to philosophy with special attention to his pragmatism, pluralism, and radical empiricism. Many of James' philosophical works are read, analyzed, and critically discussed. Recent scholarly interpretations of James' philosophy are considered.

PHL 418 Great Buddhist Thinkers 3 Credits
Concentrated study of a single Buddhist philosopher, emphasizing the systematic views of that philosopher across a range of philosophical issues. Through an examination of primary sources in translation and recent scholarship, students will investigate the views and arguments of one important figure from the Buddhist philosophical tradition on a variety of philosophical problems regarding knowledge, existence, consciousness, religion, and ethics.

PHL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

Event Planning and Production

Program Overview

Event planning and production is an interdisciplinary minor that combines the study of communication, marketing and management. With the rapid growth of non-profit, educational, corporate, recreational, and entertainment events, this minor provides both theoretical and practical training in event planning and management.

The curriculum emphasizes public relations and effective writing, various strategic approaches to business management, and the corporation-consumer relationship. The minor has a strong applied component and approved internship experiences are recommended for all students.

Degree Offered

- Minor in Event Planning and Production

Contact

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Program website: Event Planning (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/event-planning-minor/)

Associated Department: Department of Communication, Journalism, and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Public Relations (p. 482)
- Sports Media (p. 538)
- Communication Studies (p. 114)
- Radio and Podcasting (p. 493)
- Social Media Strategies (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/social-media-strategies-minor/)
- Arts & Entertainment Industries Management (p. 39)
- Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/marketing/)

- Business Administration (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/business-administration/)

Event Planning and Production Minor Requirements

(21 Credits)

Communication and Journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.

Exception: If a student elects either the Advertising or Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.

Code	Title	Credits
COM 107	Writing for the Media	3
COM 240	Public Relations	3
COM 280	Issues in Event Planning	3
COM 341	Public Relations Writing and Strategy	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
MKT 260	Service Marketing	3
Additional recommended courses:		
CBA 110	Business in Action	
COM 105	Communication, Culture and Media	
COM 203	Introduction to Social Media	
COM 212	Digital Publication Design	
COM 261	Introduction to Web Design	
MGT 310	Intro to Human Resource Mgmt	
COM 440	Cases & Campaigns in Public Relations	
MKT 320	Consumer Behavior	
PSY 100	Introduction to Psychology	
Total Credits		**21**

Courses and Descriptions

CBA 110 Business in Action 3 Credits
This course will provide students with the opportunity to develop a foundational understanding of the business environment and various business functions. Students will be introduced to core concepts in accounting, e-business, finance, human resource management, information technology, macroeconomics, management, marketing, and production and operations management. In addition, the student will have ample opportunity to improve his/her communication and teamwork skills, as well as further develop problem-solving, analytical, and decision-making abilities through a Business in Action project.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MKT 320 Consumer Behavior 3 Credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior.
Prerequisite(s): MKT 200.

MKT 260 Service Marketing 3 Credits
Focuses on the unique challenges of managing services and delivering quality service to customers. Emphasis is placed on the total organization, and how effective marketing and customer focus must be coordinated across multiple functions. The course is applicable to service organizations and to organizations that depend on service excellence for competitive advantage. Topics include customer-focused management, and customer satisfaction, retention, lifetime value and profitability. Students will learn to map services, understand customer expectations, and develop relationship marketing strategies.
Prerequisite(s): MKT 200.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

Exercise Science

Program Overview

This program prepares students for both entry level positions in health, fitness, and exercise science and as pre-professional training for a variety of healthcare related programs (i.e., athletic training, physical therapy, occupational therapy). Graduates of this program will be prepared to assess, design, and implement individual and group exercise and fitness programs for both healthy individuals and those with controlled disease. In addition to knowledge and skills associated with physiology, exercise science professionals also must be knowledgeable and skilled in evaluating health behaviors and behavior modification and motivation techniques necessary to promote and maintain positive lifestyle behaviors. Rider achieves this through small class and laboratory sizes allowing direct, hands-on instruction, and faculty accessibility. Students also have opportunities to do research with faculty via work study or independent study. Each student is assigned a faculty advisor who provides academic advice and career guidance tailored to the student's needs. Students completing this program will have the knowledge, skills, and abilities necessary for entry-level exercise science employment in the public and private industries and/or graduate study in related areas.

Students may be eligible for a number of nationally recognized certifications in the field (i.e., American College of Sports Medicine Certification (https://www.acsm.org/get-stay-certified/get-certified/), National Strength and Conditioning Association, (https://www.nsca.com/certification/certification-overview/) National Academy of Sports Medicine (http://www.nasm.org/)) and may pursue employment in various healthcare and/or public health settings in and around exercise and healthy lifestyle interventions. Students will also be able to use their degree as a platform for a wide range of graduate degree programming including, but not limited to: physical therapy, exercise physiology, physician's assistant, occupational therapy, nutrition, strength and conditioning, and public health.

Curriculum Overview

The curriculum is designed to allow flexibility to customize the program by selecting courses in both foundational and core content areas based on the individual's personal and professional goals. Rider's science faculty are research-oriented and encourage students to take advantage of opportunities to engage in independent research. Two concentrations are identified, each with a selected set of courses which prepare students for their intended career path: Four career paths are identified, each with a selected set of courses which best meets that program:

- Practitioner Concentration: designed for those wanting to pursue careers as fitness professionals, corporate health and wellness specialists, and strength and conditioning professionals.
- Pre-Professional Concentration: designed for students wanting to pursue additional training in Physical Therapy, Athletic Training, Occupational Therapy, or other healthcare related programs. Students should consult with their faculty advisor regarding the requirements for each career path option.

Student Learning Outcomes

After completing this program, graduates will be able to:

1. Demonstrate knowledge in foundational concepts of exercise science
2. Demonstrate competency in the following domains for both healthy and clinical populations: pre-participation risk stratification, fitness assessment and evaluation, evidence based exercise prescription, and safe/appropriate exercise technique.
3. Articulate the importance of interprofessional collaboration in the delivery of evidence based exercise programming in contemporary health care.

4. Communicate effectively in both the written and spoken word, commensurate with expectations in the field.
5. Act within the ethical and legal parameters of Exercise Science.

Degree Offered:

- B.S. in Exercise Science

Contact

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Program Website: Exercise Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/exercise-science/)

Associated Department: Health Sciences & Nursing

Related programs:

- Behavioral Neuroscience (p. 49)
- Biology (p. 83)
- Chemistry (p. 104)
- Health Sciences (p. 319)
- Physics (p. 445)

Exercise Sciences Program Requirements

(61 - 72 credits, depending upon your selected career path)

Code	Title	Credits
Exercise Science Foundation (40-43 credits)		
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
HSC 100	Intro to Human Nutrition	3
EXS 115 & 115L	Introduction to the Science of Exercise and Introduction to the Science of Exercise Lab	4
EXS 121	Exercise Injury Control and Management	3
HSC 105	Introduction to Health Professions	1
HSC 302 & 302L	Kinesiology and Kinesiology Lab	4
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	4
PSY 100	Introduction to Psychology [3]	3
or PSY 110	Psychology:The Science of Well-being	
PSY 283	Sport Psychology	3
or PSY 345	Health Psychology	
MTH 105	Algebra and Trigonometry (or a higher level MTH course)	4
Statistics (3-6 credits)		
Select one of the following:		
BNS 250 & 250L	Biostatistics and Biostatistics Lab	
PSY 201	Statistics and Research Design (requires PSY 105 as a prerequisite)	
MTH 120	Introduction to Applied Statistics	
ENV 200	Statistical and Computer Applications in the Natural Sciences	
Practitioner Concentration EXS Professional (27-29 credits)		
(strength and conditioning, corporate fitness, wellness, personal training, exercise professional)		
CHE 110 & 110L	Survey of General Chemistry and Survey of Gen Chemistry Lab	4
HSC 201	Nutrition for Exercise and Physical Activity	3
EXS 291	Exercise Science Practicum 1	1
EXS 340 & EXS 341	Exercise Testing & Prescription and Exercise Testing & Prescription - Lab	4
EXS 360 & 360L	Foundations of Strength and Conditioning and Foundations of Strength and Conditioning Lab	4
EXS 391	Exercise Science Practicum 2	2
EXS 401	Organization and Administration in Exercise Science	3
EXS 405	Special Populations & Considerations	3
EXS 491	Internship in Exercise Science	3-4
Pre-Professional Concentration (Pre PT, AT, OT, PA)(40-44 credits)		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab (Core Requirements)	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
HSC 201	Nutrition for Exercise and Physical Activity	3-4
or CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	
EXS 405	Special Populations & Considerations	3-4
or BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
EXS 401	Organization and Administration in Exercise Science	3-4
or BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
EXS 340 & EXS 341	Exercise Testing & Prescription and Exercise Testing & Prescription - Lab	4
or EXS 360 & 360L	Foundations of Strength and Conditioning and Foundations of Strength and Conditioning Lab	
Complete one of the following Physics course sequences:		**8**
A.		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
OR B.		
PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 201 & 201L	General Physics II and General Physics II Lab	
Complete one of the following Chemistry course sequences:		**8**
A.		

CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab [1]	
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab [1]	
OR B.		
CHE 110 & 110L	Survey of General Chemistry and Survey of Gen Chemistry Lab	
CHE 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Lab	
EXS 490	Independent Study: Research and Creative Expression	3-4
or EXS 491	Internship in Exercise Science	
Total Credits: Foundation and Practitioner Concentration		**67-71**
Total Credits: Foundation and Pre-Professional Concentration		**80-87**

Note: CAS General Education Scientific Perspective and Mathematical Reasoning requirements will be fulfilled within this major.

1

If Organic Chemistry is required as prerequisite, students should complete CHE 120 & CHE 121. If Organic Chemistry is not required as a prerequisite, students should complete CHE 110 & CHE 110L.

2.

PSY 110 may also be used to satisfy the CAS Social Perspectives core requirement.

Department of Biology, Behavioral Neuroscience, and Health Sciences Course Repeat Policy

The following guidelines apply to courses offered by the Department of Biology, Behavioral Neuroscience, and Health Sciences. Students may repeat any biology (BIO), behavioral neuroscience (BNS), health sciences (HSC) or exercise science (EXS) course **once** without special permission unless they received an unsatisfactory grade (C-, D, F). With an unsatisfactory grade, students need permission from the dean's office to repeat a class. They can not register on their own on myRider. Students should email casdean@rider.edu and the department chair to request permission to repeat a course. A course will be considered repeated if the student has previously earned a letter grade in the course, or if the student has previously withdrawn from the course after the Friday of the seventh week of classes (previously Withdrawal II or Withdrawal III). To take a biology, behavioral neuroscience, health science, or exercise science course for a third time, written permission must be obtained from the dean's office and the department chair before the registrar will allow the student to enroll in that course.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
MTH 105	Algebra and Trigonometry [1]	4
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**14**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CMP 125	Seminar in Writing and Research	3
EXS 121	Exercise Injury Control and Management	3
HSC 105	Introduction to Health Professions	1
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
BIO 221 & BIO 222L	Human Anatomy & Physiology I and Human Anatomy & Phys II Lab	4
HIS 150	World History to 1500	3
HSC 201	Course HSC 201 Not Found	3
PSY 283 or PSY 345	Sport Psychology or Health Psychology	3
Foreign Language [1]		3
	Semester Credit Hours	**16**
Spring Semester		
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
HSC 100	Course HSC 100 Not Found	3
HSC 302 & 302L	Kinesiology and Course HSC 302L Not Found	4
HIS 151	World History Since 1500	3
Foreign Language		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
Statistics Course		3-4
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	4
HSC 201	Course HSC 201 Not Found	3
Social Perspectives II		3
	Semester Credit Hours	**13-14**
Spring Semester		
EXS 340 & EXS 341	Exercise Testing & Prescription and Exercise Testing & Prescription - Lab	4
EXS 360	Foundations of Strength and Conditioning	4
Aesthetic Perspectives General Education Credits		3
Philosophical Perspectives General Education Credits		3
Elective Credits		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
Independent Study or Internship in EXS		3
Research Design Option		3

EXS 405	Special Populations & Considerations	3
Aesthetic Perspectives General Education Credits		3
Elective Credits		3
	Semester Credit Hours	**15**
Spring Semester		
Capstone Seminar or Certification Exam Prep(ACSM, CEP, NSCA, CSCS)		3-4
EXS 401	Organization and Administration in Exercise Science	3
Global Perspectives General Education Credits		3
Elective Credits		3
	Semester Credit Hours	**12-13**
	Total Credit Hours for Graduation	**119-121**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

Courses and Descriptions

BCH 225 Introduction to Organic and Biochemistry 4 Credits
An introductory course describing the basic principles of organic chemistry and biochemistry as they relate to human metabolism and disease. The nature of the chemical structure and reactivity of organic functional groups such as alcohols, aldehydes, ketones, carboxylic acids and amines will be presented with biological processes in mind. The biochemistry of the macromolecules DNA, RNA, proteins, carbohydrates and lipids will be discussed leading to a discussion of some of the more important metabolic pathways. This course is intended for science majors who do not take the full two semester sequence of organic chemistry and two semesters of biochemistry and desire a background in biochemistry. Non-science major students who have had one semester of general chemistry and one semester of biology may also enroll in the course. Three hours of lecture and one three-hour lab per week. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115 with a minimum grade of D
Corequisite(s): BCH 225L.

BCH 225L Introduction to Organic & Biochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115.
Corequisite(s): BCH 225.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

BNS 250 Biostatistics 4 Credits
This course will assist students with acquiring the skills necessary to design, conduct, and interpret research studies. Emphasis will be on learning how to develop experimental designs to translate theoretical concepts into testable hypotheses. Experiments conducted during laboratory sessions will use laboratory mice and will use equipment for measuring animal behavior. Students will gain experience collecting, analyzing, writing and orally presenting their research results. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 105 or higher or placement into MTH 210, grade of “C” or better in one lab science course.
Corequisite(s): BNS 250L.

BNS 250L Biostatistics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequiste(s): BNS 250.

CHE 110 Survey of General Chemistry 4 Credits
A one-semester survey of basic general chemical principles designed to be applied to questions in health-related fields. Students will explore the fundamental structures of atoms and simple compounds that comprise living beings; basic patterns in chemical reactivity, especially oxidation-reduction and acid-base reactions; quantitative analyses of biologically-relevant compounds and chemical reactions; properties of substances; and kinetic and thermodynamic principles underlying such chemicals and chemical processes. In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts. No prerequisites. Students who have completed CHE 120 and/or CHE 122 will not be permitted to enroll in CHE110/110L. Furthermore CHE 110 will not serve as a prerequisite for CHE 122.

CHE 110L Survey of Gen Chemistry Lab 0 Credits
In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

EXS 121 Exercise Injury Control and Management 3 Credits
This course is designed to provide the participant with entry level knowledge, competence, and skill in the care and prevention of injuries sustained during physical activity, sport, and exercise. This course includes units dealing with basic anatomy of common injuries, evaluation techniques, preventive measures to reduce the incidences of injuries and a knowledge of basic treatment procedures to be used after injuries occur. Legal and ethical issues will also be discussed.

EXS 320 Exercise Physiology 3 Credits
An entry level exploration of the physiological processes, metabolic requirements, and consequences of exercise in humans. Emphasis is placed on bioenergetics, as well as circulatory, respiratory, and neuromuscular responses to the physical stress of exercise performed for health and disease prevention.
Prerequisite(s): BIO 221, BIO 222.

EXS 321 Exercise Physiology Laboratory 1 Credits
EXS 321 is the laboratory course that accompanies EXS 320. Topics will include entry-level practical skills and competencies related to exercise capacity evaluation, interpretation of exercise data, and application of exercise interventions in a clinical setting. Prerequisite(s): BIO 221, 222 Co-requisite(s): EXS 320.

EXS 340 Exercise Testing & Prescription 3 Credits
An advanced, competency based course in the evidence based evaluation and prescription of exercise interventions in healthy and clinical populations. Prerequisite(s): EXS 320 Co-requisite(s): EXS 341.

EXS 341 Exercise Testing & Prescription - Lab 1 Credits
An advance, competency based laboratory course in the evidence based evaluation and prescription of exercise interventions in healthy and clinical populations Prerequisite(s): EXS 320 Co-requisite(s): EXS 340.

EXS 360 Foundations of Strength and Conditioning 4 Credits
This course examines the advanced methods and techniques associated with the design of strength and conditioning programs to enhance human performance in sport and fitness. This course is designed to develop, enhance, and apply knowledge and skills to prepare the student for the profession of strength and conditioning. Prerequisite(s): EXS 320, EXS 321, HSC 302.
Corequisite(s): EXS 360L.

EXS 401 Organization and Administration in Exercise Science 3 Credits
This course examines the various issues, policies, and procedures involved with administrative aspects of exercise science in traditional and non-traditional settings. Emphasis is on administrative concepts, facility design, budgeting and equipment purchasing, personnel management, record keeping, and legal liability.
Prerequisite(s): EXS 360.

EXS 405 Special Populations & Considerations 3 Credits
This course is an advanced course in exercise programming for a variety of unique populations. Pathophysiology and considerations relative to diseases of the musculoskeletal, neuromuscular, and immunologic systems will be discussed. Recommended modifications and evidence based techniques that support fitness programming for individuals with specific exercise needs will be explored.
Prerequisite(s): EXS 320.

HSC 100 Course HSC 100 Not Found Credits

HSC 105 Introduction to Health Professions 1 Credits
Course Description: This course will provide a basic overview of the health science professions including but not limited to: athletic training, clinical exercise physiology & cardiac rehabilitation, chiropractic, physician assistant, occupational therapy, nursing, community health education specialist, and physical therapy. The course will also cover the professional activities (i.e. professional organizations, certifications, professional issues, and professional liabilities) that are related to these professional applications.

HSC 200 Environmental Health & Human Health 3 Credits
The health of any individual is a function of both our genetics and environmental factors. Environmental factors most broadly defined include the air we breathe, the water we drink and the food we eat. This course will focus on numerous examples of how bacteria, viruses, and exposure to environmental chemicals result in human diseases. Examples range from failures in public health infrastructure (cholera, diphtheria, river blindness, etc), failures to vaccinate (polio, measles, hepatitis, etc) and chemical exposures (birth defects, cancer, etc). There is also much known about how diet and nutrition can prevent diseases.
Prerequisite(s): BIO 10X Life Science course or any biology laboratory course or BIO 115 or 116 or 117.

HSC 201 Course HSC 201 Not Found Credits

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI.
Corequisite: HSC 303.

HSC 302L Course HSC 302L Not Found Credits

MTH 105 Algebra and Trigonometry 4 Credits
The course is an in depth and rigorous study of functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses, trigonometric identities.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

MTH 120 Introduction to Applied Statistics 3 Credits
Collection and presentation of data. Measures of location and variation, sampling theory, hypothesis testing, confidence intervals, t-tests, chi-square tests, regression, and correlation. Emphasizes practical applications. Not open to business administration, chemistry, environmental, geosciences, marine sciences, math or liberal studies: marine ecological or environmental emphasis majors.
Prerequisite(s): MTH 102 or MTH 105.

PHY 101 Principles of Physics II 3 Credits
Continuation of Physics 100. Electrostatics, electricity, and magnetism; DC and AC circuits, physical and geometrical optics, introduction to elementary particle and quantum physics. Three hours of lecture per week. Prerequisite(s): PHY 100.
Corequisite(s): PHY 101L.

PHY 101L Principles of Physics II Lab 1 Credits
For students concurrently taking Physics 101. One three-hour lab per week.
Corequisite(s): PHY 101.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

PHY 201L General Physics II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 201.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of "C" in PSY 105.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

Finance

Program Overview

The Finance major combines practical classroom training with internship opportunities to prepare students for a professional business career. Rider Finance majors find careers regionally and globally in business, industry, government service, and the non-profit sector. Career paths of our finance graduates include portfolio manager, financial analyst, banker, financial advisor, corporate financial manager, credit analyst, financial consultant and more.

Student Learning Outcomes

A Finance graduate will demonstrate the ability to:

- Compare and contrast the characteristics, features and uses of financial instruments from the corporate, investor and government perspectives;
- Compute the value of stocks, bonds and other financial securities using the appropriate valuation models;
- Calculate the returns and degree of risk associated with widely used investment strategies;
- Perform capital budgeting and other decision-making analyses in order to solve financial problems;
- Interpret the structure of financial markets and evaluate the role and functions of financial institutions within them.

Curriculum Overview

Rider offers three main areas of specialization within the Finance major. All programs lead to nationally recognized professional credentials that align with student career goals and demonstrate competency in the industry.

For students interested in pursuing a career in Financial Advising we offer a Concentration in Private Wealth Management (p. 270). This program prepares students to take the Securities Industry Essentials (SIE) exam that is now part of the Series 7 exam prior to graduation.

The Concentration in Investment Analysis (p. 270) prepares students for a variety of careers in investments and corporate finance. The program includes courses for students who plan to take the Chartered Financial Analyst ® (CFA) Level 1 Exam.

The Concentration in Financial Management (p. 270) helps prepare students to take the Certified Management Accounting (CMA) examinations. This certification can be very worthwhile for those who intend to enter careers in Corporate Finance.

There are many options that can meet your specific needs: highly motivated students with multiple interests may specialize in two or more finance concentrations or double major (e.g., Business Analytics is a valuable supplement to Finance). Alternatively, students may choose a well-rounded exposure to the many facets of financial decision making and forego any specific concentration.

Non-business majors can minor in Finance. Students can receive a non-business degree and at the same time acquire considerable business knowledge and skills from our Finance minor (p. 270).

Degree Offered

- B.S.B.A. in Finance

Contact

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Sweigart Hall 262
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Program Website: Finance
Associated Department/College: Norm Brodsky College of Business

Related Programs

- Accounting (p. 19)
- Business Analytics (p. 97)

Finance Major Requirements

(18 credits)

Students must achieve a grade of "C-" or better in FIN 220 Introduction to Finance to be entered into the Finance major program.

In addition to the requirements below, students must select one area of concentration (p. 270) to complete.

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
Major Requirements		
FIN 307	Financial Markets & Institutions	3
FIN 309	Intermediate Corporate Finance	3
FIN 312	Investments	3

Three upper level FIN electives (300-400 level), excluding FIN 491 Finance Internship and FIN 399 Finance Co-op.	9
Total Credits	**18**

Students must achieve a grade of at least "C-" in each of the major courses with a minimum GPA of 2.0 in the major. Finance concentrations have stricter requirements that are designed to assist you in identifying the correct path within the discipline.

Finance Minor Requirements

(Available to all non-business majors)

(18 credits)

Code	Title	Credits
ACC 210	Introduction to Accounting	3
ECO 201	Principles of Microeconomics	3
FIN 220	Introduction to Finance	3
Select three of the following:		9
FIN 305	Personal Financial Planning	
FIN 307	Financial Markets & Institutions	
FIN 308	International Finance	
FIN 309	Intermediate Corporate Finance	
FIN 312	Investments	
FIN 315	Financial Modeling	
FIN 350	Entrepreneurial Finance	
FIN 360	Fixed Income and Derivatives	
FIN 370	Financial Analysis and Ethics	
FIN 405	Private Wealth Management	
Total Credits		**18**

Students must achieve a minimum 2.0 GPA in the minor with no course grade below a "C-."

Finance Concentrations

Concentration in Private Wealth Management (p. 270)

Concentration in Investment Analysis (p. 270)

Concentration in Financial Management (p. 271)

Concentration in Private Wealth Management

(21 credits)

The Concentration in Private Wealth Management (PWM) prepares students for a career as a Financial Advisor. The course sequence will provide a foundation for students to take the Securities Industry Essentials (SIE) (https://www.finra.org/industry/essentials-exam/) exam during their senior year prior to graduation. The SIE is a portion of the Series 7 exam required by all brokerages and advisory firms and is the entry-level credential that all financial advisors must earn in order to advance in their career in Finance. Students will undergo frequent benchmark testing through their finance courses, assessing necessary knowledge and thinking to achieve mastery. (A double major or minor in Business Analytics (p. 97) is a recommended complement. Students who are sales-oriented may consider the concentration in Financial Services Marketing.)

Admission

This program is only available to Rider undergraduate Norm Brodsky College of Business students majoring in Finance. With the exception of Finance-Accounting double majors, all Finance majors with a GPA of 2.50 who have completed 30 credits are automatically enrolled in the Concentration in PWM. Transfer students entering with 30 credits are automatically enrolled in PWM during their first semester.

Finance-Accounting double majors are permitted to enroll in this concentration at their discretion. Students can switch to or add the concentration in Financial Management, if desired, after earning 30 credits. Students may "opt-out" of having a concentration with permission of the Department Chair.

Graduation Requirement

A minimum cumulative GPA of 2.50 at graduation and a minimum grade of C is necessary in each of the following courses:

Code	Title	Credits
ACC 210	Introduction to Accounting	3
ACC 220	Managerial Uses of Accounting	3
FIN 220	Introduction to Finance	3
FIN 305	Personal Financial Planning	3
FIN 307	Financial Markets & Institutions	3
FIN 312	Investments	3
FIN 405	Private Wealth Management	3
Total Credits		**21**

For information on the Concentration in Private Wealth Management please contact:

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

Concentration in Investment Analysis

(15 credits)

This program prepares students for a variety of careers in investments and corporate finance. By taking the required courses for the program, participants will receive in-depth training involving investment tools, valuation of assets, and management of investments that will position them to enter the fields of security analysis and portfolio management. Although the focus of the program is on investments, the knowledge that participants gain from the required courses is highly valued in other finance fields such as financial planning and treasury management. (A double major or minor in Business Analytics is a recommended complement).

This program is also designed to prepare students for the Chartered Financial Analyst (CFA) Level 1 Exam (https://www.cfainstitute.org/programs/cfa/exam/level-i/). The CFA designation is globally recognized by employers and investment professionals. The content of the required courses for the concentration, along with the other required courses for a business undergraduate degree, cover a significant portion of the CFA Level 1 Exam curriculum.

Admission
Rider undergraduate Norm Brodsky College of Business students majoring in Finance or double-majoring in Finance may apply for this concentration after completing 60 credits. Students enrolled in the Concentration in Private Wealth Management are encouraged to add this second program if they meet the following criteria:

- minimum cumulative GPA of 3.25
- minimum grade of "B" in FIN 220

Code	Title	Credits
Required Courses for the Concentration:		
FIN 309	Intermediate Corporate Finance	3
FIN 312	Investments	3
FIN 360	Fixed Income and Derivatives	3
FIN 370	Financial Analysis and Ethics [1]	3
FIN 405	Private Wealth Management	3
Total Credits		**15**

1

Students who are a double major in Finance and Accounting are permitted to waive FIN 370.

Graduation Requirement:

Students must have a minimum GPA of 3.25 in the 15 semester hours of required coursework and a minimum cumulative GPA of 3.25 in order to successfully complete the program.

For information on the Concentration in Investment Analysis please contact:

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

Concentration in Financial Management

(12-15 credits)

This program prepares Finance majors for careers in Corporate Finance that combine skills in both finance and accounting. Corporate Finance is used by both financial and non-financial firms, and by investment banks that help firms raise capital. The program is also designed to prepare students for the Certified Management Accountant (CMA) (https://www.imanet.org/cma-certification/?ssopc=1) examinations that students are encouraged to complete prior to graduation. This credential is valued in a number of careers relating to both Corporate Finance and Accounting. (A double major or minor in Business Analytics (p. 97) is a recommended complement.)

Admission
Rider undergraduate Norm Brodsky College of Business students majoring in Finance or any other business discipline excluding Accounting majors may choose this program after completing 30 credits and a minimum cumulative GPA of 2.50.

Graduation Requirement
A minimum cumulative GPA of 2.50 at graduation and a minimum grade of C is necessary in each of the following courses:

Code	Title	Credits
Required Courses:		
ACC 302	Cost Management	3
FIN 309	Intermediate Corporate Finance	3
FIN 315	Financial Modeling	3
FIN 370	Financial Analysis and Ethics [1]	3
Total Credits		**12**

1

The FIN 370 course requirement can be satisfied by completion of both ACC 310 and ACC 311.

For information on the Financial Management Concentration please contact:

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

4-Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
ACC 210	Introduction to Accounting	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 110	Business in Action [1]	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Liberal Arts Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CBA 212	Business Communications	3

COM 290	Professional/Strategic Speech	3
MKT 200	Marketing Principles	3
FIN 305	Personal Financial Planning	3
Liberal Arts Elective [3]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
FIN 307	Financial Markets & Institutions [5]	3
FIN 312	Investments [5]	3
MGT 355	Team Management (or MGT 363 or LDP 200 or IND 398)	3
Liberal Arts Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
FIN 309	Intermediate Corporate Finance [5]	3
MSD 301	Operations Management	3
Liberal Arts Elective [3]		3
Free Elective [4]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BUS 400	Strategic Management and Policy	3
FIN Major Elective (International Business) [4]		3
Free Elective [4]		3
Free Elective [4]		3
Free Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
FIN Major Elective [4]		3
Free Elective (International Business) [4]		3
Free Elective [4]		3
Free Elective [4]		3
Free Elective [4]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses (FIN 308) or free electives.

5

FIN 307 Financial Markets and Institutions, FIN 309 Intermediate Corporate Finance, and FIN 312 Investments can be taken in Fall or Spring of Year 3 or Year 4. Finance majors with a Concentration may be able to take FIN 305 during the Spring of Year 2.

3-Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
ACC 210	Introduction to Accounting	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
MKT 200	Marketing Principles	3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 110	Business in Action	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
Liberal Arts Elective		3
Liberal Arts Elective		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Liberal Arts Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**

Spring Semester		
CBA 212	Business Communications	3
FIN 309	Intermediate Corporate Finance	3
FIN 312	Investments	3
Liberal Arts Elective		3
Free Elective		3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
FIN 307	Financial Markets & Institutions	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MSD 301	Operations Management	3
Free Elective		3
Free Elective		3
Major Course Elective *		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
Free Elective		3
Int'l Business Elective *		3
Major Course Elective *		3
Major Course Elective *		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

*

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major course elective (FIN 308 International Finance) or free elective courses.

Notes:

- This accelerated plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.
- Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, FIN 399 or FIN 491).

Courses and Descriptions

FIN 200 Managing Your Money 3 Credits

An introduction to the analysis of a wide range of financial decisions which individuals encounter over their careers and lifetime. Topics include financial goals, tax planning, home ownership versus renting, consumer credit, money management and investments, and managing risk with insurance. This course is open to all Rider students, and it counts as a free elective or a business elective. It cannot be used as finance elective.

FIN 220 Introduction to Finance 3 Credits

An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.

Prerequisite(s): ACC 210 and ECO 201.

FIN 305 Personal Financial Planning 3 Credits

This course focuses on practical issues and problems involving personal financial planning, budgeting, use of credit and banking regulations, behavioral finance and investments, tax planning, education and retirement planning. Other topics to be covered include: risk exposure identification and mitigation, legal aspects of insurance, insurance policy needs analysis and selection. Students will gain practical knowledge of various types of insurance, including: life insurance, property and casualty insurance, health and disability insurance. An important objective of the course is to provide the student with the tools that are utilized in making personal financial decisions and how to apply those tools for a variety of financial needs. Students will be introduced to the financial planning process and how to analyze and prepare financial planning statements. Students will be expected to present 2 group case studies as part of the course.

Prerequisite(s): FIN 220.

FIN 307 Financial Markets & Institutions 3 Credits

This course provides an introduction to the organization and behavior of financial markets and institutions in the economy. The factors determining security prices and interest rates in the money and capital markets are analyzed. An overview of all major financial institutions is presented. In addition, market returns, the regulatory environment, and monetary policy are examined.

Prerequisite(s): FIN 220 or concurrent with FIN 220.

FIN 308 International Finance 3 Credits

Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.

Prerequisite(s): FIN 220.

FIN 309 Intermediate Corporate Finance 3 Credits

This course builds on and extends the concepts of financial management learned in FIN 220. The course examines long-term corporate financing

and investment decisions and how those decisions interface with each other. Topics covered include: cost of capital, financial planning and analysis, capital budgeting, capital structure and dividend policy.

Prerequisite(s): FIN 220.

FIN 312 Investments 3 Credits

The fundamentals of investing in stocks, bonds, and other negotiable instruments are covered. Major topics include trading on securities markets, mutual funds, international investing, margin accounts, short sales, determinants of securities prices, and investment risks. Stock options, financial futures, convertible securities, and implications of taxes on investment decisions are also discussed.

Prerequisite(s): FIN 220.

FIN 315 Financial Modeling 3 Credits

Provides instruction in computer use beyond what is available in other finance courses. Topics include more sophisticated applications of computers in financial management, investments, and other areas of finance and business. Students work on cases and projects which require more advanced usage of spreadsheets and other software and databases.

Prerequisite(s): CIS 185 and FIN 220.

FIN 330 Corporate Cash Management 3 Credits

This course is designed for business students seeking an understanding of modern principles and techniques for corporate treasury management. The course material is useful for finance, accounting, and banking professionals or small business owners. Topics include analysis of liquidity and solvency, credit and accounts receivable management, cash collection and disbursement systems, short-term investment and borrowing, management of treasury information and technology, multi-national cash management, and other related topics.

Prerequisite(s): FIN 220.

FIN 340 Risk Management 3 Credits

This course examines the risk management process as applied to the firm as a whole. It integrates the management of all risks facing the firm: strategic, financial, hazard, and operational. Techniques for identifying risk, measuring and analyzing it, and selecting an appropriate treatment will be explored.

Prerequisite(s): FIN 220.

FIN 350 Entrepreneurial Finance 3 Credits

This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.

Prerequisite(s): FIN 220.

FIN 360 Fixed Income and Derivatives 3 Credits

This course centers on the quantitative portion of the Chartered Financial Analyst (CFA) level 1 curriculum, which includes materials on fixed-income risk and return, fundamentals of risk analysis, derivative instruments and risk management applications of option strategies. The goal is to help students prepare for the exam, as well as introduce them to a variety topics in finance.

Prerequisite(s): FIN 312.

FIN 370 Financial Analysis and Ethics 3 Credits

This course covers the topics of financial reporting and analysis and related ethical issues. The course would benefit students interested in augmenting their ability to understand, analyze and apply the information in financial statements. It provides essential knowledge for students seeking either the Certified Management Accountant (CMA) or Chartered Financial Analyst (CFA) certifications. Specifically, the course covers the Ethics and Professional Standards of the CFA curriculum, and materials on financial reporting quality and financial statement analysis for the CFA level 1 exam. Course goals are to help students prepare for the certification exams, as well as introduce all interested students to a variety of topics in financial analysis and ethics.

Prerequisite(s): FIN 312 or POI.

FIN 380 Real Estate 3 Credits

Real estate finance and related subjects in real estate are examined. Topics include measuring cash flows and taxes, valuation methods for real estate investment decisions, location and value in real estate, home ownership, legal matters, and financing methods and techniques.

Prerequisite(s): FIN 220.

FIN 399 The Co-Operative Experience 6 Credits

The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their finance and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full¬ time employees. Eligible students include finance majors with at least junior status, a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in any finance coursework completed prior to the submission of the co-op application. Co-op credits can be applied toward business or free elective requirements but not toward finance elective requirements for majors. Grading is on a pass/fail basis.

Prerequisite(s): FIN 220.

FIN 405 Private Wealth Management 3 Credits

This course utilizes the Chartered Financial Analyst (CFA) curriculum and focuses on private asset management for high-net-worth investors. A wide range of topics including managing individual investor portfolios, taxes, estate planning, concentrated single-asset positions and individual risk management will be covered via lecture discussions. The main objective for the course is to help students develop the skills for a career in wealth management.

Prerequisite(s): FIN 305.

FIN 412 Investment Analysis 3 Credits

Real-world application of the concepts and techniques of investment analysis and portfolio theory introduced in FIN 312 (http://catalog.rider.edu/search/?P=FIN%20312). Students interact with and make recommendations to professional portfolio managers. Topics include analysis and forecasts of business conditions, market interest rates, international opportunities, and corporate profits. Emphasis is placed on the valuation of securities, stock selection, investment timing,

technical analysis, and management of portfolio risk with options, futures, and other tools.

Prerequisite(s): FIN 312 or permission of instructor.

FIN 469 Special Topics in Finance 3 Credits

This course is occasionally offered, with the topics and prerequisites set by the finance program.

FIN 490 Independent Study: Research and Creative Expression 3 Credits

Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation. This course can be used as a business or free elective, but with prior approval it can also be used as finance elective.

FIN 491 Finance Internship 1-3 Credits

The internship offers qualified junior and senior finance majors supervised employment with participating companies. The internship may be taken during the fall or spring semester or during the summer session. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a term paper that will be reviewed by the major's internship director. Internship credits can be applied toward business or free elective requirements but not toward finance elective requirements for majors. Grading is on a pass/fail basis.

Prerequisite)s): permission of instructor.

Finance Minor for Non-business Majors

Program Overview

The finance minor is designed to meet the needs of students who have a variety of career goals. For many types of jobs, it is essential that one understands the process of financial decision-making and the environment in which those decisions take place. To provide this understanding, the minor program consists of a well-rounded course of study in principles of macroeconomics, personal financial planning, management, entrepreneurial finance and other related courses.

This program is offered to all non-business students.

Minor Offered

- Minor in Finance

Contact

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

Program Website: Finance (http://www.rider.edu/finance/)
Associated Department/College: Norm Brodsky College of Business

Related Programs

- Accounting (p. 19)
- Entrepreneurial studies (p. 240)

Finance Minor for Nonbusiness Majors Requirements

This minor is available to all non-business majors.

(18 credits)

Code	Title	Credits
ACC 210	Introduction to Accounting	3
ECO 201	Principles of Microeconomics	3
FIN 220	Introduction to Finance	3
Select three of the following:		9
FIN 305	Personal Financial Planning	
FIN 307	Financial Markets & Institutions	
FIN 308	International Finance	
FIN 309	Intermediate Corporate Finance	
FIN 312	Investments	
FIN 315	Financial Modeling	
FIN 350	Entrepreneurial Finance	
FIN 360	Fixed Income and Derivatives	
FIN 370	Financial Analysis and Ethics	
FIN 405	Private Wealth Management	
Total Credits		**18**

Students must achieve a minimum 2.0 GPA in the minor with no course grade below a "C-."

Note: Students must achieve a minimum 2.0 GPA in the minor with no course grade below a "C-".

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

FIN 305 Personal Financial Planning 3 Credits
This course focuses on practical issues and problems involving personal financial budgeting, use of credit, selection of banking services, insurance needs, real estate, investments, tax planning, and retirement planning. An important objective of the course is to provide the student with the tools that are utilized in making personal financial decisions and how to apply those tools for a variety of financial needs.
Prerequisite(s): FIN 220.

FIN 307 Financial Markets & Institutions 3 Credits
This course provides an introduction to the organization and behavior of financial markets and institutions in the economy. The factors determining security prices and interest rates in the money and capital markets are analyzed. An overview of all major financial institutions is presented. In addition, market returns, the regulatory environment, and monetary policy are examined.
Prerequisite(s): FIN 220.

FIN 309 Intermediate Corporate Finance 3 Credits
This course builds on and extends the concepts of financial management learned in FIN 220. The course examines long-term corporate financing and investment decisions and how those decisions interface with each other. Topics covered include: cost of capital, financial planning and analysis, capital budgeting, capital structure and dividend policy.
Prerequisite(s): FIN 220.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

FIN 312 Investments 3 Credits
The fundamentals of investing in stocks, bonds, and other negotiable instruments are covered. Major topics include trading on securities markets, mutual funds, international investing, margin accounts, short sales, determinants of securities prices, and investment risks. Stock options, financial futures, convertible securities, and implications of taxes on investment decisions are also discussed.
Prerequisite(s): FIN 220.

FIN 315 Financial Modeling 3 Credits
Provides instruction in computer use beyond what is available in other finance courses. Topics include more sophisticated applications of computers in financial management, investments, and other areas of finance and business. Students work on cases and projects which require more advanced usage of spreadsheets and other software and databases.
Prerequisite(s): CIS 185 and FIN 220.

FIN 350 Entrepreneurial Finance 3 Credits
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.
Prerequisite(s): FIN 220.

FIN 405 Private Wealth Management 3 Credits
This course utilizes the Chartered Financial Analyst (CFA) curriculum and focuses on private asset management for high-net-worth investors. A wide range of topics including managing individual investor portfolios, taxes, estate planning, concentrated single-asset positions and individual risk management will be covered via lecture discussions. The main objective for the course is to help students develop the skills for a career in wealth management.
Prerequisite(s): FIN 305.

FIN 412 Investment Analysis 3 Credits
Real-world application of the concepts and techniques of investment analysis and portfolio theory introduced in FIN 312. Students interact with and make recommendations to professional portfolio managers. Topics include analysis and forecasts of business conditions, market interest rates, international opportunities, and corporate profits. Emphasis is placed on the valuation of securities, stock selection, investment timing, technical analysis, and management of portfolio risk with options, futures, and other tools.
Prerequisite(s): FIN 312 or permission of instructor.

Fraud and Business Forensics Certificate

Program Overview

The Business Forensics certificate is designed to prepare students for a career in the field of fraud investigation and forensics. The curriculum encompasses fraud examinations, financial investigations, the psychology of white-collar crime, forensic interrogations and evidence management, and presentation for civil and criminal trials. A variety of teaching tools are employed including case studies, mock investigations, mock trials, guest speakers and professionals who are experts in their areas.

The program offers a track in either Accounting or Information Systems.

Admission

Current undergraduate Norm Brodsky College of Business students may choose a certificate in Fraud and Business Forensics. Students who want to declare this certificate should do so through the Norm Brodsky College of Business Dean's Office in Sweigart Hall one semester prior to beginning coursework.

Degree Offered

- Certificate in Fraud and Business Forensics

Contact

Marge O'Reilly-Allen, PhD, CPA
Associate Professor
Sweigart Hall 350
609-895-5505
oreillyallen@rider.edu

Program Website: Fraud and Business Forensics Certificate (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-majors-programs/accounting-0/)
Associated Department: Department of Accounting

Fraud and Business Forensics Requirements

(12 credits)

A certificate in Fraud and Business Forensics consists of four courses that can be completed as part of the undergraduate Accounting or Information Systems program. The certificate prepares students for a career in the field of fraud investigation and forensics by providing skills and tools to both prevent fraud from occurring and discovering fraud after it has occurred.

Code	Title	Credits
Required Courses		
ACC 321	Internal Auditing	3
ACC 325	Fraud Examination and Business Forensics	3
ACC 450	Business Forensic Application	3
Tracks		
Select one of the following Tracks:		**3**
Accounting Track		
ACC 320	Accounting Info Systems	
or ACC 400	Principles of Auditing	
Information Systems Track		
CIS 370	Systems Analysis and Design Project	
Total Credits		**12**

Students must achieve a minimum 2.5 GPA in the coursework required for the certificate, with no grade lower than a "C" in any course in the certificate.

Courses and Descriptions

ACC 320 Accounting Info Systems 3 Credits
This course provides an introduction to accounting information systems and enterprise-wide, process-focused information systems. Topics include quality of data for decision usefulness, internal control concepts and documentation tools, and database theory and applications.
Prerequisite(s): ACC 220 and CIS 185.

ACC 321 Internal Auditing 3 Credits
This course provides an introduction to the internal audit profession, including understanding the nature and activities associated with the internal audit process. Topics include: international auditing standards, risk assessment including internal control system evaluation, business processes, and the relationship of management and employee fraud to the internal audit process.
Prerequisite(s): ACC 220.

ACC 325 Fraud Examination and Business Forensics 3 Credits
This course provides an introduction to the prevalence of fraud in all forms of business, including the many methods used by employees and managers to perpetrate fraud. Topics include: the motivation of individuals to commit fraud, various types of fraud schemes perpetrated in the workplace, as well as the various tools and techniques that are used to investigate, detect and prevent fraud.
Prerequisite(s): ACC 210.

ACC 400 Principles of Auditing 3 Credits
This course provides an introduction to financial statement audits performed by certified public accountants. Topics include corporate governance, the audit environment, professional standards, audit methodology, and audit report preparation. The course also provides an overview of other types of assurance and non-assurance services provided by CPA firms.
Prerequisite(s): (ACC 310 with a minimum grade of C- or ACC 310P with a minimum grade of C-) or VL02 with a score of WV.

ACC 450 Business Forensic Application 3 Credits
This course provides an opportunity to perform complex investigative cases and analyses, thus demonstrating mastery of the knowledge and skills required to be effective forensic professionals. The course covers how to manage and present digital and technical evidence gathered for forensic litigation cases, including the ability to be an expert witness in court.
Prerequisite(s): ACC 325 and ACC 321.

CIS 370 Systems Analysis and Design Project 3 Credits
Topics include modeling techniques and methodologies to address the planning, analysis, design, and implementation of high quality systems, delivered on time and within budget. Using rapid application development tools, students will also construct an operational system within the span of a single semester. Issues and tools related to the management of project teams are also discussed.
Prerequisite(s): CIS 330.

French

Program Overview

Students of French students at Rider acquire an international perspective and a unique intercultural sensitivity. Advanced foreign language skills combined with intercultural expertise increase the employment prospects of our students in the global marketplace of the 21st century.

A minor in French offers students the opportunity to receive a practical grounding in the French language and culture through a challenging curriculum which may include study abroad. In addition, our language, literature, film, and culture courses prepare students to understand cultural diversity abroad and at home, to appreciate their own language and culture, and to gain global awareness. An individual fluent in another language acquires insight into the world in which we live. Faculty engagement in research and teaching excellence combines with our unique "accent on the individual" perspective through advisement and co-curricular opportunities to create a challenging yet supportive atmosphere in which students can realize their potential.

A minor in French will also complement many degree programs in business, education, music, and the liberal arts.

Students have access to the Foreign Language Media Center with 25 computer workstations with internet access for self-paced work and classroom instruction including interactive audio, video, and text-based materials.

Curriculum Overview

Classes in the French minor include an introduction to French literature, French composition and translation, French for Business and the professions, French culture and French phonetics, and conversation. Students also study literature, culture and liberal arts. Students are strongly encouraged to spend one semester abroad.

Student Learning Outcomes

Graduates with a minor in French will be able to:

1. demonstrate communicative competence in French;
2. discuss cross-cultural topics;
3. analyze and critique the products, practices, and perspectives of world cultures of the French and Francophone communities;
4. compare and contrast value systems across cultures.

Honors Programs in Languages, Literatures and Cultures

The department faculty will identify prospective honors students at the earliest possible moment and offer them challenges and encouragement to develop to their highest potential. A student who has a 3.25 cumulative average and a 3.5 in the major may be invited by the department, upon recommendation of a faculty member, to become a candidate for the 3-credit honors thesis or capstone project. Details of the thesis or capstone project will be arranged to accommodate the interests of the individual student.

The thesis/capstone project is completed during the senior year. It represents the culmination of a student's academic experience and is an irreplaceable learning experience for the development of research, writing, and critical thinking skills for graduate school admissions and success, as well as work in numerous careers. Students who successfully complete the thesis or capstone project and retain the required cumulative and major grade point average will graduate with honors.

Degree Offered

- Minor in French

Contact

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Program Website: French (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/french-minor/)

Associated Department: Department of Languages, Literatures and Cultures (http://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/)

Related Programs

- Chinese (p. 110)
- Spanish (p. 527)

French Minor Requirements

(18 credits)

Code	Title	Credits
FRE 200 & FRE 201	French III and French IV [1]	6
Select four French courses at the 300-level or above from the following list:		12
FRE 300	French Composition/Translation	
FRE 301	French for Business	
FRE 305	An Introduction to French Literature	
FRE 311	French Culture	
FRE 320	French Phonetics and Conversation	
FRE 422	Cultural Expression in French Film and Television	
FRE 425	Portrait of the Hero in French Fiction	
FRE 430	Mask & Reality in French Theater	
FRE 435	Self in French Prose & Poetry	
FRE 440	A Quest for Identity: Francophone Literature and Culture	
FRE 490	Independent Study: Research and Creative Expression	
FRE 491	Internship in Foreign Languages	
FRE 496	Special Studies	
Total Credits		**18**

[1]

Two advanced (300- or 400-level) courses will be substituted upon demonstrated proficiency.

Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper-level course upon completion of a Study Abroad program.

Courses and Descriptions

FRE 100 French I 3 Credits
Conversational French is taught through basic vocabulary and grammar building. Students will enjoy an immersion-style method emphasizing real-life situations and vocabulary in authentic cultural context, through an interactive textbook, videos, on-line resources, and oral/aural skill building using the technology in the Foreign Language Media Center to enhance learning. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): Placement test if French has been studied elsewhere.

FRE 101 French II 3 Credits
Building on learning in French I, students will begin to converse using more complicated grammatical structures within immersion-style classroom interactions. While the focus is still on conversation and aural skill building, composition skills receive greater emphasis. Students will enjoy an interactive textbook, Internet usage, and authentic videos shot on location in France. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 100 or placement test.

FRE 200 French III 3 Credits
This course builds on linguistic skills previously acquired through an emphasis on conversation and oral comprehension, and through vocabulary building. Grammar study is continued at a more advanced level, and students begin to read short passages focusing mainly on francophone culture and civilization. Film clips, Internet resources, and other computer-aided learning tools are used to create a dynamic immersion-style learning experience. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 101 or placement test.

FRE 201 French IV 3 Credits
While continuing the emphasis on aural/oral production and grammar and vocabulary building, short passages of greater complexity taken from literary texts, newspapers, and magazines will become the focus of conversation/composition activities. Technological resources will continue to enhance the immersion-style learning experience consistent with a course in advanced French. Successful completion of this course, or its equivalent, serves as a prerequisite for French courses at the 300 and 400 level. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 200 or placement test.

FRE 300 French Composition/Translation 3 Credits
An in-depth study of style, shades of meaning, and correctness of expression. Translation of business/professional/scientific/political texts will receive emphasis, and students will continue to perfect their writing skills, and review and improve advanced grammatical structures.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 301 French for Business 3 Credits
The fundamentals needed to survive in the French professional and business world are taught. Students will continue to perfect oral/written/aural skills while learning about the cultural climate within which these skills will be used. Students will learn how to prepare effective business/professional correspondence and, through role-playing activities, will use their knowledge in such real-life situations as interviewing, telephone conversations, and business meetings.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 305 An Introduction to French Literature 3 Credits
A chronological overview of the evolution of French literature from the Middle Ages to the present. Study and interpretation of selected works, authors or literary movements through the Renaissance, the classical period, Enlightenment, romanticism, realism, naturalism to representative works by authors of our century from Proust to existentialism, the nouveau Roman, theatre absurde and beyond.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 311 French Culture 3 Credits
A study of modern France and French value orientations as they are rooted in tradition and history and continue to shape everyday life as well as institutions, social organizations, artistic expression, education, attitudes and human interaction. A comparative approach will examine the underlying differences between France and the United States. Classes are in English.

FRE 320 French Phonetics and Conversation 3 Credits
This course is an introduction to French phonetics and is designed to help students further develop their skills in speaking French accurately and fluently. The course requires students to learn basic linguistic symbols and the phonetic alphabet as a theoretical step toward improving articulation and pronunciation. Moreover, special emphasis will be placed on the development of vocabulary and of appropriate communication techniques to participate in discussions in French. The course will be a mix of lectures, class discussions, debates, face-to-face conversations, and role games requiring a strong active participation. Counts toward major and minor requirements.
Prerequisite(s):FRE 201 or above, or placement test at 300-level or above.

FRE 422 Cultural Expression in French Film and Television 3 Credits
A systematic analysis of selected French films and television broadcasts will reveal cultural value orientations as they relate to love, family, community, leisure, work, social, and political organization. A comparative approach will stress the underlying cultural differences between France and the United States. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 425 Portrait of the Hero in French Fiction 3 Credits
This course deals with modern French fiction and its depiction of the role of the hero as a figure who gradually loses control over his fate (Stendhal, Balzac) and is changed into someone who struggles against ever increasing odds, only to be finally vanquished (Flaubert). The main character may find fulfillment in recollections of the past (Proust), explore the moral parameters of existence (Gide, Camus) or become the incapacitated anti-hero of Beckett's novels. Course taught in French
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 430 Mask & Reality in French Theater 3 Credits
A study of theater through the optic of a unifying theme: the mask and reality. The goal is to gain a greater appreciation of the art of dramatic illusion whereby actors, while wearing the masks of the characters they play, allow us to examine ourselves and reality in true, unmasked form. Playwrights to be studied will range from the classical theater of Racine and Corneille, through the modern avant-garde, existentialist and Theater of the Absurd works of such playwrights as Ionesco and Beckett. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 435 Self in French Prose & Poetry 3 Credits
Are we determining or pre-determined creatures? What is our essential nature? Is the quest for salvation justified? A study of the historical, political, and social realities in which the texts were composed will shed light on the concept of the self. Representative authors from the Renaissance to modern times will include: Montaigne, Descartes, Pascal, Montesquieu, Rousseau, Hugo, Baudelaire, Apollinaire, Sartre, Camus, Duras, Sarraute, Colette, de Beauvoir. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 440 A Quest for Identity: Francophone Literature and Culture 3 Credits
This course introduces the cultures of countries or regions where French is used either as the (or one of the) official language(s) or, in a less official capacity, by a segment of the population. In readings, discussions, songs, film viewings, and written assignments, students will experience the Francophone cultures of specific areas and the amazing diversity of the Francophone world. They will also explore the difficult relation of the Francophone countries with France. The course considers issues of social status, history, resistance, and identity. Counts toward major and minor requirements. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

FRE 491 Internship in Foreign Languages 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies, and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major.
Prerequisite(s): students should have completed at least one 300-level course in the foreign language.

FRE 496 Special Studies 3 Credits
Offered as needed to complement the program in French. A seminar open to a variety of topics treating a particular author, period, genre or critical approach.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

Game and Interactive Media Design

Overview

Students will learn to analyze, conceptualize and create video games and related components, such as animation, audio, non-linear stories, software interfaces, and user experience. All students complete courses in media theory, basic computer coding languages, visual art and design and general education courses. They will choose an emphasis in visual design, audio design, narrative design or a combination of the three. Culminating in a multi-disciplinary, year-long project, the degree will equip students with the skills, theoretical framework, and experience necessary to enter the gaming industry or pursue work in the related interactive media fields.

Degree Offered

- B.A. in Game and Interactive Media Design

Contact

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Associated Department: Department of Media Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/)

Related Programs:

- Graphic Design (p. 301)

Game and Interactive Media Design Program Requirements

(54 credits)

Courses with the **GAM** prefix required for this major build upon your growing knowledge and should be taken in the sequence displayed in the table below:

Code	Title	Credits
Required Courses:		
ART 150	Digital Foundations	3
ART 106	Survey of Art History II	3
COM 105	Communication, Culture and Media	3
COM 131	Fundamentals of Video Production	3
or FTV 135	Filmmaking I	
COM 302	Communication Ethics	3
GAM 100	Game & Interactive Media Forum	0
GAM 120	Intro to Game Logic	3
GAM 150	Intro to Game Studies	3
GAM 200	Game Design	3
GAM 201	Game Development I	3
GAM 290	G&IMD Portfolio Workshop	1
GAM 301	Game Development II	3
GAM 310	Special Topics in Game Design [1]	6
GAM 401	Game Workshop I	3
GAM 402	Game Workshop II	3
Elective Courses		
Select 12 credits from the following:		12
ART 103	Fundamentals of Drawing	
ART 230	Three-Dimensional Design	
ART 352	Motion Graphics	
ART 493	Special Topics in Studio Art	
CIS 200	Application Development with JavaScript	
CIS 325	User Experience Design	
COM 202	Color Theory	

COM 213	Typography	
COM 265	3D Graphic Animation	
COM 365	Graphic Animation	
COM 367	3D Graphic Animation II	
ENG 304	Creative Writing: Fiction	
ENG 312	Creative Writing: Screenwriting	
FMS 286	Writing Short Screenplays for Digital Cinema	
FTV 235	Filmmaking II	
FTV 221	Animation: History, Art, Industry & Culture	
FTV 236	The Aesthetics of Filmmaking	
FTV 238	Screenplay Fundamentals	
FTV 241	Sound Design	
FTV 435	Filmmaking III	
GAM 491	Internship in Game Design	
MUS 113	Popular Music Theory I	
MUS 213	Digital Composition of Popular Music	
MUS 220	Songwriting	
MUS 313	Digital Synthesis	
MUS 316	Digital Mixing and Mastering	
SPT 250	Introduction to the Business of Sports	
Total Credits		**55**

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GAM 310 Special Topics in Game Design must be taken twice with different topics to meet the requirement.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
CIS 200	Application Development with JavaScript	3
COM 105	Communication, Culture and Media	3
GAM 200	Game Design	3
GAM 100	Game & Interactive Media Forum	0
ART 150	Digital Foundations	3
	Semester Credit Hours	**15**
Spring Semester		
GAM 100	Game & Interactive Media Forum	0
GAM 150	Intro to Game Studies	3
GAM Elective		3
COM 131 or FTV 135	Fundamentals of Video Production or Filmmaking I	3
ART 106	Survey of Art History II	3
CMP 125	Seminar in Writing and Research	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
GAM 100	Game & Interactive Media Forum	0
GAM 201	Game Development I	3
Minor/Free Elective		3
Three General Education Courses		9
	Semester Credit Hours	**15**
Spring Semester		
GAM 100	Game & Interactive Media Forum	0
GAM 301	Game Development II	3
COM 302	Communication Ethics	3
One Minor/Free Elective Course		3
Two General Education Courses		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
GAM 100	Game & Interactive Media Forum	0
GAM 310	Special Topics in Game Design	3
GAM Elective		3
Two General Education Courses		6
One Minor/Free Elective Course		3
	Semester Credit Hours	**15**
Spring Semester		
GAM 310	Special Topics in Game Design	3
GAM 100	Game & Interactive Media Forum	0
GAM Elective		3
Two General Education Courses		6
Two Minor/Free Elective Courses		6
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
GAM 401	Game Workshop I	3
GAM 100	Game & Interactive Media Forum	0
Four Minor/Free Elective Courses		12
	Semester Credit Hours	**15**
Spring Semester		
GAM 402	Game Workshop II	3
GAM 100	Game & Interactive Media Forum	0
GAM elective credits		3
Two Minor/Free Elective Courses		6
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

ART 103 Fundamentals of Drawing 3 Credits
An intensive study of drawing techniques in charcoal, pencil, and pen and ink.

ART 106 Survey of Art History II 3 Credits
The history of Western art, architecture, sculpture, painting from the Renaissance to the present, emphasizing the relation between the arts and ideas of each period.

ART 150 Digital Foundations 3 Credits
Industry standard digital tools are used to explore the basic concepts of composition, form, texture, value, and color in two-dimensional design. Further consideration of digital formats and technologies in the visual arts will be highlighted.

CIS 200 Application Development with JavaScript 3 Credits
In the early 1990s, Tim Berners-Lee created a set of technologies to allow information sharing at the CERN particle accelerator in Europe. These technologies dramatically changed the face of computing and became what we know today as the Web. Understanding how to develop and manage applications for the Web is a requirement for the information system professional. Because of the ease of development, deployment, maintenance and general scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using HTML and CCS, how to control user interaction with those pages using the JavaScript programming language. The programming basics of variable declaration and usage, program flow of control, function declaration and calling, and object usage and declaration will also be shown. The use of the JQuery Javascript library to ease the development of Web pages will also be shown.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

ENG 312 Creative Writing: Screenwriting 3 Credits
A workshop teaching and analyzing how students write for the screen, both television and film, that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for production. A portfolio of revisions will serve as a final for the course.

ENG 381 Studies in Film Genre 3 Credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology. Note: This course is cross-listed as FMS 381. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that genres studied will rotate.

FMS 286 Writing Short Screenplays for Digital Cinema 3 Credits
Writing Short Screenplays for Digital Cinema will focus solely on the creation of a short screenplay for digital film. The course will ask that students conceive of and execute a viably producible screenplay, shooting script, and industry pitch for the modern market.

FTV 135 Filmmaking I 3 Credits
Filmmaking I introduces students to basic film and television production theories, techniques, and applications. Students will gain competency in a number of production areas including composition, lighting, filmic storytelling, sound, production planning and editing. As well as gaining practical production experience, students will also be introduced to basic art theory in relation to composition and visual storytelling.

FTV 235 Filmmaking II 3 Credits
This course will build on the basic technical proficiency gained in COM 135 as applied to narrative filmmaking. Working as individuals and in groups, students will develop skills in narrative cinematic storytelling, and gain a basic proficiency in filmmaking theory, techniques and applications. Students will gain competency in a number of production areas including idea generation and scripting, production planning, cinematography, lighting, sound and editing.
Prerequisite(s): FTV 135 or COM 131.

FTV 236 The Aesthetics of Filmmaking 3 Credits
Introduces general students (other than FTV majors or FMS minors) to a greater appreciation of film art and the various generic and artistic approaches adopted by noteworthy filmmakers through the course of film history. Through film viewing, class discussion, readings, essay writing and creative responses, students will learn how formal choices in cinematography, production and sound design, screenwriting, and acting shape cinematic themes and atmosphere, while forging viewer identification and eliciting emotional response. Among readings will be those on introductory film theory, key works of film criticism, interviews with filmmakers, and scholarship on the aesthetics and ideological underpinnings within various film genres and in the work of selected filmmakers.

FTV 435 Filmmaking III 3 Credits
This is an intensive hands-on course in advanced digital filmmaking. Students will gain proficiencies in a number of filmmaking areas including production planning, aesthetics, scripting, script breakdown, camera movement, selecting and directing talent, creating scenes and sequences, visualizing action, establishing mood and conflict, as well as advanced lighting, sound and digital editing techniques. The students' use of high definition digital imaging systems as a medium for narrative cinematography will be developed and refined. In addition, students will explore how filmmaking techniques and technology can impact the visual storytelling process. Students will work cooperatively in groups, modeling the interdependent structure of professional film crews. Throughout the class, there will be an important integration of theory and practice which will enable students to produce meaningful film projects that will not only be technically effective, but strong in content and context as well.
Prerequisite(s): FTV 235.

GAM 100 Game & Interactive Media Forum 0 Credits
Game & Interactive Media Forum is a once-per-month gathering of all Game majors from across the university's different Colleges. The forum will be an opportunity for students focusing on different backgrounds to engage together in industry-related topics and skills.

GAM 150 Intro to Game Studies 3 Credits
Intro to Game Studies surveys the history of video games and gaming culture against the social and political contexts that shape and are shaped by games.

GAM 200 Game Design 3 Credits
Game Design introduces students to the basic concepts of game design, covering game rules, iterations, and playtesting. Students will work with hands-on material to develop design techniques and instincts outside of digital work spaces.

GAM 201 Game Development I 3 Credits
Game Development I introduces students to industry-standard software and the basics of user experience and collaborative game design.
Prerequisite(s): ART 150, CIS 200 and GAM 200.

GAM 301 Game Development II 3 Credits
Game Development II extends students' knowledge of industry-standard software, building on GAM 201 and progressing toward advanced concepts of user experience and collaborative game design.
Prerequisite(s): GAM 201.

GAM 310 Special Topics in Game Design 3 Credits
Special Topics in Game Design applies students' knowledge of game design and the development software that helps them realize their design toward specific prototyping goals. The subject of GAM 310 will rotate each semester; GAM majors must complete two semesters of 310 without duplicating topics.
Prerequisite(s): GAM 200.

GAM 330 Soundtracks and Foley 3 Credits
Soundtracks and Foley covers dialog, music, and foley in filmic settings, with a specific focus on game environments.
Prerequisite(s): MUS 216.

GAM 401 Game Workshop I 3 Credits
Game Workshop I places students in multidisciplinary project teams. Each team will create a game prototype over the course of the semester that demonstrates each student's mastery of their area of specialization and the team's ability to work together.
Prerequisite(s): GAM 301.

GAM 402 Game Workshop II 3 Credits
Game Workshop II places students in multidisciplinary project teams and builds on skills developed in Game Workshop I.
Prerequisite(s): GAM 310.

GAM 491 Internship in Game Design 3-6 Credits
Internship in Game Design places students in industry work environments, overseen by a site supervisor.
Prerequisite(s): GAM 310.

MUS 113 Popular Music Theory I 3 Credits
Popular Music Theory I covers basic elements of music, including the reading of music notation in traditional formats as well as in audio wave form and in the visualization of standard Digital Audio Workstations. Practice in scales and chords; ear-training in rhythm, pitch, and timbre. Techniques may be applied to the student's own instrument (e.g., guitar, piano, voice)
Corequisite(s): MUS 113L.

MUS 213 Digital Composition of Popular Music 3 Credits
This course is an introduction to making music in a Digital Audio Workstation (DAW). Students learn software techniques by composing in multiple genre styles.

MUS 220 Songwriting 3 Credits
The Songwriting course is an introduction to songwriting in popular music styles. Students will learn to compose music by themselves and collaboratively. This course will develop comprehensive musicianship and compositional techniques, as well as further software skill development.
Prerequisite(s): MUS 113.

MUS 313 Digital Synthesis 3 Credits
This course continues with the software composition techniques begun in MUS 213. Students will create their own sounds through digital synthesis and incorporate those sounds into music composed in a variety of genre styles.
Prerequisite(s): MUS 213.

MUS 316 Digital Mixing and Mastering 3 Credits
Digital Mixing and Mastering is a practical skills class focusing on post-production skills in software interfaces. Students will learn how to work with multiple editing softwares and plug-in tools to achieve balanced, lively, professional mixes.
Prerequisite(s): MUS 216.

Gender and Sexuality Studies

Program Overview

The minor in gender and sexuality studies allows students to explore the complex interactions among race, class, ethnicity, gender, and sexuality. Courses consider current debates on some of the key issues such as reproductive rights, LGBTQ+ rights, and sex and gender in work, health, communication, and law. Students in this minor will benefit by furthering their understanding of how gender, race, class, ethnicity, and sexuality affect politics, economics, and the way that individuals think and act. The minor may be used as a complement to a degree in business, liberal arts, and the arts.

The Certificate in Gender and Sexuality Studies will include similar topics, including issues like pay equity, gender equality, and human rights, all of which are relevant in today's workplace and in our everyday lives. Individuals in fields as varied as law, medicine, social work, business, journalism, education, and the creative arts can benefit from and provide workplace leadership on their understanding of the roles gender and sexuality play in local and global society.

Degree Offered

- Minor in Gender and Sexuality Studies

Certificate Offered

- Certificate in Gender and Sexuality Studies

Contact

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Related Programs

- Baccalaureate Honors (p. 12)
- Biology (p. 83)
- Communication Studies (p. 114)
- Chinese (p. 110)
- Criminal Justice (p. 132)
- English (p. 227)
- History (p. 323)
- Management and Leadership (p. 372)
- Multicultural Studies (p. 403)
- Philosophy (p. 442)
- Popular Music Studies (p. 459)
- Political Science (p. 449)
- Psychology (p. 461)
- Sociology (p. 518)
- Spanish (p. 527)

Gender Studies Minor Requirements

(18 credits)

Code	Title	Credits
Required courses:		**6**
GSS 200	Introduction to Women's Studies	
GSS 400	Seminar in Transcultural Gender and Sexuality	
Select four courses below, at least two of which must have GSS prefixes:		**12**
GSS 100	Introduction to Gender Studies	
GSS 110	Race, Class and Gender in Contemporary American Society	
GSS 230	Women In Literature	
GSS 235	Current Feminist Issues	
GSS 240	Sex and Human Nature	
GSS 245	Popular Constructions of Gender and Sexuality	
GSS 300	Feminist Literary Criticism	
GSS 309	Women in American History	
GSS 310	Special Topics	
GSS 312	Gender, War and Peace	
GSS 313	Gender and Ethics	
GSS 318	Gender and Communication	
GSS 319	Gender and Sexuality in American History	
GSS 320	Sex, Gender, and Fairy Tales	
GSS 322	Witch Hunts: Femicide Through Centuries	
GSS 333	Gender and Sport	
GSS 350	Leadership and Community	
GSS 375	Transgender Narratives	
GSS 490	Independent Study: Research and Creative Expression	
GSS 491	Internship	
CHI 307	Images of Women in Chinese Literature and Film	
ENG 350	Sex and Sin in Early American Literature	
ENG 375	Literature and Sexuality	
HIS 249	Women in Europe from Antiquity to the French Revolution	

HIS 309	Women in American History
HIS 342	Women in East Asia
MCS 110	Race, Class and Gender in Contemporary American Society
MGT 320	Managing Workforce Diversity
PHL 230	Philosophy of the Sexes
POL 280	Sex & Gender in International Politics
POL 281	Sex & Gender in U.S. Politics
PSY 118	Psychology of Women
PSY 374	Psychology of the Family
PSY 381	Psychology of Gender
SOC 205	Families
SOC 304	Women and Law
SOC 312	Women in Society
SOC 316	Feminist Social Thought
Total Credits	**18**

Gender and Sexuality Studies Certificate Requirements

(12 credits)

Code	Title	Credits
Required Course:		
GSS 100	Introduction to Gender Studies	3
or GSS 200	Introduction to Women's Studies	
Select three courses from the list below, at least two of which must have GSS prefixes:		**9**
GSS 110/MCS 110	Race, Class and Gender in Contemporary American Society	
GSS 230	Women In Literature	
GSS 235	Current Feminist Issues	
GSS 240	Sex and Human Nature	
GSS 245	Popular Constructions of Gender and Sexuality	
GSS 300	Feminist Literary Criticism	
GSS 309	Women in American History	
GSS 310	Special Topics	
GSS 312	Gender, War and Peace	
GSS 313	Gender and Ethics	
GSS 318	Gender and Communication	
GSS 319	Gender and Sexuality in American History	
GSS 320	Sex, Gender, and Fairy Tales	
GSS 322	Witch Hunts: Femicide Through Centuries	
GSS 333	Gender and Sport	
GSS 350	Leadership and Community	
GSS 375	Transgender Narratives	
GSS 400	Seminar in Transcultural Gender and Sexuality	
GSS 490	Independent Study: Research and Creative Expression	
GSS 491	Internship	
CHI 307	Images of Women in Chinese Literature and Film	
ENG 350	Sex and Sin in Early American Literature	
ENG 375	Literature and Sexuality	
HIS 249	Women in Europe from Antiquity to the French Revolution	
HIS 309	Women in American History	
HIS 342	Women in East Asia	
MGT 320	Managing Workforce Diversity	
PHL 230	Philosophy of the Sexes	
POL 280	Sex & Gender in International Politics	
PSY 118	Psychology of Women	
PSY 374	Psychology of the Family	
PSY 381	Psychology of Gender	
SOC 205	Families	
SOC 304	Women and Law	
SOC 312	Women in Society	
SOC 316	Feminist Social Thought	
Additional Requirement for Certificate Completion:		
A 4-page reflection paper will be required for completion of the certificate which will relate course work to either the student's academic experience or their professional experience.		
Total Credits		**12**

Courses and Descriptions

CHI 307 Images of Women in Chinese Literature and Film 3 Credits
This course will introduce students to the (change of) status of women in China through literature and film. Students will explore the rich Chinese literary traditions and examine how the images of women are represented by both male and female writers/directors in fiction and film of different historical periods. In the process of such exploration and examination, students will also examine how the literary movements and their historical, social, cultural and political contexts shape, and are shaped by, each other. They will learn to understand how diverse the experiences of Chinese women are. While students will be exposed to both classic and modern/contemporary literary traditions, the focus will be on the latter, such as May 4th New Culture Movement, Maoist revolutionary literature, (Post-Mao) Wound/Scar Literature, Root-Searching Literature, etc. Classes are in English.

ENG 350 Sex and Sin in Early American Literature 3 Credits
A seminar on literature in the United States from its beginnings to 1800, emphasizing the changing and conflicted nature of religious beliefs and sexual identities in Early America. Students will read and analyze diverse literary genres including diaries, letters, essays, novels, short stories, poems, and sermons.

ENG 375 Literature and Sexuality 3 Credits
The study and application of theories of gender and sexuality in various periods of British and/or American literature. Possible course topics include the literature of AIDS, the literary history of sexuality, Gothic literature and sexuality, colonialism and desire, and sensibility and sexuality in the later 18th century.

GSS 100 Introduction to Gender Studies 3 Credits
An introduction to the role of gender in human experience, examining the biological, historical, literary, artistic, and institutional manifestations of gender, and exploring the intersections of gender, sex, and sexuality.

GSS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with MCS 110. Students may only get credit for one course: MCS 110 or GSS 110.

GSS 200 Introduction to Women's Studies 3 Credits
An interdisciplinary investigation of traditional and contemporary gender roles, and of women's status, identity, and potential. Required for minor.

GSS 230 Women In Literature 3 Credits
A range of literary presentations of the female experience and of the conditions of women's lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions. Cross-listed with ENG 230.

GSS 235 Current Feminist Issues 3 Credits
This course examines historical and contemporary debates about controversial issues involving women, gender, and equality. The course will highlight feminist concerns with race, class, sexuality, and gender norms, focusing broadly on society, culture, the economy, politics, and law. Students will learn to contextualize, analyze, and evaluate arguments on multiple sides of these controversies.

GSS 240 Sex and Human Nature 3 Credits
This course provides an introduction to the scientific study of human sexual behavior, mate choice, and reproduction. Questions of interest include: How is sex determined? How are males, females, and intersex individuals different biologically? How do individuals' sexual strategies tend to differ? Why do we experience sexual jealousy? Are humans actually evolved to form long-term pair-bonds? What determines sexual orientation? Answers to these questions will be considered in light of the reproductive science of humans and our evolutionary ancestors.

GSS 245 Popular Constructions of Gender and Sexuality 3 Credits
This course takes an interdisciplinary approach to investigate the constructs that society creates and maintains with relation to sexuality and gender. As we are increasingly confronted with images of gender and sexuality, it becomes vital to interrogate the origins of these images from a variety of disciplinary perspectives in order to analyze and critique these constructs. Students will be introduced to theoretical approaches to analyzing popular constructs of gender and sexuality from a variety of areas, including (but not limited to) the humanities, the physical sciences, and the social sciences.

GSS 300 Feminist Literary Criticism 3 Credits
This seminar explores the diversity within feminist literary analysis. Various national, ethnic and cultural standpoints are represented and the different as well as the common assumptions within feminist thought will be discussed.

GSS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

GSS 310 Special Topics 3 Credits
Studies in specialized areas of feminist scholarship. Topics change according to instructor and are listed in the course roster.
Prerequisite: one previous course in gender and sexuality studies or permission of instructor.

GSS 312 Gender, War and Peace 3 Credits
Through readings in literature, history, political science, philosophy, and psychology, the course will explore critically the myths linking feminine gender with pacifism and masculine gender with aggression. Various perspectives on peace and war, the history of peace movements, and women's as well as men's participation in war will be considered.

GSS 313 Gender and Ethics 3 Credits
An interdisciplinary seminar involving a concentrated study of recent works in feminist theory, with special attention to issues such as: Do men and women have different ethical perspectives and different styles of moral reasoning? How do the "ethics of care" differ from the traditional "ethics of justice?" Can the models of justice and care be integrated into a more comprehensive theory?.

GSS 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

GSS 319 Gender and Sexuality in American History 3 Credits
What makes a man, exactly, and what makes a woman? What kinds of sex are normal, and what kinds are abnormal? Who decides, and why? The answers to these questions are not fixed. Throughout American history, popular understandings of gender and sexual norms evolved in close relationship with the political, economic, racial, and social dictates of the time. This course will trace the evolution of ideas on sec and gender from the 18th century to the present using various historical sources including fiction and film, particular attention will be given to analyzing dominant models of proper behavior and the complex relationships of power enmeshed within them.

GSS 320 Sex, Gender, and Fairy Tales 3 Credits
From the early literary fairy tale by Italian authors, to 17th-century French women writers who named and popularized the genre, to the 18th- and 19th-century stories geared toward children, to Disney and beyond, students will analyze fairy tales to see what they tell us about gender and sexuality historically and today. Students will read classic fairy tales from around the world and look at feminist and queer retellings, examining how fairy tale themes and motifs permeate our culture.
Prerequisites: CMP 125 or BHP 150.

GSS 322 Witch Hunts: Femicide Through Centuries 3 Credits
We will look at the perceived definitions of "witch" and "witchcraft" in relation to establishing medieval to modern gender codes. Our detailed study of perceptions of witches and their practices will reveal the power dynamics, social constructions and definitions that aided in the demise of countless women labeled as "witches" throughout history. Considerable time will be spent in exploring the internal controversy within the field of witchcraft studies regarding the use of words such as "genocide," "femicide," and "gendercide.".

GSS 333 Gender and Sport 3 Credits
Typical thoughts of sport include ticket prices, player salaries, team rosters, and league standings; rarely is it viewed from a gender perspective. This course will go beyond the examination of Title IX to better understand the relationship between masculinity, femininity and sports. This course will examine various aspects of gender and sport, including media and gender representation, race and ethnicity, drugs and violence, men and masculinities, sexualities, policy and politics, the feminist critique of sport, the initiation rites and hazing in college sports, sports wagering, and the internationalization of sport, including but not limited to the Olympics and Paralympics.

GSS 350 Leadership and Community 3 Credits
Designed for all students whose future plans include community service, organizing, and leadership, this course will study organizing in response to domestic violence, discrimination on the basis of gender and sexuality, sexual harassment, and other issues that are significant for women and/or the LGBTQ community. Building coalitions, skills for leadership, and strategies for effective organization will be covered in readings and in class discussions and students will practice what they have learned by volunteering in a local nonprofit organization.

GSS 375 Transgender Narratives 3 Credits
An introduction for Gender and Sexuality Studies minors and other interested students to the interdisciplinary field of transgender studies. Students will learn to distinguish between transsexual, transgender, transvestite, and intersex identities; to explore cross-cultural gender diversity; to recognize diverse subcultural expressions of gender, such as cross-dressing, camp, and drag; to identify long-standing stereotypes about trans people; and to understand trans people's narratives about hormonal or surgical gender transition through literary and multimedia genres.

GSS 400 Seminar in Transcultural Gender and Sexuality 3 Credits
This seminar offers an opportunity for upper-level students to engage in a multidisciplinary study of the constructions of gender and sexuality in a variety of cultural contexts across the globe. Topics change according to instructor. Required for minor.
Prerequisite(s): Junior or senior standing.

GSS 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

GSS 491 Internship 1-4 Credits

HIS 249 Women in Europe from Antiquity to the French Revolution 3 Credits
Traces the history of women in Europe from Rome to the French Revolution, covering the religious, social, political, and economic context in which women participated. Also offers a brief overview of theories and issues in women's history and gender history.

HIS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

HIS 342 Women in East Asia 3 Credits
Treats the history of the relationship between women and society in traditional East Asia and the modern transformation of their relationship.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 280 Sex & Gender in International Politics 3 Credits
What's a student of political science, International Relations (IR), or another social science field to do about feminism? This is a question that has troubled IR for decades. While feminist debates engaged people in spaces outside the disciplines of political science and particularly IR, IR scholars did their best not to see the relevance of feminism for their own debates. That did not stop some feminists from rethinking key IR concepts like power, race and the state, but such contributions were largely ignored by IR scholars until very recently. It was only in the last decades, when feminist questions pushed their way onto the IR agenda through books, journals, and conferences, that feminism suddenly seemed attractive to IR scholars. Designed as an interdisciplinary course with a strong reference to Global and International Politics, this course will provide a basic introduction to some of the major global questions as seen through a feminist lens.

PSY 118 Psychology of Women 3 Credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 304 Women and Law 3 Credits
Explores the social, economic, political and cultural context of laws relating to women and gender, such as workplace discrimination, divorce and child custody and reproductive rights. It examines how such laws have changed historically and the impact such laws have had on women as well as on men and on American social institutions, such as the family, politics, and the workplace. The course also examines women in the legal profession and their impact on the practice of law and legal reasoning.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 316 Feminist Social Thought 3 Credits
An introduction to feminist social theory, with emphasis on its breadth and variety. Special attention paid to the ways feminist theorists have analyzed the relationship of gender to other kinds of group differences.
Prerequisite(s): SOC 101.

General Business for Non-business Majors

Program Overview

Available to all non-business majors, the General Business minor at Rider University provides students an understanding of the language and basic concepts of business. A minor in business administration can complement any major and may expand career opportunities. Students outside of the CBA can augment their understanding of business by joining business clubs, such as DAARSTOC (http://www.rider.edu/academics/colleges-schools/college-business-administration/clubs-organizations/daarstoc/), and participate in club events like the Accounting Society's guest speakers' nights.

Curriculum Overview

Students will learn foundational knowledge in business, including the fundamentals of economics and core concepts in financial accounting, management, finance and marketing. In addition, students will understand the legal environment in which business operates.

Degree Awarded:

- Minor in General Business

Contact

Lan Nygren, Ph.D.
Associate Dean
Sweigart Hall 217
609-895-5533
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Program Website: www.rider.edu/generalbusiness (http://www.rider.edu/generalbusiness/)
Associated Department: Norm Brodsky College of Business (p. 570)

General Business Minor Requirements

Available to all non-business majors

(24 credits)

Code	Title	Credits
MSD 105	Quantitative Methods for Business	3
or MTH 102	Finite Mathematics	
or MTH 105	Algebra and Trigonometry	
or MTH 210	Calculus I	
Select one of the following:		3
MSD 205	Business Statistics	
MTH 120	Introduction to Applied Statistics	
ENV 200	Statistical and Computer Applications in the Natural Sciences	
PSY 201	Statistics and Research Design	
BNS 250	Biostatistics	
MTH 340	Probability & Statistical Analysis I	
ACC 210	Introduction to Accounting	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
BUS 300	The Legal and Ethical Environment of Business	3
FIN 220	Introduction to Finance	3
Total Credits		**24**

A minimum of six courses must be taken in business administration and students must achieve a minimum GPA of 2.0 in the minor.

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

BUS 300 The Legal and Ethical Environment of Business 3 Credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered.
Prerequisite(s): 54 credits.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

MTH 120 Introduction to Applied Statistics 3 Credits
Collection and presentation of data. Measures of location and variation, sampling theory, hypothesis testing, confidence intervals, t-tests, chi-square tests, regression, and correlation. Emphasizes practical applications. Not open to business administration, chemistry, environmental, geosciences, marine sciences, math or liberal studies: marine ecological or environmental emphasis majors.
Prerequisite(s): MTH 102 or MTH 105.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of “C” in PSY 105.

General Studies A.A.

Program Overview

This 60 credit program has been designed to provide both breadth and sufficient depth in the liberal arts at the associate degree (A.A.) level. Only 12 semester hours are allowed to be taken outside of the College of Arts and Sciences.

Students whose long-range goal is a bachelor’s degree should consult with an advisor in the Continuing Education Program to determine the transferability of this program to one of the baccalaureate degrees offered by Rider.

Curriculum Overview

The flexible curriculum is designed to enable students to choose from a myriad of academic disciplines. Choosing an emphasis or concentrated area of study allows students to explore a specific discipline in depth.

Admissions Requirement

- Official transcripts from all institutions attended with a minimum 2.5 cumulative GPA

Degree Offered

- A.A. in General Studies

Contact

Brooke Hunter, PhD.
Associate Dean
College of Arts and Sciences
Lynch Adler Hall, 117
609-896-5378
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Program Website: A.A. in General Studies (http://www.rider.edu/academics/colleges-schools/college-continuing-studies/programs-offerings/)

General Studies A.A. Program Requirements

(60 credits)

Code	Title	Credits
Liberal Studies Core		
LIB 200	Intro to Liberal Studies [1]	3
Basic Core		
CMP 120	Seminar in Writing and Rhetoric	3
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
Quantitative Course Elective [2]		3-4
Information technology [3]		3
Areas of Knowledge (p. 1150)		
Select courses from the Areas of Knowledge to complete the credit requirements for the Perspectives as shown below:		
Historical Perspective		6
Artistic and Intellectual Perspective		6
Contemporary Perspective		6
Natural World		3-4
Emphasis		
Students select a concentrated area of study from a liberal arts department. An appropriate introductory course from a department may be included. Students are encouraged to consult the CAS Dean's Office to select an emphasis		15
Free Electives		
Free elective hours may be taken in any department, provided the student meets any prerequisites and requirements imposed by the department offering the course.		6
Total Credits		**60-62**

1

LIB 200 is waived for students who transfer 30 or more credits in Liberal Arts. A free elective will be added.

2

The quantitative skills requirement can be met by successfully completing one course in college-level mathematics or statistics. For students who don't transfer such a course to Rider, popular offerings include MTH 102 Finite Mathematics, MSD 104 Intro to Quantitative Methods, MSD 105 Quantitative Methods for Business, MSD 205 Business Statistics, BDA 201 Introduction to Business Analytics, POL 230 Methods of Political Analysis, PSY 105 Introduction to Research in Psychology, PSY 201 Statistics and Research Design, or another mathematics course approved by an advisor.

3

The information technology requirement may be fulfilled by completing CIS 185 Information Systems Essentials. Students who possess sufficient computer experience can gain credit for CIS 185 through assessment (http://www.rider.edu/sites/default/files/docs/Credit_for_CIS_185.pdf).

Courses and Descriptions

CMP 120 Seminar in Writing and Rhetoric 3 Credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum. **Prerequisite**(s): CMP 120 or BHP 100.

LIB 200 Intro to Liberal Studies 3 Credits
Introduces students to the various perspectives and methods of the disciplines in liberal studies: natural and social sciences, humanities, and the arts. Students learn the multifaceted questions and answers offered by each discipline. They study the historical development of the university and the rise and transformation of liberal studies disciplines.

Geology

Program Overview

The Geology major prepares students for meaningful and productive post-baccalaureate employment and/or admission to high-quality graduate programs. The program incorporates a broad and challenging curriculum, which emphasizes and investigates many of the important geologic sub-disciplines including rock-forming mechanisms and controls, deformational and tectonic processes, the weathering and erosion of geologic materials, the transport and deposition of derived sediments and the physical and biological history of Earth.

Curriculum Overview

The curriculum for this major focuses on the interdisciplinary nature of geology by offering a broad and challenging selection of courses including geology, chemistry, and physics. Upper-level courses address the essential sub-disciplines of geology to prepare students for graduate study as well as employment opportunities. All geology students will participate in extensive laboratory and fieldwork in their courses, allowing

students to apply their conceptual and technical skills learning. In the third or fourth year of study, all students attend an approved, senior-level geology field camp where they learn additional fundamental field, technical, and mapping skills, and how to professionally apply and integrate what they learn in their individual courses to complex, real-world geologic problems. Geology students are encouraged to take advantage of the many opportunities to engage in independent research in collaboration with the GEMS faculty.

Student Learning Outcomes

Graduates of the geology major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in geology.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Geology

Graduation with honors in Geology is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the program is by invitation from the faculty of the Department of Earth and Chemical Sciences. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degree Offered

- B.S. in Geology

Contact

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Program Website: Geology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/geology/)

Department Website: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/geo-environmental-marine-sciences/)

Related Programs:

- Earth and Environmental Sciences (p. 195)
- Earth Sciences (p. 198) (for Secondary Education majors)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Marine Sciences (p. 380)

Geology Major Requirements

(64-65 credits)

Code	Title	Credits
Geological, Environmental, and Marine Sciences		
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 205	Introduction to Geographic Information Systems	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	4
GEO 310 & 310L	Structural Geology and Structural Geology Lab	4
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	4
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	4
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	4
Approved geology field camp (not offered at Rider with a minimum of 3 credits)		3
Chemistry		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Physics		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Mathematics		
Select one of the following:		
MTH 105	Algebra and Trigonometry	4
or MTH 210	Calculus I	
Electives		
Select two of the following:		6-7
ENV 220	Weather and Climate Change	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 168	Mesozoic Ruling Reptiles	
MAR 340	Marine Processes and Environments: Seminar	
Total Credits		**64-65**

Notes:

1. A minor in chemistry, physics, or marine sciences is strongly recommended.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
HIS 150	World History to 1500	3
	Semester Credit Hours	**14**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
HIS 151	World History Since 1500	3
Social Perspective Course		3
Foreign Language		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	4
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Select one of the following:		**3-4**
ENV 220	Weather and Climate Change	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
Philosophical Perspectives Course		3
Aesthetic Perspectives: Literature Course		3
Aesthetic Perspectives: Fine Arts Course		3
	Semester Credit Hours	**16-17**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
ENV 205	Introduction to Geographic Information Systems	3
Select one of the following:		**3**
MAR 340	Marine Processes and Environments: Seminar	
GEO 168	Mesozoic Ruling Reptiles	
Social Perspectives Course		3
One Elective Course [2]		3
	Semester Credit Hours	**16**
Spring Semester		
Select two of the following:		**8**
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
HIS 151	World History Since 1500	3
One Elective Course		3
	Semester Credit Hours	**14**
Summer Semester		
Attendance at an approved Geology Field Camp		3-6
	Semester Credit Hours	**3-6**
Year 4		
Fall Semester		
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	4
Two Elective Courses [2]		6
	Semester Credit Hours	**14**
Spring Semester		
Select one of the following:		4
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
Three Elective Courses [2]		9
	Semester Credit Hours	**13**
	Total Credit Hours for Graduation	**121-125**

Courses and Descriptions

CHE 120 Principles of Chemistry 3 Credits

For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.

Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 168 Mesozoic Ruling Reptiles 3 Credits
This course provides an introduction to the vertebrate groups that dominated the land (Dinosaurs), the seas (Mosasaurs, Plesiosaurs, Pliosaurs, Tylosaurs, and Ichthyosaurs) and the skies (Pterosaurs, Pterdactyls) during the Mesozoic Era (65-250 million years ago). Students study the diversity of skeletal architectures and their reconstructed function and the often controversial, inferred anatomy, physiology, reproductive strategy, habit, and social behaviors of these animals that are different from mainstream reptiles, birds, and mammals. They also learn about the paleogeographical, and paleoclimatological conditions that facilitated the evolutionary rise to dominance and diversification of these vertebrate groups and the debated causes of their eventual extinction. These topics also serve to illustrate how the scientific approach works and how competing hypotheses are evaluated. Three hours of lecture per week. Weekend field trips may be required.. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 308 Mineralogy and Petrology 4 Credits
This course examines the origin, evolution, and distribution of igneous and metamorphic rocks based on mineralogy, chemistry, and tectonic relationships. Mineral content and rock texture are used to identify and classify igneous and metamorphic rocks. The physical and chemical properties of these rocks are used to understand their tectonic setting, process of formation, and pressure-temperature conditions.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 308L Mineralogy and Petrology Lab 0 Credits
This is the laboratory course that accompanies GEO 308. Laboratory work consists of the identification of mineral and rock hand specimens. Microscopic analyses include the identification and interpretation of optical properties of minerals and rock textures. Field trips provide opportunities for students to examine outcrops of igneous and metamorphic rocks.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 310 Structural Geology 4 Credits
The origin, distinguishing characteristics, and geographic distribution of deformational structures of the Earth's crust. In the laboratory, GPS, GIS, geologic maps, and three-dimensional problems are used in the study of typical surface and subsurface geologic problems. Three hours of lecture and one three-hour lab per week. Weekday and/or weekend field trips may be required. Prerequisite(s): GEO 100 or GEO 113, GEO 102.
Corequisite(s): GEO 310L.

GEO 310L Structural Geology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 310.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

MAR 120 Oceanography 3 Credits
In this course, students will investigate the geological, chemical, physical, and biological processes that shape the ocean. Emphasis will be placed on how these processes interact with each other and with human populations. These interactions influence important global phenomena that impact all our lives, including weather and climate, the distribution of marine organisms and other natural resources, and coastal processes. Understanding these phenomena will enable students to make more informed decisions and contribute to serious global marine issues. Students will learn through a combination of hands-on exercises designed to foster a deeper understanding of the scientific content as well as the scientific process, practical experiences with real data, readings, and some lectures. CLAS general education areas addressed: DP & GP.

MAR 121 Introductory Oceanography Lab 1 Credits
This lab course introduces students to the fundamental aspects of geological, chemical, physical and biological oceanography. Students learn through inquiry-based, hands-on exercises and activities using actual data collected in the lab and in the field. Independent projects and local field trips during lab and on weekends may be required. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): MAR 120 or GLS 120 or as prerequisite(s).

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 210L Marine Life through Time Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequisite(s): MAR 210.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 340 Marine Processes and Environments: Seminar 3 Credits
This course is designed as a seminar course. Therefore, students will learn to lead class discussions, to analyze and critique peer-reviewed journal articles, and to enhance their presentation skills. Students will interpret graphical, spatial, and numerical data to support their positions. Content will emphasize the interactions among marine processes, biological features, and geologic landforms.
Prerequisite(s): MAR 120 or GEO 100; GEO 306.

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212.
Corequisite(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week.
Corequisite(s): PHY 100.

Global Supply Chain Management

Program Overview

Rider's award-winning global supply chain management program prepares students for one of the most in-demand specializations in today's business world.

Consistently honored as one of the top curriculums of its kind in the nation by research firm Gartner Inc., the GSCM program equips students with the skills and experiences needed for a career in the exciting field of global supply chain management.

Through every phase of a product's life cycle, global supply chain management professionals ensure that customers get the products and services they need and want — faster, better and more cost-effectively — from across town or around the world. They play a critical role to the successful functioning of businesses, healthcare, nonprofit agencies and governments.

Student Learning Outcomes

At the completion of the Global Supply Chain (GSC) Management degree, a GSC major will demonstrate the ability to:

- Apply knowledge of the components of global supply chains to address real world supply chain management (SCM) trade-offs and management problems.
- Develop appropriate SCM operating strategies.
- Recognize how organizations operate to comply with regional and international governing laws and cultural norms that affect the conduct of business.
- Develop SCM policies and procedures based on research.
- Apply SCM methods and concepts to real world problems through experience acquired in a required co-op or internship in SCM.

Curriculum Overview

Rider's interdisciplinary global supply chain management program combines theory and practice with hands-on internship and mentoring experiences to provide students with an understanding of the important role of supply chain management in domestic and international business.

Faculty include professors with expertise in supply chain management and logistics, information systems, marketing, international business and management science, as well as supply chain professionals from private industry and non-profits. Students learn the many dimensions of supply chain networks that businesses use to acquire, produce, and

deliver goods and services across the global marketplace. They also gain skills that prepare them for success in this fast-growing field

Degree Offered

- B.S.B.A. in Global Supply Chain Management

Certificates Offered

- Certificate in Global Supply Chain Management
- Certificate in Supply Chain Analytics

Concentration Offered

- Concentration in Supply Chain Analytics

Contact

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Program Website: www.rider.edu/gscm (http://www.rider.edu/gscm/)
Associated Department: Department of Information Systems, Analytics, and Supply Chain Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/info-systems-analytics-supply-chain/)

Related Programs

- Business Analytics (p. 97)
- International Business (p. 344)
- Management and Leadership (p. 372)

Global Supply Chain Management Major Requirements

(33 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
Required Courses		
GSC 115	Introduction to Global Supply Chain Mgt.	3
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	3
GSC 345	Customer Focus: The Customer Driven Supply Chain	3
GSC 355	Supply Chain Internal Focus: Firm Operations	3
GSC 445	Supply Chain Strategy and Design	3
GSC 399	GSC Co-op Program [1]	6
Major Electives		
Select two of the following:		6
BDA 205	Introduction to Visual Data Analytics [3]	
Any 300-level and above Business Data Analytics (BDA) course		
CIS 200	Application Development with JavaScript [3]	
Any 300-level and above Computer Information Systems (CIS) course except CIS 385		
ECO 305	Internatl Trade and Investment	
ENT 375	International Entrepreneurship	
FIN 308	International Finance	
GSC 290	Strategic Sourcing and Procurement	
GSC 490	Independent Study: Research and Creative Expression	
MGT 375	International Management	
MKT 250	Retailing Management [3]	
MKT 260	Service Marketing [3]	
Any 300-level and above Marketing (MKT) course		
International Business Elective		
Select one of the following:		3
ECO 305	Internatl Trade and Investment	
ENT 375	International Entrepreneurship	
FIN 308	International Finance	
MGT 375	International Management	
MKT 330	International Marketing	
Business Analytics and Technology Requirement		**3**
GSC 385	Management Information Systems for Global Supply Chain Management [2]	
Total Credits		**33**

1

Students majoring in Global Supply Chain Management are required to take a 6-credit co-op OR a 3-credit Internship and a 3-credit business elective.

2

Students majoring in Global Supply Chain Management may not take CIS 385 Management Information Systems.

3

Students majoring in Global Supply Chain Management may take a maximum of one 200 level BDA, CIS or MKT course to count as a GSC Major Elective.

Students must achieve a grade of at least "C-" in each of the major courses with a minimum GPA of 2.0 in the major.

Global Supply Chain Certificate (p. 296)
Supply Chain Analytics Certificate (p. 297)

Global Supply Chain Certificate

(9 credits)

Overview

The Global Supply Chain Certificate (GSCC), housed within the Global Supply Chain Program, is a certificate-bearing program that is open to all undergraduate students in the Norm Brodsky College of Business and in the College of Liberal Arts and Sciences (except GSC majors)[1]. The GSCC is designed to complement students' major areas of study with relevant content from the supply chain discipline. In professional practice, supply chain management requires a high degree of interaction and collaboration with other major corporate functions. Managers in Finance, Marketing, Accounting, Human Resources and other functions need to understand and are often expected to work closely with corporate supply chain colleagues. The GSCC will provide students with the knowledge and skills to be effective in these cross-functional, interdisciplinary roles

while the credential will provide differentiation and advantage in their job search.

Requirements

Upon successful completion of the requirements listed below, students will obtain a Global Supply Chain Analytics Certificate upon graduation from Rider. All GSCC participants must successfully complete and achieve grades of C- or better in each of three courses they take to complete the certificate, as described below:

Code	Title	Credits
Required Course for Certificate:		**3**
GSC 115	Introduction to Global Supply Chain Mgt.	
Choose 2 of the following:		**6**
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	
GSC 290	Strategic Sourcing and Procurement	
GSC 345	Customer Focus: The Customer Driven Supply Chain	
GSC 355	Supply Chain Internal Focus: Firm Operations	
Total Credits		**9**

[1]The GSC Certificate is open to and intended for all students except GSC majors.

Contact

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Program Website: www.rider.edu/gscm (http://www.rider.edu/gscm/)

Supply Chain Analytics Certificate

(9 credits)

Overview

The Supply Chain Analytics Certificate (SCAC) will be available to all GSC Certificate students in the Norm Brodsky College of Business. Students who exhibit strong technical skills and/or interest in analytic methods will be particularly encouraged to consider the SCA Certificate. Thus, this certificate offers an advanced “analytics study option” for GSC Certificate students.

The SCAC provides a meaningful and externally recognizable analytics credential for students without requiring the full effort of completing a major in Business Data Analytics (BDA), which requires the completion of six courses in the major. The credential will help these students differentiate themselves from peers at Rider and other universities as they compete for positions in the field of supply chain management.

Requirements

The SCAC is open to all Global Supply Chain (GSC) Certificate students in the Norm Brodsky College of Business. Upon successful completion of the requirements listed below, students will obtain a Supply Chain Analytics Certificate upon graduation from Rider.

The SCA Certificate is only awarded to students who have also completed the GSC Certificate. Students can work on both the SCA and GSC Certificates concurrently. However, the SCA Certificate will only be awarded upon the successful completion of the requirements for both the GSC Certificate and SCA Certificate by a student.

All SCAC participants must successfully complete and achieve grades of C- or better in each of three courses they take to complete the certificate, as described below:

Code	Title	Credits
Required Courses:		**6**
BDA 205	Introduction to Visual Data Analytics	
BDA 355	Business Analytics with Python	
Select one of the following:		**3**
CIS 330	Database Systems	
or CIS 360	Data Mining	
Total Credits		**9**

Supply Chain Analytics Concentration Requirements

(9 credits)

The SCA Concentration is open to all GSC Majors in the Norm Brodsky College of Business. Upon successful completion of the requirements listed below, students will obtain a Supply Chain Analytics Concentration upon graduation from Rider.

The SCA Concentration is only awarded to students who have also completed the GSC Major. Students can and are expected to work on both the SCA Concentration and the GSC Major concurrently. However, the SCA Concentration will only be awarded upon the successful completion of the requirements for both the GSC Major and SCA Concentration by a student.

All SCA Concentration participants must successfully complete and achieve grades of C- or better in each of three courses they take to complete the concentration, as described below:

Code	Title	Credits
Required Courses:		**6**
BDA 205	Introduction to Visual Data Analytics	
BDA 355	Business Analytics with Python	
Select one of the following:		**3**
CIS 330	Database Systems	
or CIS 360	Data Mining	
Total Credits		**9**

Contact

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Program Website: www.rider.edu/gscm (http://www.rider.edu/gscm/)
Associated Department: Department of Information Systems, Analytics, and Supply Chain Management (https://www.rider.edu/academics/

colleges-schools/norm-brodsky-college-business/departments/info-systems-analytics-supply-chain/)

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
GSC 115	Introduction to Global Supply Chain Mgt.	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics [2]	3
Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	3
Liberal Arts Elective 2 [3]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
FIN 220	Introduction to Finance	3
GSC 345	Customer Focus: The Customer Driven Supply Chain	3
GSC 385	Management Information Systems for Global Supply Chain Management	3
MSD 301	Operations Management	3
Liberal Arts Elective 3 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 300	The Legal and Ethical Environment of Business	3
GSC 355	Supply Chain Internal Focus: Firm Operations	3
Free Elective		3
Leadership Elective		3
Liberal Arts Elective 4 [3]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
GSC 491	GSC Internship	3
International Business Elective for GSC Major [4]		3
GSC Major Elective [5]		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
GSC 445	Supply Chain Strategy and Design	3
GSC Major Elective [5]		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 CIS 185 and CBA 110 can be taken in the Fall or Spring of year 1.

2 Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3 Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4 Students are required to complete 6 credits of International Business Electives, which for GSC majors will be fulfilled as major courses.

5 Students are required to complete 6 credits of GSC Major Electives. See the listing of GSC Major Electives on the Major Requirements page.

Notes:

- Business Honors students will have a different sequence.
- The above plan assumes no AP or other credits were transferred into Rider University.
- This plan assumes the student is taking a 3-credit GSC 491 Internship plus a 3-credit elective. GSCM majors can instead take a 6-credit GSC 399 Co-op. GSCM majors who choose the co-op option may have a different 4 year sequence of courses.
- For the Leadership Elective, choose from LDP 398 Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning Through MOB, MGT 355 Team Management, or MGT 363 Management Skills.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
GSC 115	Introduction to Global Supply Chain Mgt.	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**3**
Spring Semester		
CIS 185	Information Systems Essentials [1]	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective 2 [3]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	3
GSC 385	Management Information Systems for Global Supply Chain Management	3
Free Elective		3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
GSC 345	Customer Focus: The Customer Driven Supply Chain	3
GSC 355	Supply Chain Internal Focus: Firm Operations	3
GSC 491	GSC Internship	3
GSC Major Elective [5]		3
GSC Major International Business Elective [4]		3
	Semester Credit Hours	**18**
JTerm		
Liberal Arts Elective 3 [3]		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
GSC 445	Supply Chain Strategy and Design	3
GSC Major Elective [5]		3
Free Elective		3
Liberal Arts Elective 4 [3]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 (http://catalog.rider.edu/search/?P=MSD%20104) Intro to Quantitative Methods based on placement. MSD 104 (http://catalog.rider.edu/search/?P=MSD%20104) counts as a 3-credit Free Elective.

3

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4

Students are required to take 6 credits of International Business Electives which can be fulfilled as major courses or as free elective courses.

5

Students are required to complete 6 credits of GSC Major electives. See the listing of GSC Major Electives on the Major Requirements page.

Notes:

- The above plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- This plan assumes the student is taking a 3-credit GSC 491 Internship plus a 3-credit elective. GSCM majors can instead take a 6-credit GSC 399 Co-op. GSCM majors who choose the co-op option may have a different 3 year sequence of courses.

- For the Leadership Elective, choose from LDP 398 Co-op Experience Seminar,LDP 200 Foundations of Leadership, LDP 220 Service Learning Through MOB, MGT 355 Team Management, or MGT 363 Management Skills.

Courses and Descriptions

GSC 115 Introduction to Global Supply Chain Mgt. 3 Credits
This course introduces students to components of global supply chains and issues of managing the global supply chain. It is designed as a survey course to give first or second year business students a general view of supply chain management at both domestic and international levels, as well as familiarize them with basic concepts and major challenges of supply chain management. Delivery of course material will include lectures and guest speakers from industry, and in-class logistics mini cases.

GSC 235 Supply Chain External Focus: Customer and Supplier Logistics 3 Credits
This course is a detailed discussion of some of the major issues and components of supply chain management that are mainly external to an organization. In other words, it provides an "outward looking" perspective of supply chain management. Topics to be covered include sourcing, procurement, transportation, customer logistics, and distribution. The linkages to internal issues and components of supply chain will be made.
Prerequisite(s): GSC 115.

GSC 290 Strategic Sourcing and Procurement 3 Credits
Sourcing and procurement are vital components of a well-functioning and efficient supply chain. Obtaining raw materials, components, finished and semi-finished goods, critical technology, and essential services from different suppliers and countries with different languages, currencies, legal and cultural norms is a complex and risky task and made essential due to the value of these activities to the bottom-line of any global business today. Additionally, globalization raises issues involving not just costs but reliability, quality, credibility, product safety, product liability, and related social, ethical, governance, and environmental impact. In this course, students will learn and apply the concepts, principles, and techniques required to manage the sourcing process effectively. Topics include purchasing, outsourcing, materials management, inventory management, forecasting, price and cost analysis, transportation analysis, supplier selection, negotiation strategies, auctions, and legal framework. Students will apply the concepts covered in lectures, articles, case study analysis, a team project, and discussions. Additionally, a special component of this course will include participating in a multi-week real world procurement simulation where students will have an opportunity to interact in a purchasing process with senior industry procurement executives. The simulation will both teach and allow students to participate in developing and implementing bidding and negotiating strategies in real world vendor-customer relationships. Sophomore standing or higher.
Prerequisite(s): at least one of the following courses: ACC 210, or ECO 200, or ECO 201, or GSC 115.

GSC 315 International Business Tour 3 Credits

GSC 345 Customer Focus: The Customer Driven Supply Chain 3 Credits
Marketing and supply chain management programs are concerned with the creation and delivery of value to customers and organizations. No longer simply the domain of the warehouse manager or logistics director, supply chain management is viewed by most companies as a mission critical element. Marketing focuses on developing an understanding of customers and markets, creating products and services based on that understanding, and communicating and delivering the value added. This course will teach the student the essential role of marketing in all aspects of successful supply chain management - relationship management, technological and financial management - and it will help the student understand the structure, functions, principles and methods employed in discovering and translating consumer needs and wants into product and service specifications, and then transferring these goods and services from producers to consumers or end users.
Prerequisite(s): GSC 115 and MKT 200.

GSC 355 Supply Chain Internal Focus: Firm Operations 3 Credits
This course is a detailed discussion of some of the major issues and components of supply chain management that are mainly internal to an organization. In other words, it provides an "inward looking" perspective of supply chain management. Topics to be covered include: manufacturing, quality, product design, inventory, and warehousing. The linkages to external issues and components of supply chain will be made.
Prerequisite(s): GSC 115 and MSD 301.

GSC 375 Adv.Sem in Global Outsourcing 3 Credits
The course is aimed at generating a comprehensive understanding of the emergent domain of global business process outsourcing. Variously referred to as knowledge process outsourcing, IT-enabled services outsourcing, and business services outsourcing, the industry has seen enormous growth over the last decade and continues to grow. India commands the single largest share of this market but South Africa, Eastern Europe, Philippines, Morocco and Egypt have all emerged as other contenders in this global sector. The course is divided into four modules: the political economy of global outsourcing, process modeling, outsourcing management, and industry analysis. Please note: Students will not receive credit for both CIS 375 and GSC 375.
Prerequisite(s): junior standing.

GSC 385 Management Information Systems for Global Supply Chain Management 3 Credits
The purpose of this junior level management information systems course is to prepare students for today's dynamic business environment by increasing their understanding of IT-enabled global information processing and management. This course has a specific emphasis on the impact and effective utilization of information systems and technology for the global supply chain. Students will gain a solid understanding of the value of business process integration through a combination of conceptual learning, business process analysis, and collaborative decision-making. This will be facilitated through hands-on experience with SAP ERP and analytical software as well as Microsoft Excel.
GSC 385 is required for the Global Supply Chain Management major and can fulfill the CIS 385 requirement for all business majors. Please note: Students will not receive credit for both GSC 385 and CIS 385 without prior approval by the Dean's office.
Prerequisite(s): CIS 185 and junior standing.

GSC 399 GSC Co-op Program 6 Credits
The co-op program provides students with an opportunity to work full-time in an organization and apply what they have learned in their global supply chain and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first-step before they hire full-time employees. Eligible students include junior and senior global supply chain management majors with a minimum GPA of 3.0. The six credits are intended to be used as business electives, but it is also possible for them to be used as a combination of business and free electives.
Prerequisite(s): GSC 115 plus one additional course within the global supply chain management major, and permission of instructor.

GSC 445 Supply Chain Strategy and Design 3 Credits
This course introduces the student to the concepts and techniques necessary to design and operate global supply chains. It covers some of the strategic issues of managing a global supply chain and emphasizes the importance of understanding the organization, its value chain, industry, competitors, suppliers, and customers in a global framework. The course covers various strategies as well as different supply chain design models and approaches for efficient and effective supply chain operation.
Prerequisite(s): GSC 235 and GSC 355.

GSC 490 The GSC Consulting Elective 3 Credits

This is a special topics Independent Research and Study course. A Global Supply Chain professor will supervise a semester long project in which a team of students completes a consulting project for one or more local firms. The consulting project, which will be determined by the GSC faculty and local firm(s), provides valuable experience for students on the team as they perform analysis of important supply chain and logistics problems that a local firm must address. The work includes analytic and research activities, and culminates in a recommendation on how the firm should address the logistics/supply chain issues that it had engaged the student team to evaluate. This experience also provides valuable lessons on how to work with clients, and how to develop and make presentations to effectively communicate recommendations.

Prerequisite(s): GSC 115 and permission of instructor.

GSC 491 GSC Internship 3 Credits
The Global Supply Chain Management (GSCM) Program formally sponsors an internship in global supply chain management. The intention of the course is to supplement theoretical foundations and other material introduced in the classroom with an opportunity to work in a sponsoring organization. Through the internship experience, the student will get a chance to see how supply chains are managed and will get a chance to apply supply chain concepts for themselves. If used in place of the co-op, internship credits will count toward GSCM major requirements, but can also be used as a business or free elective.
Prerequisite(s): GSC 115 plus one additional course within the GSCM major, and permission of instructor.

Graphic Design

Program Overview

Graphic design majors gain experience and develop skills in the field of visual communication. Through a blend of coursework and hands-on experience in digital studios and labs, students learn to become critical thinkers and creative designers. The program prepares them to successfully design graphics for branding, such as logos, and for professional publications such as brochures, magazines and newsletters. In their capstone courses, students have the opportunity to manage projects with real clients and create professional portfolios.

Students often work one-on-one with distinguished faculty who have extensive scholarly knowledge and professional experience in their fields of expertise. Student media organizations include the Graphic Design Club (https://linktr.ee/ridergraphicdesign/), the Public Relations Student Society of America (https://instagram.com/prssarider/), and award-winning media including The Rider News (https://www.theridernews.com), 107.7 The Bronc (https://www.1077thebronc.com) radio station, and Rider University Network R.U.N. TV (http://runetwork.weebly.com), each of which gives students a chance to practice their profession right on campus.

A thriving internship and co-op program routinely offers academic credit and professional experience in a number of prestigious locations.

Curriculum Overview

Classes in the graphic design major include color theory, typography, graphic imaging for digital media, history and principles of graphic design, digital publication design, writing for the professions, photography, project management, and advanced publication design and portfolio.

Recommended courses include art and society, drawing, fundamentals of painting, printmaking, web design, 3D graphic animation, and others.

Degree Offered

- B.A. in Graphic Design
- Minor in Graphic Design

Contact

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Program Website: Graphic Design (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/graphic-design/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs:

- Web Design (p. 561)
- Social Media Strategies (p. 512)
- Game & Interactive Media Design (p. 280)
- Public Relations (p. 482)
- Communication Studies (p. 114)
- Journalism (p. 346)
- Radio and Podcasting (p. 493)
- Sports Media (p. 538)

Graphic Design Major Requirements

(48 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core		**21**
COM 105	Communication, Culture and Media	
COM 106	Writing for the Communication Professions	
COM 131	Fundamentals of Video Production	
COM 204	Advanced Speech Communication	
COM 264	Digital Media: Theory and Practice	
COM 301	Communication Law	
COM 302	Communication Ethics	
Graphic Design Major		**27**
COM 202	Color Theory	
COM 212	Digital Publication Design	
COM 213	Typography	
COM 262	Graphic Imaging for Digital Media	
COM 263	History and Principles of Graphic Design	
COM 360	Advanced Publication Design and Presentation	
COM 361	Photography	
COM 366	Project Management in Graphic Design	
COM 462	Advanced Graphic Design and Portfolio	
Recommended courses:		
ART 103	Fundamentals of Drawing	
ART 120	Art and Society	
ART 204	Fundamentals of Painting	
ART 230	Three-Dimensional Design	
ART 304	Drawing II	
ART 305	Intermediate Painting A-B-C	
ART 335	Printmaking	
COM 261	Introduction to Web Design	
COM 265	3D Graphic Animation	
COM 363	Converging Digital Media	
COM 364	Web Design II	
COM 365	Graphic Animation	
COM 460	Web Design III	
Total Credits		**48**

Notes:

1. Students may not carry a double major within the department. Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.
2. If a student receives a grade lower than "C" in a course required in a major or minor within the department, the student must repeat the course. Credit will only be awarded once for a course that is repeatable. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Graphic Design Minor Requirements

(18 credits)

Code	Title	Credits
COM 212	Digital Publication Design	3
COM 262	Graphic Imaging for Digital Media	3
or COM 361	Photography	
COM 263	History and Principles of Graphic Design	3
COM 360	Advanced Publication Design and Presentation	3
COM 366	Project Management in Graphic Design	3
COM 462	Advanced Graphic Design and Portfolio	3
Total Credits		**18**

Notes:

1. Communication and Journalism majors may declare only one minor in the department. No more than two courses may be used to met the requirements for both a major and a minor in the department.

   Exception: If a student elects the Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor within the department.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 105	Communication, Culture and Media	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
Social Perspectives		3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 263	History and Principles of Graphic Design	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language		3
Scientific Perspectives		3
	Semester Credit Hours	**15**

Spring Semester		
COM 202	Color Theory	3
COM 212	Digital Publication Design	3
COM 264	Digital Media: Theory and Practice	3
Aesthethic Perspectives: Literature		3
Philosophical Perspectives		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 106	Writing for the Communication Professions	3
COM 204	Advanced Speech Communication	3
COM 213	Typography	3
COM 262	Graphic Imaging for Digital Media	3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 301	Communication Law	3
COM 360	Advanced Publication Design and Presentation	3
COM 361	Photography	3
Elective Course Credits		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 366	Project Management in Graphic Design	3
Elective Course Credits		9
	Semester Credit Hours	**15**
Spring Semester		
COM 462	Advanced Graphic Design and Portfolio	3
Elective Course Credits		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance -- that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/ instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements. **Prerequisite**(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Health Administration

Program Overview

The Health Administration minor recognizes the diversity of skills required in the health care sector, and allows students from a variety of programs to minor in health care administration. Majors particularly well-suited to health administration are:

- **Sciences** (biology, chemistry, biochemistry, psychology)
- **Social sciences** (economics, sociology, social work, political science)
- **Business** (marketing, management, business administration, human resources management, business economics, finance, actuarial science, and information systems).

Classes include a diversity of student majors, which allows science, social science and business students to interact and learn alternative points of view. The health administration minor, combined with other initiatives of the integrated science and business curriculum at Rider, places graduates at a strong advantage in the employment marketplace.

Minor Offered

- Minor in Health Administration

Contact

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kmccarthy@rider.edu

Program Website: www.rider.edu/healthadmin (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/finance-economics-dept/healthcare-management/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)
Accreditation: Association to Advance Collegiate Schools of Business (http://www.aacsb.edu/)

Related Programs

- Health Care Management (p. 314)

Health Administration Minor Program Requirements

(21-24 credits)

Code	Title	Credits
HTH 205	Introduction to Health Care	3
HTH 336/ECO 336	Economics of Health Care System	3
Select one of the following:		3
HTH 450	Seminar in Health Research	
or ECO 450	Seminar in Economic Research	
HTH 491	Health Management Internship	
Select three of the following:		9
HTH 225	Health Care Financing	
HTH 315/BUS 315	Health Care Law, Ethics and Policy	
HTH 365	Health Care Information Systems	
BIO 206	The Pharmaceutical Industry	
COM 254	Intro to Health Communication	
HTH 215	Population Health Care Management	
PHL 304	Medical Ethics	
SOC 346	Health Care and Society	
GLS 325	Global Perspectives on Health and Illness	
MKT 380	Health Care Marketing	
PSY 345	Health Psychology	
Select one of the following:		3
BIO 100	Life Science	
BIO 110	Life Science: Inquiry Approach	
BIO 115	Principles of Biology I	
BIO 221	Human Anatomy & Physiology I	
BNS 107	Life Science: Brain and Behavior	
CHE 115	Chemistry & Society	
CHE 118	Exploration of Chemical Principles	
CHE 120	Principles of Chemistry	
PSY 220	Psychological Disorders	
PSY 365	Drugs and Human Behavior	
PSY 374	Psychology of the Family	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
Non-business majors must select one of the following:		**0-3**
MGT 201	Fund Management & Org Behavior	
MKT 200	Marketing Principles	
Total Credits		**21-24**

Courses and Descriptions

BHP 309 Course BHP 309 Not Found Credits

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

CHE 118 Exploration of Chemical Principles 4 Credits
A one-semester introduction to the principles of chemical sciences. Students will utilize inquiry-based learning methods to examine contextual problems as a means to explore introductory models and concepts of chemistry. Students will also gain an understanding of how scientific models are used to explain experimental observations. The laboratory component of this course is designed to provide students with an experimental context within which to develop some of the models described in the classroom. Three hours of lecture and one three-hour lab per week.

CHE 118L Exploration of Chemical Principles Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 118.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

HTH 450 Seminar in Health Research 3 Credits
Students in the course learn to conduct health administration-related research by engaging in an actual community-based research project. At the beginning of the semester, students are assigned to a health-related community-based organization. As a team, students meet with the client, devise a plan of action, collect and analyze data and other information, and write a report to the client. At the end of the semester, students present their findings to the client.
Prerequisite(s): Permission of instructor.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

Health Care Management

Program Overview

The B.S.B.A. in Health Care Management allows students to learn the business of health care – and prepare for a career in America's fastest growing sector. This program allows students to earn a well-rounded business degree from Rider's distinguished AACSB-accredited Norm Brodsky College of Business, hone their business skills and focus on health care management studies, explore different roles in the complex issues facing health care and benefit from ongoing advice and support from professionally well-connected and experienced faculty.

Student Learning Outcomes

A health care management graduate will demonstrate the ability to:

- Synthesize the major sectors in the US Health Care System and define jargon in health care administration to communicate with professionals.
- Apply knowledge of the health care system and the economic and policy environment to a real-world situation.
- Analyze the constraints and incentives facing an organization based on its placement within the health care sector.
- Analyze the effect of policies or economic factors on health care outcomes.
- Communicate effectively through strong written skills.
- Demonstrate oral communication skills.

Curriculum Overview

The curriculum provides a core education in business combined with critical topics in health care management. The program is designed to provide students with an understanding of both the business and health fields, including a deeper grasp of the legal, ethical, economic, social and managerial issues related to health care.

Faculty include professors with expertise in economics, finance, information systems, law, and marketing.

The courses are designed to provide real-world experiences and the program offers students the opportunity to learn through required participation in one of the following: a semester-long internship, large-data group project for a client and health care marketing courses where students design their own marketing plans.

Degree Offered

- B.S.B.A. in Health Care Management

Contact

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Program Website: http://www.rider.edu/hcm (http://www.rider.edu/hcm/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)
Accreditation: Association to Advance Collegiate Schools of Business (http://www.aacsb.edu/)

Related Programs

- Health Administration (p. 311)

Heath Care Management Major Requirements

(21 credits)

Code	Title	Credits
Required Courses [1]		
HTH 205	Introduction to Health Care	3
ECO 336	Economics of Health Care Sys	3
HTH 215	Population Health Care Management	3
HTH 315	Health Care Law, Ethics and Policy	3
HTH 225	Health Care Financing	3
HTH 365	Health Care Information Systems	3
One class from the following:		**3**
HTH 450	Seminar in Health Research	
HTH 491	Health Management Internship	
MKT 380	Health Care Marketing	
Total Credits		**21**

1

HTH 201 Excel for Healthcare Management and Administration is a recommended free elective for Health Care majors.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2 [3]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
FIN 220	Introduction to Finance	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
HTH 205	Introduction to Health Care	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
HTH 215	Population Health Care Management	3
International Bus Elective (HTH 367) [4]		3
Liberal Arts Elective 3 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
ECO 336	Economics of Health Care Sys	3
HTH 225	Health Care Financing	3
MSD 301	Operations Management	3
Liberal Arts Elective 4 [3]		3
Free Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
HTH 491	Health Management Internship [5]	3
Leadership Elective (CBA 368)		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HTH 315 or BUS 315	Health Care Law, Ethics and Policy or Health Care Law, Ethics & Policy	3
HTH 365	Health Care Information Systems	3
International Business Elective [4]		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 and CBA 110 can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

5

Must complete one of the following Health Care Mgmt electives: HTH 450 Seminar in Economic Research, HTH 491 Health Management Internship, or MKT 380 Health Care Marketing.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective 3		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
HTH 205	Introduction to Health Care	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
ECO 336	Economics of Health Care Sys	3
HTH 225	Health Care Financing	3
International Business Elective		3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
HTH 215	Population Health Care Management	3
Liberal Arts Elective 4		3
International Business Elective		3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HTH 315 or BUS 315	Health Care Law, Ethics and Policy or Health Care Law, Ethics & Policy	3
HTH 365	Health Care Information Systems	3
HTH 491	Health Management Internship	3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Notes:

- The above plan assumes no AP or other credits were transferred into Rider University.
- Students are required to take 6 credits of International Business Electives.
- Business Honors students will have a different sequence.
- Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.
- Students may be required to take MSD 104 (http://catalog.rider.edu/search/?P=MSD%20104) Intro to Quantitative Methods based on placement. MSD 104 (http://catalog.rider.edu/search/?P=MSD%20104) counts as a 3-credit Free Elective.
- For the Leadership Elective, choose from LDP 200 Foundations of Leadership, LDP 220 Service Learning Through Minding Our Bus, LDP 398 The Co-op Experience Seminar, MGT 355 Team Management, or MGT 363 Management Skills.

Courses and Course Descriptions

BUS 315 Health Care Law, Ethics & Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system.
Prerequisite(s): 24 credits.

ECO 336 Economics of Health Care Sys 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomic tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.
Prerequisite(s): ECO 201 or HTH 205.

HTH 201 Excel for Healthcare Management and Administration 1 Credits
This course is a refresher on Excel designed to fill gaps in knowledge and application of skills for students who are preparing for their internships. Students will review the essentials of Microsoft Excel. Within seven weeks, students will learn to expertly navigate the Excel user interface, perform basic calculations with formulas and functions, professionally format spreadsheets, and create visualizations of data through charts and graphs. This course will provide students with a practical hands-on opportunity that is designed for students to gain the skills necessary to proficiently create pivot tables, analyze data, utilize more advanced Excel data tools, and interpret statistical results.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 225 Health Care Financing 3 Credits
The goals of this course are: (1) to provide a description of how Americans pay for health care; (2) to explain how payment arrangements affect the health care system; and (3) to evaluate newly emerging arrangements. Specifically, we will focus on insurance (both public and private) in the United States, provider payment reform, the incentives of the parties in these arrangements and how these incentives impact cost containment in health care.
Prerequisite(s): HTH 205 and sophomore standing.

HTH 365 Health Care Information Systems 3 Credits
The Electronic Health Record (EHR) is one of the most complex technological projects ever undertaken. EHR involves the shared management, potentially on a global scale, of a variety of private, time-sensitive, multimedia data across activities including capture, processing, storage and access. The purpose of this course is to provide the future Health Administration professional with specifics of the socio-technical issues involved in this effort. The goals of this course are to study data standards used in modern EHR systems, technology platforms used to implement EHR in various types of organizations, data governance and regulations associated with health data, analytics that support quality of care and evidence-based practice.
Prerequisite(s): HTH 205; CIS 385 or GSC 385; HTH 215 or CIS 360; and junior standing.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

HTH 450 Seminar in Health Research 3 Credits
Students in the course learn to conduct health administration-related research by engaging in an actual community-based research project. At the beginning of the semester, students are assigned to a health-related community-based organization. As a team, students meet with the client, devise a plan of action, collect and analyze data and other information, and write a report to the client. At the end of the semester, students present their findings to the client.
Prerequisite(s): Permission of instructor.

HTH 490 Independent Study in Health Admin 3 Credits
An independent study in health administration allows a student to conduct an in-depth exploration of a topic in health administration under the supervision of a faculty member. The project helps develop a student's research and written skills.
Prerequisite(s): JR or SR standing, Permission of Instructor.

Health Communication

Program Overview

There is an increasing need for greater awareness and knowledge of health communication. Health care reform, end-of-life care, and pharmaceutical marketing are just a few of the issues facing the nation that are dependent upon the ability to engage in productive, meaningful health communication. Effective health communication can directly impact local communities and personal lives. The individuals who participate in health care delivery, such as nurses, patient advocates,

family members, health administrators, and physicians, are increasingly being asked to communicate and collaborate more efficiently with colleagues, exchange information with patients, and address multiple audiences about health care.

A minor in health communication allows students to analyze different health contexts and accommodate increasingly diverse populations. Students can also learn about a symbiotic patient-provider relationship and the impact of technology in health care.

The health communication minor includes a curriculum of theory, research and application, focusing on health issues in the interpersonal, organizational, public, and mass-mediated contexts. The study of health communication can contribute to health promotion in areas such as patient-family communication, public health messages and campaigns, health in mass media, public health, and technology and health. This minor is designed to be a program for students from a wide variety of majors who may seek careers within health fields.

Degree Offered

- Minor in Health Communication

Contact

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Program Website: Health Communication (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/health-communication-minor/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Journalism (p. 346)
- Public Relations (p. 482)
- Health Care Management (p. 314)
- Allied Health Studies (p. 32)
- Health Sciences (p. 319)

Health Communication Minor Requirements

(25 credits)

Code	Title	Credits
Any course in life science (such as BIO 106 Life Science: Human Disease)		3
COM 251	Interpersonal Communication	3
COM 254	Intro to Health Communication	3
HTH 205	Introduction to Health Care	3
COM 312	Special Topics in Journalistic Writing	3
Select two of the following:		6
BIO 206	The Pharmaceutical Industry	
HTH 215	Population Health Care Management	
PHL 304	Medical Ethics	
HTH 315/BUS 315	Health Care Law, Ethics and Policy	
HTH 336/ECO 336	Economics of Health Care System	
GLS 325	Global Perspectives on Health and Illness	
MKT 380	Health Care Marketing	
Select one of the following:		4
COM 490	Independent Study: Research and Creative Expression	
COM 491	Internship in Communication	
BIO 490	Independent Study: Research and Creative Expression	
BIO 491	Internship in Biology	
Total Credits		**25**

Coures and Descriptions

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BIO 491 Internship in Biology 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation. 2.5 GPA required.
Prerequisite(s): Permission of the instructor.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

GLS 325 Global Perspectives on Health and Illness 3 Credits
Explores the different international perspectives on health and illness. Themes include how men, women, and children in respective civilizations are treated and viewed within their communities or nations, as they become ill. Particular attention is given to the contrast between various types of traditional healing and Western medical practices, and their interactions. Discussions will also compare the usefulness of national versus international health agencies in dealing with global health problems.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

Health Sciences

Program Overview

The Health Sciences major educates the next generation of health professionals by providing students with a foundation in the life sciences and other coursework, preparing them to join the workforce or to attend professional or graduate schools in health-related fields. Rider achieves this through small class and laboratory sizes allowing direct, hands-on instruction, and faculty accessibility. Students also have opportunities to do research with faculty via work study or independent study. Each student is assigned a faculty advisor who provides academic advice and career guidance tailored to the student's needs. The program is designed to provide a strong foundation in its curriculum while allowing flexibility for subsequent studies in allied health programs such as physical

therapy, athletic training, occupational therapy, nursing, radiological science, optometry, podiatry, epidemiology and public health. It prepares students for graduate studies leading to advanced degrees in the life sciences; and for entry-level positions in hospitals, health insurance, pharmaceutical sales, community health agencies and other related areas.

Graduates of the health sciences program have pursued their professional or graduate studies at prestigious institutions such as Rutgers University, Moravian University, Emory University, University of Utah, NY College of Medicine, Thomas Jefferson University, Widener University, among others.

Curriculum Overview

The curriculum for Health Sciences majors is structured to prepare students for a life of learning in the sciences. Students are expected to master content, develop technical skills, analytical skills and competency in oral and written communication. Foundational courses in biology, chemistry, mathematics and psychology prepare students for the rigor of upper-level science and math courses, complemented by a broad base of health-related coursework in other disciplines. Capstone experiences allow students to explore one area of the life sciences in depth through internships and seminars, as well as opportunities to engage in independent research with Rider's science faculty. Students also have the opportunity to take part in a three-week internship course through the Capital Health System Hospitals.

Student Learning Outcomes

Graduates of the Health Sciences major will be able to:

1. Explain foundational concepts in biological sciences.
2. Apply scientific methods of inquiry through testing of newly formed hypotheses with observation and experimentation.
3. Apply concepts from other disciplines in the analysis and interpretation of biological information.
4. Demonstrate the ability to locate, critically analyze, and communicate relevant scientific information.
5. Explain the ethical practice of scientific research and its societal applications.

Honors Programs

Honors in Health Sciences

The objective of the honors program in health sciences is to introduce talented undergraduate majors to the methods of basic research in the biological sciences. For consideration a student must have a 3.25 average at the end of their junior year. In the senior year, participating students must complete an independent research project and present a written honors thesis. At graduation, a student who has a 3.25 cumulative average, a 3.5 average in health sciences coursework, and who has completed an acceptable honors thesis will be awarded Honors in Health Sciences.

Beta Beta Beta Biological Honor Society

"Tri-Beta" is a national honor society affiliated with the American Association for Advancement of Science and the American Institute of Biological Sciences. Invitations for membership are extended to majors in the life sciences who have demonstrated superior academic achievement. Students are usually invited to join in their sophomore year when they have accumulated 12 credits in the sciences. Active membership is available to those with an overall grade point average of at least 2.8, and at least 3.0 in their science courses. The benefits of membership include academic recognition; a subscription to the journal *Bios*, to which members may submit research articles; opportunities to present papers at conventions; and research awards. Biology and behavioral neuroscience majors should make membership in *Tri-Beta* one of their goals.

Degree Offered

- B.S. in Health Science

Contact

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School of Science, Technology and Mathematics
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Program Website: Health Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/health-sciences/)

Associated Department: Health Sciences & Nursing

Related Programs

- Behavioral Neuroscience (p. 49)
- Biochemistry (p. 79)
- Biology (p. 83)
- Chemistry (p. 104)
- Environmental Sciences (p. 246)
- Exercise Science (p. 263)
- Marine Sciences (p. 380)
- Mathematics (p. 399)

Requirements for the Major

Course Repeat Policy (p. 322)
(64-68 credits)

Code	Title	Credits
Biology		**16**
Complete the following courses:		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab [1]	
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab [1]	
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	
Chemistry		**8**
Complete one of the following course sequences:		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	

OR

CHE 110 & 110L	Survey of General Chemistry and Survey of Gen Chemistry Lab	
CHE 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Lab	
Mathematics		**8-10**
Complete the following courses:		
MTH 105	Algebra and Trigonometry [2,3]	
BNS 250 & 250L	Biostatistics and Biostatistics Lab	
or PSY 105 & PSY 201	Introduction to Research in Psychology and Statistics and Research Design	
Psychology		**6**
Complete the following courses:		
PSY 100	Introduction to Psychology	
PSY 345	Health Psychology	
Category 1 Electives		**6-8**
Select two or more of the following courses:		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab [4]	
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
or PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
or PHY 201 & 201L	General Physics II and General Physics II Lab	
BIO 206	The Pharmaceutical Industry	
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	
PSY 220	Clinical Psychology and Mental Health	
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
Category 2 Electives		**8**
Select two or more of the following courses:		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Vertebrate Physiology and Vertebrate Physiology Lab	
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	
HSC 302 & 302L	Kinesiology and Kinesiology Lab	
Category 3 Electives		**9**
Select three or more of the following courses:		
COM 240	Public Relations	
COM 254	Intro to Health Communication	
GLS 325	Global Perspectives on Health and Illness	
or NUR 407	Cultural Diversity in a Global Society	
HSC 100	Intro to Human Nutrition	
HSC 150	Introduction to Public Health	
HSC 200	Environmental Health & Human Health	
HSC 250	Introduction to Epidemiology	
HTH 205	Introduction to Health Care	
HTH 215	Population Health Care Management	
NUR 402	Scholarship in Evidence-Based Practice	
NUR 403	Information Management and Application of Patient Care Technology	
NUR 404	Healthcare Policy, Finance, and Regulatory Environments	
NUR 405	Interprofessional Collaboration and Communication for Improving Healthcare Outcomes	
PHL 304	Medical Ethics [5]	
or BHP 309	Course BHP 309 Not Found	
SOC 346	Health Care and Society	
Senior Capstone		**3**
Select one of the following:		
HSC 490	Independent Study: Research and Creative Expression	
or HSC 491	Internship in Health Sciences	
Total Credits:		**64-68**

1

Students must earn a grade of "C" or better in these courses in order to meet the major requirement and before enrolling in upper-level courses for which these courses are prerequisites.

2

Students must complete MTH 105 or higher.

3

Students must place into MTH 105 or a higher level mathematics course in order to register for BIO 115/BIO 115L and BIO 116/BIO 116L.

4

BCH 225/BCH 225L cannot be counted as both a Chemistry requirement and Category 1 Elective.

5

PHL 304 may also be used to satisfy the CAS Philosophical Perspectives core requirement.

Department of Biology, Behavioral Neuroscience, and Health Sciences Course Repeat Policy

The following guidelines apply to courses offered by the Department of Biology, Behavioral Neuroscience, and Health Sciences. Students may repeat any biology (BIO), behavioral neuroscience (BNS), health sciences (HSC) or exercise science (EXS) course **once** without special permission unless they received an unsatisfactory grade (C-, D, F). With an unsatisfactory grade, students need permission from the dean's office to repeat a class. They can not register on their own on myRider. Students should email casdean@rider.edu and the department chair to request permission to repeat a course. A course will be considered repeated if the student has previously earned a letter grade in the course, or if the student has previously withdrawn from the course after the Friday of the seventh week of classes (previously Withdrawal II or Withdrawal III). To take a biology, behavioral neuroscience, health science, or exercise science course for a third time, written permission must be obtained from the dean's office and the department chair before the registrar will allow the student to enroll in that course.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
MTH 105	Algebra and Trigonometry [1]	4
PSY 100	Introduction to Psychology	3
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**14**
Spring Semester		
HSC 105	Introduction to Health Professions	1
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CMP 125	Seminar in Writing and Research	3
HSC Category 3 Elective #1 of 3		3
Social Perspectives		3
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab [2]	4
CHE 120 & 120 or CHE 110 ***and*** CHE 110L	Principles of Chemistry or Survey of General Chemistry ***and*** Survey of Gen Chemistry Lab	4
Foreign Language		3
Social Perspectives		3
	Semester Credit Hours	**14**
Spring Semester		
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
CHE 122 & CHE 123 or CHE 225 ***and*** CHE 225L	Intro to Chemical Systems or Introduction to Organic and Biochemistry ***and*** Introduction to Organic and Biochemistry Lab	4
HSC 100	Course HSC 100 Not Found	3
Foreign Language		3
	Semester Credit Hours	**14**
Year 3		
Fall Semester		
BNS 250 & 250L	Biostatistics and Biostatistics Lab	4
HSC Category 1 Elective #1 of 2		3
HSC Category 2 elective with lab, #1 of 2		4
Social Perspectives		3
HIS 150	World History to 1500	3
	Semester Credit Hours	**17**
Spring Semester		
HSC 302 & 302L	Kinesiology and Course HSC 302L Not Found	4
HSC Category 2 elective with lab, #2 of 2		4
PSY 345	Health Psychology	3
HIS 151	World History Since 1500	3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
HSC 490 or HSC 491	Independent Study: Research and Creative Expression or Internship in Health Sciences	3
Four Elective Courses [3]		12
	Semester Credit Hours	**15**
Spring Semester		
Aesthetic Perspectives: Fine Arts		3
Four Elective Courses [3]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2 Scientific Perspectives general education requirements are included in major.

3 Elective credits may be used to complete requirements in a second major or minor.

HSC 102 Medical Terminology 1 Credits
Medical terminology is the study of the principles of medical word building to help the student develop extensive medical vocabulary used in health care occupations. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole.
Prerequisite(s): Permission of instructor.

HSC 105 Introduction to Health Professions 1 Credits
Course Description: This course will provide a basic overview of the health science professions including but not limited to: athletic training, clinical exercise physiology & cardiac rehabilitation, chiropractic, physician assistant, occupational therapy, nursing, community health education specialist, and physical therapy. The course will also cover the professional activities (i.e. professional organizations, certifications, professional issues, and professional liabilities) that are related to these professional applications.

HSC 110 Introduction to Human Nutrition 3 Credits
This course is designed to offer the student an understanding of fundamental human nutrition concepts including, but not limited to, digestion, absorption, metabolism, functions, and sources of macronutrients and micronutrients. The theme of the course will align with human health and disease states and the important conceptions about the food industry and its relation to healthy dietetic choices.

HSC 150 Introduction to Public Health 3 Credits
Public Health is the science of protecting, promoting, and improving the health of people and the communities where they live, learn, work, and play. Students will gain an understanding of the history and functions of public health, strategies and methods used in public health research, and the determinants of health.

HSC 200 Environmental Health & Human Health 3 Credits
The health of any individual is a function of both our genetics and environmental factors. Environmental factors most broadly defined include the air we breathe, the water we drink and the food we eat. This course will focus on numerous examples of how bacteria, viruses, and exposure to environmental chemicals result in human diseases. Examples range from failures in public health infrastructure (cholera, diphtheria, river blindness, etc), failures to vaccinate (polio, measles, hepatitis, etc) and chemical exposures (birth defects, cancer, etc). There is also much known about how diet and nutrition can prevent diseases.
Prerequisite(s): BIO 10X Life Science course or any biology laboratory course or BIO 115 or 116 or 117.

HSC 210 Nutrition for Exercise and Physical Activity 3 Credits
An introductory exploration of evidence based nutritional theory and applications in sport and exercise.
Prerequisite(s): HSC 100 with a minimum grade of D or BCH 225 with a minimum grade of D.

HSC 250 Introduction to Epidemiology 3 Credits
Epidemiology is the study of distribution and determinants of defects, disease, and injury in human populations and the application of that study to assess the magnitude of health problems and the result of interventions designed to control them. This course is designed to introduce students to the basic principles, methods, and uses of epidemiology to better understand and characterize health and disease at a population level. The role of epidemiological evidence in planning and evaluation will be also be explored.
Prerequisite(s): MTH 102 or higher OR MSD 105 or higher OR POI.

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI.
Corequisite: HSC 303.

HSC 303 Kinesiology Lab 1 Credits
This lab is a co-requisite and must be taken with HSC 302.
Corequisites: HSC 302.

HSC 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in health science-related research. The student learns to organize material, use relevant medical/scientific literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

HSC 491 Internship in Health Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty member and should include keeping a journal of activities, a term paper or project report and an oral or poster presentation.
Prerequisite(s): 2.5 GPA required.

History

Program Overview

History allows us to understand ourselves and others and our shared world by exploring and analyzing the entire range of human experience. The study of history encompasses both the study of the record of the past and the discipline of investigating and interpreting the past. It develops critical habits of mind, provides training in the analysis and synthesis of evidence, and hones skills in effective communication both orally and in writing. The history major is an excellent preparation for careers in law, government, journalism, business, and the non-profit sector, as well as in public history and education at all levels. For more on jobs for history majors, consult the American Historical Association website at: https://www.historians.org/jobs-and-professional-development/career-resources/careers-for-history-majors (https://www.historians.org/jobs-and-professional-development/career-resources/careers-for-history-majors/)

Curriculum Overview

Rider University history students complete an innovative program that exposes them to the history of major world cultures as well as the United States. Students take seminars in their first semester, in their fourth or fifth semester, and in their senior year. Each seminar is capped at 16 students in order to foster deep personal engagement of students and faculty and to allow for individual development of analytical, research, and writing skills. For the senior capstone, students produce a substantial work of original research in the senior seminar or in an

Independent Study with a faculty mentor. Students also select from a range of topical courses drawing on faculty expertise in the history of Africa and the African diaspora, Latin America and the Caribbean, East Asia, South Asia and the Middle East, classical, medieval, early modern and modern Europe, as well as colonial America and the history of the United States in all periods. In addition, the department offers clusters of courses on women's history and the history of gender and sexuality, and on environmental history. Students can also explore history outside of the classroom through our internship program, which allows them to earn course credit while working in archives, museums, and historic sites.

Degree Offered

- B.A. in History

Contact

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Program Website: History (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/history/)

Related Programs:

- Arts and Entertainment Industries Management (p. 39)
- Elementary Education (p. 155)
- Secondary Education (p. 54)
- Political Science (p. 449)

History Major Requirements

(36-39 credits)

Code	Title	Credits
Category I: History Seminars		**6-9**
Select 6-9 credits from the following:		
HIS 160	Seminar in History [1]	
HIS 260	Craft of History (may be repeated for Category III credit with a different topic)	
HIS 460	Research Seminar	
Category II: U.S. and European Surveys		**6-9**
Select at least one course in U.S. history and one course in European history. Education students are strongly encouraged to take both U.S. surveys as well as one European survey.		
Note: Students who select only 2 courses (6 credits) in Category II must take 8 courses (24 credits) in Category III.		
HIS 180	U.S. History I	
or HIS 181	U.S. History II	
HIS 190	Europe to 1715	
or HIS 191	Europe Since 1715	
Category III: History Electives		**21-24**
Students who select two courses (6 credits) in Category II must select eight courses (24 credits) in Category III. Students who select three courses (9 credits) in Category II must select seven courses (21 credits) in Category III.		

At least two Category III courses (6 credits) must be at the 200 level and two courses (6 credits) at the 300 level. The remaining courses can include HIS 152 or HIS 153. At least two courses for Category III must be selected from the Diversity courses listed at the bottom:

HIS 152	Contemporary World: Historical Perspectives
or HIS 153	Cold War: A Global History
HIS 218	America Between the Wars
HIS 220	America's Culture Wars
HIS 224	American Environmental History
HIS 225	A History of American Business
HIS 226	History of New Jersey
HIS 227	U.S. Cultural History I
HIS 230	History on Screen
HIS 240	History of Ancient Greece
HIS 241	History of Ancient Rome
HIS 243	Italy Middle Ages to Present
HIS 245	Britain to 1688
HIS 246	Modern Britain
HIS 248	History of Ireland
HIS 255	History Abroad
HIS 298	Special Topics in History
HIS 300	Economic History of the U.S.
HIS 301	Constitutional History of U.S.
HIS 302	American Worker: Social History
HIS 303	American Urban History
HIS 304	Civil War and Reconstruction
HIS 306	U.S. Cultural History II
HIS 307	The Immigrant in American Life
HIS 318	The American Revolution
HIS 320	The History of Christianity
HIS 325	Church & Society in Med Europe
HIS 326	Renaissance and Reformation
HIS 333	20th-Century Europe
HIS 334	The Era of World War II
HIS 335	Nazi Germany & Hitler's Europe
HIS 336	Modern European Intellectual History
HIS 337	Post-1945 United States History
HIS 351	Warfare in History
HIS 352	History of Socialism
HIS 353	Oral History
HIS 398	Special Topics in History
Diversity Courses (select two):	
HIS 200	Native American History
HIS 201	African American History
HIS 249	Women in Europe from Antiquity to the French Revolution
HIS 273	Imperial Russia
HIS 274	Modern Russia
HIS 280	Vietnam in Peace and War
HIS 281	Modern Middle East
HIS 282	Colonial Latin America
HIS 283	Modern Latin America
HIS 284	Caribbean History

HIS 286	Modern East Asia
HIS 288	African History
HIS 289	History of Modern Japan
HIS 309	Women in American History
HIS 319	Gender and Sexuality in American History
HIS 341	China in Revolution
HIS 342	Women in East Asia
HIS 343	Ottoman Empire and the Balkans

Total Credits **36-39**

Total Credits: **36-39**

[1]

Students who declare the history major after the freshman year should consult their advisor on the suitability of this course for their program.

History Minor Requirements

(21 credits)

Code	Title	Credits
Select seven courses from the list below: three at the introductory level (150-199) and four at the intermediate to advanced level (200-491).		21
HIS 150	World History to 1500	
HIS 151	World History Since 1500	
HIS 160	Seminar in History	
HIS 180	U.S. History I	
HIS 181	U.S. History II	
HIS 190	Europe to 1715	
HIS 191	Europe Since 1715	
HIS 200	Native American History	
HIS 201	African American History	
HIS 224	American Environmental History	
HIS 225	A History of American Business	
HIS 226	History of New Jersey	
HIS 227	U.S. Cultural History I	
HIS 230	History on Screen	
HIS 240	History of Ancient Greece	
HIS 241	History of Ancient Rome	
HIS 243	Italy Middle Ages to Present	
HIS 245	Britain to 1688	
HIS 246	Modern Britain	
HIS 248	History of Ireland	
HIS 249	Women in Europe from Antiquity to the French Revolution	
HIS 255	History Abroad	
HIS 260	Craft of History	
HIS 273	Imperial Russia	
HIS 274	Modern Russia	
HIS 280	Vietnam in Peace and War	
HIS 281	Modern Middle East	
HIS 282	Colonial Latin America	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 286	Modern East Asia	
HIS 288	African History	
HIS 289	History of Modern Japan	
HIS 298	Special Topics in History	
HIS 300	Economic History of the U.S.	
HIS 301	Constitutional History of U.S.	
HIS 302	American Worker: Social History	
HIS 303	American Urban History	
HIS 304	Civil War and Reconstruction	
HIS 306	U.S. Cultural History II	
HIS 307	The Immigrant in American Life	
HIS 309	Women in American History	
HIS 318	The American Revolution	
HIS 319	Gender and Sexuality in American History	
HIS 320	The History of Christianity	
HIS 325	Church & Society in Med Europe	
HIS 326	Renaissance and Reformation	
HIS 333	20th-Century Europe	
HIS 334	The Era of World War II	
HIS 335	Nazi Germany & Hitler's Europe	
HIS 336	Modern European Intellectual History	
HIS 337	Post-1945 United States History	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
HIS 343	Ottoman Empire and the Balkans	
HIS 351	Warfare in History	
HIS 352	History of Socialism	
HIS 353	Oral History	
HIS 398	Special Topics in History	
HIS 460	Research Seminar	
HIS 490	Independent Study: Research and Creative Expression	
HIS 491	Internship in History	
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
HIS 150	World History to 1500	3
HIS 160	Seminar in History	3
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3

Social Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
HIS 151	World History Since 1500	3
HIS 180 or HIS 181	U.S. History I or U.S. History II	3
CMP 125	Seminar in Writing and Research	3
Foreign Language [1]		3
Scientific Perspective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
HIS 190 or HIS 191	Europe to 1715 or Europe Since 1715	3
COM 104	Speech Communication	3
Upper Level History Elective (200 - 399) [2]		3
Social Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
Two Upper Level History Electives (200 - 399) [2]		6
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
HIS 260	Craft of History	3
Upper Level History Elective (200 - 399)		3
Social Perspectives		3
Two Elective Courses [3]		6
	Semester Credit Hours	**15**
Spring Semester		
Two Upper Level History Electives (200 - 399)		6
Three Elective Courses [3]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Select two of the following:		**6-7**
Upper Level History Electives (200 - 399) [2]		
HIS 491	Internship in History	
Three Elective Courses [3]		9
	Semester Credit Hours	**15-16**
Spring Semester		
HIS 460	Research Seminar	3
Four Elective Courses		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120-121**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Program must include at least two courses at the 200 level and at least two at the 300 level. At least two courses must be Diversity courses.

3

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

HIS 150 World History to 1500 3 Credits
This course traces both regional histories and global interactions, and covers the development of societies and states in Africa, the Americas, Asia and Europe from prehistoric times until about 1500. Certain major topics will be pursued, including agriculture, great empires, the major world religions, long-distance trade, and early modern exploration. While learning about these topics, students will also gain an understanding of the practice of history, especially of the kinds of sources historians use and how they reconstruct and interpret the past.

HIS 151 World History Since 1500 3 Credits
Learn what college students should know about history as a discipline and why history matters by tracing the development and interactions of the cultures of Europe, Africa, Asia and the Americas from 1500 to the present. Students will gain an appreciation for the value of historical thinking and a greater understanding of the relationships among modern nations so necessary for global citizenship.
Prerequisite(s): HIS 150.

HIS 160 Seminar in History 3 Credits
This course introduces students to the discipline of history and to the skills needed for its pursuit. Students will learn to analyze and evaluate primary sources and to identify the thesis and argument of secondary sources, as well as to locate sources using library databases. They will complete a short research paper in which they put these skills into practice. The seminar is intended for History majors and minors and Social Studies majors in their freshman year. Transfer students with fewer than 45 credits should consult their advisor on the suitability of the course for their program. Enrollment limited to 16.

HIS 180 U.S. History I 3 Credits
A survey of American history from the early 17th century through 1877. Among the topics covered will be settlement and regional differences, the American Revolution and the formation of a national government by 1787. The beginning stages of industrialization, the rise of democratic and reform politics, westward expansion, the debate over slavery and growing sectional tensions through the Civil War and Reconstruction will be major themes in the 19th century. Included will be discussions of African Americans, Native Americans, and women.

HIS 181 U.S. History II 3 Credits
A survey of United States history from the end of the Civil War through the present. Included will be discussions of the maturing of an industrial economy, and expansion in the west and overseas. The role of the United States as a world power and the growth of presidential power will be shaped and sometimes challenged by movements designed to expand democratic institutions and human rights. Included will be discussions of African Americans, Native Americans, and women.

HIS 190 Europe to 1715 3 Credits
Examines the development of European civilization from late Roman times until 1715, stressing the Classical heritage, the main currents of European thought and letters, the Renaissance and Reformation, the Age of Discoveries, and the development of the Old Regime.

HIS 191 Europe Since 1715 3 Credits
Examines major political, economic, social, and cultural developments in Europe and the West from 1715 to the present.

HIS 200 Native American History 3 Credits
Traces the experiences of North American Indians from early colonial times to the present day, demonstrating how Indian life has varied and changed throughout our nation's history. Topics include strategies of resistance and accommodation to colonial powers, 19th- century impacts of U.S. government removal and cultural assimilation policies, and 20th-century cultural and political developments among the nation's surviving tribes. Rather than "vanishing," American Indians are a vital and expanding force in modern America.

HIS 201 African American History 3 Credits
Examines the actions and thought of peoples of African ancestry in the United States. Briefly considers Africa before the Atlantic slave trade, then concentrates on major themes in African-American history–the slave trade, slavery, and the genesis of African American society, emancipation and its consequences, urbanization and industrialization, Black Nationalism, the Civil Rights Movement, and African Americans today. Emphasizes African Americans' dynamic and creative role both in shaping their society and establishing their place in United States society. The on-going struggle for freedom and equality provides thematic continuity for analyzing nearly 400 years of African-American history.

HIS 218 America Between the Wars 3 Credits
This course will amplify the dynamic changes and deep challenges found in American society, politics, culture, and foreign policy in the years between 1918 and 1945. We will examine topics like America's purpose in WWI, immigration, antiradicalism, the "roaring twenties," the Harlem Renaissance, consumer culture, the Great Depression, the rise of unions, the New Deal, and the foreign and domestic juggernaut that was WWII.

HIS 220 America's Culture Wars 3 Credits
For much of the recent past Americans have lived in a state of "culture war." This course will examine the history of modern culture and the conflict that sprang up around it, focusing on the rise of cities, race and racism, shifting sex and gender norms, religion, pleasure, education, immigration, and politics. Students will assess cultural and political developments over the course of the twentieth century with an eye toward understanding the twenty-first.

HIS 224 American Environmental History 3 Credits
Surveys the history of the North American environment from pre-Columbian times through the 20th century. Topics include Native American uses of the environment; the reshaping of ecosystems under European colonization; U.S. frontier expansion; the ecological impact of industrialization and urbanization; and the rise of the environmental movement.

HIS 225 A History of American Business 3 Credits
Examines the history of business in the United States from the Colonial Era to the present. Emphasizes such themes as the changing capitalist system, the function of business institutions, the roles of the entrepreneur, the relationship between government and business, and the emergence of the corporation.

HIS 226 History of New Jersey 3 Credits
Explores the history of New Jersey from the colonial period to the present including the role of New Jersey in the American Revolution, the establishment of the Constitution, and the course of industrialization. Examines the impact of national and international developments on New Jersey and emphasizes the distinctive characteristics of the Garden State.

HIS 227 U.S. Cultural History I 3 Credits
Examines cultural developments in the United States through the Civil War. Topics include popular culture, the history of the body, reading and print culture, public celebrations and holidays, religion, race and ethnicity, and material culture. Some of the larger trends explored include the creation of American nationalism, the development of a consumer society, and the rise and decline of 19th-century family life and culture.

HIS 230 History on Screen 3 Credits
This course explores the ways in which feature films and documentaries construct the historical past and shape, reflect, or revise popular understandings and national or cultural myths about the past. We will consider films as products of particular moments in history (potential primary sources), as well as arguments about the moments they portray (potential secondary sources). We will explore how audiences take an active role in shaping the meaning of a film, and thus how that meaning may shift as audiences change over time. We will trace how and why filmed representations of our understanding and interpretation of the past have changed over time. The topics of the films analyzed in this course may vary.

HIS 240 History of Ancient Greece 3 Credits
Surveys the intellectual and cultural life of ancient Greek civilization against the background of its political, economic, and social history.

HIS 241 History of Ancient Rome 3 Credits
Studies the history and culture of Rome, emphasizing such topics as Roman law, government, literature, religion, art, and philosophy.

HIS 243 Italy Middle Ages to Present 3 Credits
Traces the history of Italy from the Middle Ages to the present, stressing the connection between culture, religion, politics, and wealth in successive historical periods. Students participating in the two-week travel component at the end of the course may receive four credits.

HIS 245 Britain to 1688 3 Credits
British history from pre-Roman times to the Glorious Revolution is examined, emphasizing the growth of royal government, parliament, and the origins of the British colonial empire.

HIS 246 Modern Britain 3 Credits
Examines British history from the Glorious Revolution to the present, stressing the reform movements of the 18th and 19th centuries, the Pax Britannica, the Industrial Revolution, imperialism, and the impact of the two world wars.

HIS 248 History of Ireland 3 Credits
Beginning with an overview of the Irish past, focuses upon the past century of the island's history--the problems, challenges, and accommodations that led to the present situation as one of the most protracted unresolved partitions in the modern nation-state system.

HIS 249 Women in Europe from Antiquity to the French Revolution 3 Credits
Traces the history of women in Europe from Rome to the French Revolution, covering the religious, social, political, and economic context in which women participated. Also offers a brief overview of theories and issues in women's history and gender history.

HIS 255 History Abroad 3 Credits
Two-week travel course to a destination chosen by the professor. Exposes students to historic and cultural sites and works of art that have been studied in class. Students must attend orientation sessions, read assigned writings, complete a travel journal, write a final paper on a topic relevant to the course, and attend all scheduled course activities abroad. Travel will take place in January or at the end of the spring semester.

HIS 260 Craft of History 3 Credits
This seminar focuses on historiography and research skills to further students' progress toward the major capstone experience of conducting independent historical research. Students will explore how historians approach, interpret, and write about a particular topic selected by the instructor, and discover how and why interpretations and methods have changed over time. Topics will vary by instructor. Course may be taken a second time on a different topic for 200-level credit. The course is required for History majors who are Sophomores or Juniors. Enrollment limited to 16.

HIS 273 Imperial Russia 3 Credits
Discusses the political, economic, social and cultural developments in Russia and its borderlands during the Imperial period, that is to say the 18th and 19th centuries from Peter the Great to the Revolutions of 1917. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 274 Modern Russia 3 Credits
Covers the background to the Russian revolutions of 1917, the revolutions themselves, and the evolution and dissolution of the Soviet regime. Cultural, social and economic aspects of this period receive as much attention as political aspects. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 280 Vietnam in Peace and War 3 Credits
Examines the history of modern Vietnam, with a focus on the struggle for independence from the late 18th century to the present. Discusses the traditional culture, French colonialism and the development of Vietnamese nationalism, the Japanese occupation in WWII, and the struggle against France and the U.S. in the First and Second Indochinese Wars, as well as the postwar period. Explores the American experience in Vietnam and the impact of the war in the United States.

HIS 281 Modern Middle East 3 Credits
Examines political, economic, social, and cultural developments in the Near East, from the rise of the Ottoman Empire to the present, stressing the impact of contacts with the West in the 19th and 20th centuries, and the emergence of the contemporary Arab World, Israel, Turkey, and Iran.

HIS 282 Colonial Latin America 3 Credits
Examines the pre-Columbian and colonial periods of Latin-American history. Discusses the Indian, African, and European peoples and pays particular attention to the colonial Spanish and Portuguese societies from their establishment up to the revolutions that brought about political independence.

HIS 283 Modern Latin America 3 Credits
Considers the post-independence history of Latin America, emphasizing the rise of export economies and external economic domination, modernization, and pan- Americanism. Examines the changes undergone by Latin-American nations in the 20th century through an analysis of Mexico, Argentina, Chile, Brazil, Peru, Cuba, and Central America.

HIS 284 Caribbean History 3 Credits
Analyzes the history of the West Indian islands and the lands bordering the Caribbean Sea from pre-Columbian times to the present.

HIS 286 Modern East Asia 3 Credits
Examines the disintegration of the Ch'ing dynasty in China and the Tokugawa Shogunate in Japan under internal stresses and foreign incursions, and the varied experience of those states in coming to terms with the challenges of modernization and westernization. Covers political, economic, social, and cultural factors in China, Japan, and East Asia.

HIS 288 African History 3 Credits
Traces the history of Africa, analyzing the unique problems of African historical evidence and the complexity of the continent's past. Examines the genesis of African culture, early African societies, and the character of African civilizations and empires, then considers external influences such as religion (especially Islam and Christianity), contacts with Europe, the slave trade, the colonial scramble for Africa, colonial rule, modernization and dependency, and concludes by assessing the rise of independent Africa after World War II, its present status and future prospects.

HIS 289 History of Modern Japan 3 Credits
Examines the history of modern Japan from the age of the samurai in the Tokugawa Shogunate to today's high-tech mass consumer society. It traces the interaction of elements of Japan's traditional culture with impacts from the outside to create a uniquely-Japanese modernity. It stresses social, economic, and cultural trends, as well as political history, and includes an examination of modern Japanese culture through fiction and film.

HIS 298 Special Topics in History 3 Credits
Exploration of special topics, themes or methodologies in history. This course may be repeated for credit on different topics.

HIS 300 Economic History of the U.S. 3 Credits
Studies the main currents in the economic growth of America from colonial times to the present. Stresses the process of economic development from an agrarian to an industrial society, and examines the challenges and dislocations resulting from economic change.

HIS 301 Constitutional History of U.S. 3 Credits
Surveys the English, Colonial, and Confederation backgrounds of American law and constitutionalism; the framing, adoption, and implementation of the Federal Constitution and its later development; the role of law in the nation's history; the changing interpretations of federalism; the growth of judicial review; and the increasing role of the Supreme Court.

HIS 302 American Worker: Social History 3 Credits
Investigates the American workers' varied social, cultural, religious, and ethnic environment from post-Civil War to the present. Emphasizes worker response to industrialization, urbanization, the technical revolution, and automation.

HIS 303 American Urban History 3 Credits
Traces the growth of urbanism in America from colonial times to the present. Focuses on the interaction between the city dweller and the urban environment and explores the problems confronting urban America today.

HIS 304 Civil War and Reconstruction 3 Credits
Considers the Civil War as a watershed in the development of the American republic. Analyzes antebellum sectional conflict, the war years, and the era of Reconstruction.

HIS 306 U.S. Cultural History II 3 Credits
Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and counter- cultures, popular commemorations like World's Fairs, and political culture. Some of the larger trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.

HIS 307 The Immigrant in American Life 3 Credits
Examines the experiences of immigrants in the United States, their assimilation, the reactions to them, and their contributions.

HIS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

HIS 318 The American Revolution 3 Credits
Examines the growing rift between the American colonies and the British Empire, the War for Independence, and the creation of a new American republic. Explores the political, economic, social and cultural history of the Revolutionary era, and includes the experiences of various groups such as Native Americans, slaves, and women.

HIS 319 Gender and Sexuality in American History 3 Credits
What makes a man, exactly, and what makes a woman? What kinds of sex are normal, and what kinds are abnormal? Who decides, and why? The answers to these questions are not fixed. Throughout American history, popular understandings of gender and sexual norms evolved in close relationship with the political, economic, racial, and social dictates of the time. This course will trace the evolution of ideas on sec and gender from the 18th century to the present using various historical sources including fiction and film, particular attention will be given to analyzing dominant models of proper behavior and the complex relationships of power enmeshed within them.

HIS 320 The History of Christianity 3 Credits
Examines Christianity's role in world history from the life and times of Jesus to the present. Emphasizes the quest for the historical Jesus, the emergence of Christianity after his death and triumph during the later Roman Empire, and Christian relations with pagans, Jews, heretics, witches and Muslims. Traces the various branches of Christianity, its spread throughout the world, church-state relations and responses to secularism, capitalism and communism.

HIS 325 Church & Society in Med Europe 3 Credits
Studies the role of the church in the shaping of early medieval society. Emphasizes the emergence of Christianity as a world force, its challenge from Islam, and the church's impact on the politics, thought, and economy of early medieval Europe.

HIS 326 Renaissance and Reformation 3 Credits
Studies the Renaissance, including the development of humanism and art as well as the political and economic changes of the period. Discusses the Renaissance church and movements for religious reform, leading to a consideration of the origins, development, and consequences of the Reformation. Examines the influence of the Renaissance and Reformation on the development of capitalism and the dynamic, secular nation-state.

HIS 333 20th-Century Europe 3 Credits
This course covers the history of twentieth-century Europe, a time when major wars brought Europe from the heights of prosperity and power to the brink of ruin. Europe's experience in war, social upheaval, and ideological conflict shaped the twentieth century not just in Europe but globally. We begin with a look at the condition of Europe at the turn of the century and assess why the European states plunged into what was a disastrous series of conflicts. We will consider the First World War and its impact, including the Russian Revolution and the peace settlement, and then focus on attempts to find stability and the emergence of radically new political movements that challenged the postwar order. Next we will examine the ways in which Europe embarked on the path of near self-destruction during World War Two. A discussion of the origins and consequences of the Cold War and the fate of the socialist and capitalist systems follows. Throughout the course we will touch upon European art and culture. We will conclude with a look at the events of 1989 and attempt to understand the meaning of the twentieth century. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 334 The Era of World War II 3 Credits
Investigates selected topics relating to the origins, events, and outcome of World War II, emphasizing the war's impact on 20th-century civilization. Traces the roots of the conflict back to the World War I peace settlements, and examines the rise of totalitarianism, pre-war aggression and appeasement, the immediate causes of the war's outbreak, the course of military actions, the diplomacy of the belligerents, the War's impact on civilian life, and factors that shaped the post-war world. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 335 Nazi Germany & Hitler's Europe 3 Credits
Examines the Nazi dictatorship in all its complex dimensions, from the early life of Adolf Hitler to total war and genocide. Students will explore how the Nazi movement arose in the context of modern German and European history, and how the Nazis were able to win the support of significant segments of the German population. We will study the Nazis' massive project of social and biological engineering – pronationalism, forced sterilization, extermination of "social and biological deviants," and, ultimately, the genocide of the Jews. Through memoirs, state documents, and historical accounts, the class will examine life from the vantage point of perpetrators, accommodators, victims, and resisters. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 336 Modern European Intellectual History 3 Credits
Examines the 17th-century revolution in scientific, philosophical, and political thought; the Enlightenment; Romanticism; the ideologies of Conservatism, Liberalism, and Socialism; Positivism; Darwinism; the crisis of European thought (1880-1914); and the major intellectual trends of the 20th century.

HIS 337 Post-1945 United States History 3 Credits
This course will magnify American society, politics, culture, and foreign policy from 1945 to the present, tracing the rise and fall of the "American Century". We will focus on topics such as the Red Scare, suburbanization, mass culture, the power of the presidency, the Civil Rights movement, Vietnam, disco, and the war on terror, offering students a unique opportunity to delve deeply into our recent past.

HIS 341 China in Revolution 3 Credits
Treats the Chinese Revolution in terms of political, economic, and social transformation.

HIS 342 Women in East Asia 3 Credits
Treats the history of the relationship between women and society in traditional East Asia and the modern transformation of their relationship.

HIS 343 Ottoman Empire and the Balkans 3 Credits
This course is divided into two parts. Part one examines the rise, zenith, and gradual disintegration of the Ottoman Empire, one of the greatest, most extensive, and long lasting empires in history, with special focus on the southeastern projection of Europe, known as the Balkan Peninsula. The second half of the course concentrates on Balkan history proper, from the First World War until the demise of communist regimes in the late 1980s. Lastly, we will consider contemporary developments, especially the breakup of Yugoslavia and its aftermath.This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 351 Warfare in History 3 Credits
Studies the evolution of international and intergroup conflict through the ages; principles, theories, and kinds of war; the great military practitioners and thinkers of world history. Briefly touches upon the American experience as a recent segment in world military and cultural history.

HIS 352 History of Socialism 3 Credits
Considers the historical development of socialist ideas and their adaptations from ancient times to the present, including ancient and Judaeo-Christian antecedents, Utopian Socialism, Marxism, Anarchism, Communism, and Democratic Socialism, emphasizing the historical comparisons among these schools. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 353 Oral History 3 Credits
A study of the theory and practice of oral history. Involves an examination of the methodology and functions of oral history, the nature and character of oral evidence, and the place of oral testimony within the historical discipline.

HIS 398 Special Topics in History 3 Credits
Advanced exploration of special topics, themes or methodologies in history. This course may be repeated for credit on different topics.

HIS 460 Research Seminar 3 Credits
Students produce a major research paper in this topical capstone seminar. Topics and themes vary by instructor. The seminar has a maximum enrollment of 16 students, so professors and students have an opportunity to work together closely over the course of a semester.
Prerequisite(s): HIS 260, and permission of instructor.

HIS 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Proposals must be approved by the Dean's Office no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours.
Prerequisite: Permission of instructor. When taken to substitute for HIS 460, HIS 260 and permission of instructor.

HIS 491 Internship in History 1-4 Credits
Internships to be offered each semester with such institutions as the New Jersey State Archives and the David Library of the American Revolution. Four credits may be taken for Category III History credit. Additional credits may be taken for Liberal Arts elective credit.
Prerequisite: Permission of internship coordinator.

Homeland Security Policy

Program Overview

Events of the past 30 years — including the first World Trade Center bombing in 1993, the terrorist attacks of September 11, 2001, and the Boston Marathon bombing in 2013 — have heightened America's awareness of terrorism and made homeland security a national focus. It is a subject, though, that has long been of concern to other countries around the world.

Open to all majors, the minor in Homeland Security Policy offers students the opportunity to add a focus in homeland security to their professional or academic plans. The minor also is a valuable option for students whose careers would benefit from an understanding of such issues as risk assessment, world politics and civil liberties. Homeland security is a rapidly growing field with a high demand for skilled professionals in both government and private industry.

Degree Offered

- Minor in Homeland Security Policy

Contact

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Program Website: Homeland Security Policy (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/homeland-security-policy-minor/)

Associated Department: Department of Government, Politics and Law (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/political-science/)

Related programs

- Criminal Justice (p. 132)
- English (p. 227)
- History (p. 323)
- Multicultural Studies (p. 403)
- Political Science (p. 449)

Homeland Security Minor Requirements

(24 credit hours)

Code	Title	Credits
Foundation courses (required)		
POL 100	U.S. Politics in Crisis	3

HLS 203/POL 203	Homeland Security	3
HLS 220/POL 220	Terrorism & Counter Terrorism	3
POL 230	Methods of Political Analysis	3
Electives (select four of the following:)		**12**
HLS 204/POL 204	Development and Structure of the US Intelligence Community	
HLS 205	Spies, Double Agents, and Moles: The World of Counterintelligence	
HLS 270	Networking/Telecommunications	
HLS 300	U.S. Constitutional Law	
HLS 301/POL 301	Civil Liberties in the US	
HLS 304/POL 304	Political Behavior: Fear, Risk and Crisis	
HLS 311/POL 311	Borders and the State	
HLS 314/POL 314	Congressional Power and National Security Policy	
HLS 316/POL 316	Presidential Power and National Security Policy	
HLS 319/POL 319	Terrorism, Revolutions and Political Violence	
HLS 325/POL 325	Public Administration	
HLS 334	Cyber Strategy	
HLS 341	Cybersecurity Policy: Hacktivism and Cyberviolence	
HLS 346/POL 346	The Politics and Ethics of Emergencies	
HLS 350/POL 350	U.S. Foreign Policy and Security Policy	
HLS 351/POL 351	Critical Views of Global Security	
HLS 353	Cyber War	
HLS 361/POL 361	Courts, Judges and Politics	
HLS 363/POL 363	Human Rights in Global Context	
HLS 491	Internship in NJ Homeland Security	
HLS 420	Enterprise Security	
HCP 302	Environmental Epidemiology, Pandemics and Globalization	
POL 330	Geopolitics of Energy	
Total Credits		**24**

[1]

Depending upon eligibility and availability

Courses and Descriptions

HLS 202 The Political System - Theories/Theme 3 Credits
This course serves as a gateway to the subfields of comparative politics and international relations. The concept of the political system helps political scientists to organize political interrelations into patterns that allow systematic selection and interpretation of information and the study of processes and outcomes of politics in a variety of settings. The course introduces students to the main brands of normative theory prescribing the principles directing the operation of the political system, to some of the most important methods used to compare political systems and/or their components, and to the foremost approaches utilized in the study of the relations between political systems and their environments. Note: This course is cross-listed as POL 202. Students may not get credit for both HLS 202 and POL 202.

HLS 203 Homeland Security 3 Credits
The course is designed to help students increase their knowledge and understanding of homeland security policy. The course will consider why and how homeland security problems impact the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. The course will primarily examine policy making at the national level in the United States, but will also analyze examples at the state and local level, as well as placing U.S. policy in a comparative perspective. Note: This course is cross-listed as POL 203. Students may not get credit for both HLS 203 and POL 203.

HLS 204 Development and Structure of the US Intelligence Community 3 Credits
This course provides a historical review of intelligence following World War II. It will examine the major functions of intelligence, as well as intelligence as a part of the foreign policy process: collection, analysis, counterintelligence, and convert action. Students will be introduced to a range of collection procedures: human, open source, electronic, photographic, and signal, with emphasis placed on interpreting and writing intelligence summaries. Note: This course is cross-listed as POL 204. Students may not get credit for both POL 204 and HLS 204.

HLS 205 Spies, Double Agents, and Moles: The World of Counterintelligence 3 Credits
This course provides in-depth exposure to historical, open-source investigations and concepts that illustrate the defensive, offensive, investigative, and collection efforts of counterintelligence (CI) activities. This course looks through the ideological and political prisms of how and why the Western and Eastern blocs fought the Cold War with agents, double agents, sleepers, and moles, and how MICE (money, ideology, compromise, and ego) and RASCALS (reciprocation, authority, scarcity, commitment, liking, and social proof) caused thousands to betray their countries and become the 'enemy within'. Counterintelligence (CI) is a critical element of US national security policy and interests both in the United States and abroad, and the course will focus on activities that comprise counterintelligence functional activities, including the detection of espionage and elicitation; counterintelligence interviews/debriefings; and the collection of counterintelligence information.
Prerequisite(s): POL 100 or POL 102.

HLS 220 Terrorism & Counter Terrorism 3 Credits
This course introduces students to the arguments about the definition of terrorism, the historical use of terrorism and the roles of ideology, religion, and psychological factors that help explain and predict it. The course seeks to identify the components of national security policy aimed at countering such elements and their cost, both in financial and civil right terms. Finally, to illuminate both the definition and the policies discussed, the course will offer brief comparisons with other states, especially Israel, the UK, and Russia. Note: This course is cross-listed as POL 220. Students may not get credit for both HLS 220 and POL 220.

HLS 270 Networking/Telecommunications 3 Credits
This course provides an introduction to business data communications and networking. The Internet and OSI models are discussed. Network technologies include local area networks, backbone, wide area networks, and the Internet. Introduction to network design, security, and network management are also provided.
Prerequisite(s): CIS 185.

HLS 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as POL 300. Students may not get credit for both HLS 300 and POL 300.

HLS 301 Civil Liberties in the US 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as POL 301. Students may not get credit for both HLS 301 and POL 301.

HLS 304 Political Behavior: Fear, Risk and Crisis 3 Credits
The course focuses on various analytical approaches in behavioral political science. It does so by advancing students' knowledge of the cognitive aspects of whether citizens engage in various types of political behavior-e.g., voting/non-voting, the formation of political partisanship and ideology, issue perceptions, responding to risk and uncertainty in the political environment, and engaging in civic political participation. Note: This course is cross-listed as POL 304. Students may not get credit for both HLS 304 and POL 304.

HLS 311 Borders and the State 3 Credits
Borders have a prominent place in politics and human history. In the twentieth century, the best-known barriers were the militarized Maginot Line and the Iron Curtain. Today, the political popularity of borders persists but the nature and quality of these borders and the threats they were created to repel have changed. Modern borders are designed not to keep militaries out, but to deter a perceived invasion of “undesirables”—with terrorists and unwanted immigrants leading the list of state concerns. Nowhere is this more evident than along the geographic fault lines dividing rich and poor regions, e.g. the Mediterranean Sea and the U.S.-Mexican border region. This course will examine the dynamic interactions between the question of how to govern borders and the twenty-first century liberal state with its diluted sovereignty— due to immigration, trade and international laws and regimes.

HLS 314 Congressional Power and National Security Policy 3 Credits
The purpose of this course is for students to identify, examine, analyze, and interpret the role of Congress in shaping national security policy with a particular emphasis on the institution’s role in the Global War on Terror. Particular attention is paid to the role of the US government being able to balance individual rights and liberties within the national security state. Last, the course also takes an in-depth analysis of the U.S. Congress, looking comparatively at how legislatures in other nations have dealt with crafting their own security policies. The course will address the following questions: First, what is the role of Congress in national security policy, what does it do, and why? Second, what are the various ways of studying the relationship between the legislative and executive branches of government in the US system as it relates to the Global War on Terror? Note: This course is cross-listed as POL 314. Students may not get credit for both HLS 314 and POL 314.

HLS 316 Presidential Power and National Security Policy 3 Credits
This course examines the development of the National Security State since the Second World War, and the ways in which it has affected, and been affected by, the Federal Executive. Topics to be covered will include the post-World War II redefinition of “national security”, the Cold War (with a special focus upon war powers during Korea and Vietnam) and the changes that have occurred with the “War on Terror." Note: This course is cross-listed as POL 316. Students may not get credit for both POL 316 and HLS 316.

HLS 319 Terrorism, Revolutions and Political Violence 3 Credits
Revolutions are the mad inspiration of history. Trotsky’s characterization calls attention to three important dimensions of violent political participation: the historical settings, ideology, and emotional fervor of the practitioners. The course focuses on these dimensions by analyzing revolutionary and terrorist movements in the 20th century. Special attention is given to the use of violence in the post-Cold War new world disorder. Note: this course is cross-listed as POL 319. Students may only get credit for one course: HLS 319 or POL 319.

HLS 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens’ behavior. Note: This course is cross-listed as POL 325. Students may not get credit for both HLS 325 and POL 325.

HLS 334 Cyber Strategy 3 Credits
The course examines issues and challenges related to national security concerns and cybersecurity. The course provides students with tools and critical thinking skills in order to identify and analyze challenges and opportunities to the nation’s cyber infrastructure. The emphasis of this course is on "hands-on" experience whereby students will "learn by doing" analysis.
Prerequisite(s): Completion or transfer of HLS 203 or HLS 204 or POL 100 or POL 102 or permission of instructor.

HLS 341 Cybersecurity Policy: Hacktivism and Cyberviolence 3 Credits
Hactivism is a process designed to be “the creative use of computer technology for the purposes of facilitating online protests, performing civil disobedience in cyberspace.
Prerequisite(s): Completion or transfer of HLS 203 or HLS 204 or POL 100 or POL 102 or permission of instructor.

HLS 346 The Politics and Ethics of Emergencies 3 Credits
This course explores historic and present day cases, ranging across Europe and the US, in which liberal democratic governments, under stress because of subversion, sabotage, invasion, rebellion, or the effects of economically caused chaos, take on emergency powers to become so-called "states of exception." While in some cases such states have imposed mild and limited emergency measures, others have employed more draconian measures, suspending, if not dissolving, constitutionally guaranteed civil liberties, often for indeterminate and protracted periods. How various states have behaved in emergency situations will be the major content of this course. Note: This course is cross-listed as POL 346. Students may not get credit for both HLS 346 and POL 346.

HLS 350 U.S. Foreign Policy and Security Policy 3 Credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation's military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold War world. Note: This course is cross-listed as POL 350. Students may get credit only once.

HLS 351 Critical Views of Global Security 3 Credits
This course will examine the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspective on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (enviroment, population movements, terrorism), and concepts of security ranging from state survial, to societal security, to unit level-variables such as Human Security. Note: This course is cross-listed as HLS 351. Students may not get credit for both HLS 351 and POL 351.

HLS 353 Cyber War 3 Credits
Cyber-attacks are a growing concern for the international community. When does a cyber-attack constitute an act of war, or is it merely an inconvenience? Is cyber power military power? How prevalent are such attacks, and to what extent can cyber-attacks lead to conventional conflicts? Will cyber-attacks by non-state actors render more power to such players in destabilizing states? This course explores the different types of issues experienced in cyber wars, including mechanisms through which targeting of communication technology could escalate tensions and lead to an armed conflict, and ways through which states and international organizations could limit the destructive potential of cyber technology.

HLS 361 Courts, Judges and Politics 3 Credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges. Note: This course is cross-listed as POL 361. Students may not get credit for both POL 361 and HLS 361.

HLS 363 Human Rights in Global Context 3 Credits
Examines human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as POL 363. Students may not get credit for both HLS 363 and POL 363.

HLS 420 Enterprise Security 3 Credits
Students will be provided with complete coverage of computer security in all forms including hardware, network, and software program security. Through hands-on labs, students will learn firsthand how enterprise systems can be comprised and how computer professionals can prevent and provide counterattacks for security intrusions.
Prerequisite(s): CIS 310 or permission of instructor.

HLS 491 Internship in NJ Homeland Security 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of field work per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

Human Resource Management

Program Overview

Human Resource Management (HRM) professionals perform many vital business activities in organizations. As both private and public sector organizations have become more concerned about such issues as legal compliance, corporate culture, and ensuring employee work behaviors are aligned with strategic objectives, the demand for well-trained HRM professionals has increased greatly.

Practitioners in HRM are involved in a variety of important, interesting, and challenging activities. They establish and implement policies that affect such organizational functions as recruitment, selection, training and development, performance management, compensation and benefits.

Our program has been ranked among the top 20 Human Resource Management programs in the U.S., and placed as the #3 undergraduate HRM program in New Jersey by College Factual. The Society of Human Resource Management (SHRM) has acknowledged that our curriculum is fully aligned with SHRM's competency model for the HR profession. This connection to the profession, coupled with Rider's engaged learning program, makes Rider a great place to study Human Resource Management.

Curriculum Overview

Courses in the program include Introduction to Human Resource Management, Labor Relations, Employee Selection and Training,

Employee Compensation Systems, Employee Engagement, Managing Workforce Diversity, International Management, Team Management, Management Skills, and more.

Degree Offered

- B.S.B.A. in Human Resource Management

Contact

Hee Young Kim, Ph.D.
Chairperson and Associate Professor
Sweigart Hall 237
609-896-5069

Program Website: Human Resource Management B.S.B.A (http://www.rider.edu/hrm/)

Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)

Related Programs

- Entrepreneurial Studies (p. 240)
- Health Care Management (p. 314)
- Management and Leadership (p. 372)
- Sport Management (p. 532)

Human Resource Management Major Requirements

(21 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
MGT 310	Intro to Human Resource Mgmt	3
HRM 315	Employee Selection & Training	3
HRM 316	Employee Compensation Systems	3
MGT 375	International Management	3
Select three of the following, with at least one being an HRM course:		9
HRM 312	Intro to Labor Relations	
HRM 333	Employee Engagement	
HRM 441	Sel. Topics: Human Res Mgt	
MGT 320	Managing Workforce Diversity	
MGT 346	Negotiation	
MGT 355	Team Management [1]	
MGT 363	Management Skills [1]	
MGT 410	Ethical Management	
HRM 490	Independent Research and Study	
Total Credits		**21**

1

Human Resource Management majors have the option of completing MGT 355 Team Management or MGT 363 Management Skills for their major requirements as well as for their Leadership Elective requirement. If a student chooses to count MGT 355 or MGT 363 toward both the major requirements and the Leadership Elective, the student must complete 3 credits of free elective for graduation.

An average of "C" or better is required in the 21 semester credit hours required of the human resource management major. Majors are encouraged to take HRM 491 Internship in Human Res Mgt or HRM 492 Internship in Human Res Mgt as a free elective.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Humanities Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 310	Intro to Human Resource Mgmt	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
HRM 315	Employee Selection & Training	3
CIS 385	Management Information Systems	3
Leadership Elective [3]		3
Social Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MGT 375	International Management [4]	3

MSD 301	Operations Management	3
Free Elective (International Business) [4]		3
HRM Major Elective		3
Liberal Arts Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
HRM 316	Employee Compensation Systems	3
HRM Major Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HRM Major Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Human Resource Management majors have the option of completing MGT 355 Team Management or MGT 363 Management Skills for their major requirements as well as for their Leadership Elective requirement. If a student chooses to count MGT 355 or MGT 363 toward both the major requirements and the Leadership Elective, the student must complete 3 credits of free elective for graduation.

4

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Social Science Elective		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Humanities Elective		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MGT 310	Intro to Human Resource Mgmt	3
Free Elective (International Business) [1]		3
Leadership Elective [2]		3
HRM Major Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
HRM 315	Employee Selection & Training	3
HRM 316	Employee Compensation Systems	3
MGT 375	International Management [1]	3
Liberal Arts Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**

Spring Semester		
BUS 400	Strategic Management and Policy	3
HRM Major Elective		3
HRM Major Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

[1]

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses (MGT 375 International Management) or as free elective courses.

[2]

For the Leadership Elective, choose from LDP 200, LDP 398, MGT 355, or MGT 363. If a Human Resource Management major takes MGT 355 or MGT 363 as their Leadership Elective, they can also count it as a Major Course Elective, and they must take an additional 3-credit Free Elective.

Notes:

- This accelerated plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448, ECO 450.)

Courses and Descriptions

HRM 312 Intro to Labor Relations 3 Credits
This course deals with the relationship of labor unions and management, the fundamentals of collective bargaining, and labor legislation. The structure and growth of unions as well as the relationships and problems that exist among private and public sector organizations, the labor force, and government are surveyed.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 313 Legal Aspects of Human Res Mgt 3 Credits
This course deals with the various laws that affect human resource management, including social insurance, legislation, minimum wage laws, OSHA , ERISA, as well as equal employment opportunity legislation. This course is concerned not only with the provisions of these laws, but also with their constitutionality, their effects, and how they are administered.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 315 Employee Selection & Training 3 Credits
This course explains the processes involved in selecting and training employees. With regards to selection, specific examples include, evaluating applicant credentials, administering pre-employment tests and complying with equal employment opportunity legislation. With regards to training, topics include assessing the need for training, designing effective training programs, utilizing methods such as technology to deliver training, and evaluating the effectiveness of training programs.
Prerequisite(s): MGT 310.

HRM 316 Employee Compensation Systems 3 Credits
The goal of this course is to familiarize you with the common methods of compensation used by today's organizations and how these methods could be used to increase motivation, job satisfaction, and performance in the workplace. To accomplish this, we will first discuss the bases of motivation in the workplace. Next, we will then talk about the various compensation options and techniques and the strengths and weaknesses of each in maximizing motivation and performance in an organization.
Prerequisite(s): MGT 310.

HRM 333 Employee Engagement 3 Credits
Employee Engagement is commonly described as a focused passion and enthusiasm that employees bring to their work that produces high-quality performance and positive organizational outcomes such as enhanced firm reputation, customer loyalty, and profitability. In this course, students will explore the concept and value of Employee Engagement, and strategies for energizing an organization's workforce. Projects and activities will focus on the role of the Human Resource function in measuring employee attitudes, designing relevant interventions, and influencing a culture of engagement.
Prerequisite(s): MGT 310.

HRM 441 Sel. Topics: Human Res Mgt 3 Credits
Deals with one area of study in the field of human resource management such as protective labor legislation, mediation and arbitration, the administration of labor unions, or case problems in human resource management. The topic varies each semester and is announced at the time of registration.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or HRM major elective.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 491 Internship 1-4 Credits
Provides the student with the opportunity to supplement and apply human resource management coursework in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing work experiences. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): Junior or Senior; Major in human resource management and MGT 310; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

HRM 492 Internship in Human Res Mgt 3 Credits
Provides the student with the opportunity to supplement and apply their human resource management classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions. 2.75 GPA overall and 3.0 GPA in the major is required.
Prerequisite(s): major in human resource management or management and leadership, and MGT 310; senior status; and permission of instructor.

Information Systems

Program Overview

Students with a major in information systems develop a solid understanding of the use, design, development, and management of information systems and information technology. Rider's information systems courses are designed to give students the opportunity to develop and manage a variety of projects that can be applied to real business settings immediately.

Increasingly, organizations that seek individuals with an information systems specialization expect excellent organizational, communication, interpersonal and analytical skills. All information systems students are encouraged to participate in a full semester co-op or summer internship experiences during their junior year.

Student Learning Outcomes

An Information Systems graduate will demonstrate the ability to:

- Design and develop user-friendly applications, employing best practices in programming, including effective syntax, logical structure, and adherence to industry standards.
- Utilize and administer computer networking and telecommunication technologies, demonstrating proficiency in configuring, managing, and troubleshooting network infrastructure.
- Employ relational databases to effectively organize, query, and manage business data, considering data integrity, normalization, and security requirements.
- Analyze and evaluate emerging trends and issues in Information Systems, assessing their impact on businesses and society, and identifying opportunities for innovation.
- Apply ethical reasoning and ethical frameworks to guide the design, implementation, and use of Information Systems, considering privacy, security, and social implications.

Curriculum Overview

The required freshman-level information systems core course trains students to apply practical knowledge in their use of computer-based productivity tools. Core courses also allow students to develop an understanding of enterprise integration applications such as SAP R/3. The courses also explain the value of electronically integrating the major functional areas of an organization in order to facilitate more effective management decision-making.

Students gain an understanding of the enabling information technologies (IT) that organizations use to develop and sustain a strategic and competitive position in the marketplace. Students also learn about the benefits and drawbacks of adopting and using these information technologies.

Students with a major or a minor in information systems will be able to demonstrate their understanding of information technology by applying their technical knowledge and skills to provide a practical solution to a business problem, business need or business opportunity.

Students who satisfactorily complete a minimum of three courses with at least one-third SAP hands-on content in each course have the opportunity to earn the **SAP Student Recognition Award Certificate**. Click here (p. 506) to learn more about this certificate program.

Degree Offered

- B.S.B.A. in Information Systems

Contact:

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Sweigart Hall 366
(609) 895-5593
ktsakiri@rider.edu

Program Website: www.rider.edu/academics/colleges-schools/cba/undergraduate/information-syst… (http://www.rider.edu/academics/colleges-schools/cba/undergraduate/information-systems/)

Associated Department: Department of Information Systems, Analytics, and Supply Chain Management

Related Programs:

- Business Administration (p. 91)
- Global Supply Chain Management (p. 295)
- Management and Leadership (p. 372)

Information Systems Major Requirements

(24 credits)

Code	Title	Credits
Required Courses:		
CIS 200	Application Development with JavaScript	3
CIS 240	Cloud Computing Infrastructure	3
CIS 325	User Experience Design	3
CIS 330	Database Systems	3
CIS 345	Enterprise Security	3
CIS 395	Ethical & Global Impacts of IT	3
Electives		**6**
Select two of the following:		
BDA 205	Introduction to Visual Data Analytics	
CIS 315	Integrated Business with SAP	
CIS 350	Practical Business Analytics with Excel and R	
CIS 360	Data Mining	
CIS 370	Systems Analysis and Design Project	
CIS 375	Business Process Design for a Global Economy	
CIS 377	Risk Management and Compliance for Information Security	
CIS 388	Design Thinking	
CIS 390	Project Management	
CIS 399	The Co-Operative Experience [1]	
CIS 401	Artificial Intelligence for Business	
CIS 410	Selected Topics in Information Systems	
CIS 430	Enterprise Integration	
CIS 491	Computer Information Systems Internship	
Total Credits		**24**

[1] The total credits that count towards the major from the internship and co-op experience cannot exceed 3.

Note:

- For graduation, the student must achieve an overall GPA of 2.0 in the major, with no course grade less than "C-".

Information Systems Minor Requirements

(18 credit program is available to all Rider University students except for Information Systems majors)

Code	Title	Credits
Gateway Course		**3**
CIS 185	Information Systems Essentials	
Required Courses		**9**
Select three of the following six courses:		
CIS 200	Application Development with JavaScript	
CIS 240	Cloud Computing Infrastructure	
CIS 325	User Experience Design	
CIS 330	Database Systems	
CIS 345	Enterprise Security	
CIS 395	Ethical & Global Impacts of IT	
Electives		**6**
Select any two CIS courses from the list below or two additional courses from the list of IS minor required courses above to fulfill the remaining requirements:		
BDA 205	Introduction to Visual Data Analytics	
CIS 315	Integrated Business with SAP	
CIS 350	Practical Business Analytics with Excel and R	
CIS 360	Data Mining	
CIS 370	Systems Analysis and Design Project	
CIS 375	Business Process Design for a Global Economy	
CIS 377	Risk Management and Compliance for Information Security	
CIS 388	Design Thinking	
CIS 390	Project Management	
CIS 399	The Co-Operative Experience	
CIS 401	Artificial Intelligence for Business	
CIS 410	Selected Topics in Information Systems	
CIS 430	Enterprise Integration [1]	
CIS 491	Computer Information Systems Internship	
Total Credits		**18**

1 Permission of instructor required

Notes:

- The maximum number of credits students may use to count towards another minor (e.g., Business Analytics minor), is six (i.e., two courses including CIS 185).

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 200	Application Development with JavaScript	3
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
CIS 240	Cloud Computing Infrastructure	3
FIN 220	Introduction to Finance	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 325	User Experience Design	3
CIS 330	Database Systems	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MSD 301	Operations Management	3
CIS 345	Enterprise Security	3
CIS Major Elective		3
Free Elective (International Business) [4]		3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**

Year 4		
Fall Semester		
CIS Major Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
Liberal Arts Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
CIS 395	Ethical & Global Impacts of IT	3
Free Elective (International Business) [4]		3
Free Elective		3
Liberal Arts Elective 4 [3]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 and CBA 110 can be taken in the Fall or Spring of year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
MKT 200	Marketing Principles	3
	Semester Credit Hours	**3**
Spring Semester		
CIS 200	Application Development with JavaScript	3
CIS 240	Cloud Computing Infrastructure	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CIS 325	User Experience Design (CIS Major Elective)	3
CIS Major Elective		3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
CIS 330	Database Systems	3
CIS 345	Enterprise Security	3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
CIS Major Elective		3
Free Elective (International Business)		3
Free Elective		3
Liberal Arts Elective 2		3
	Semester Credit Hours	**18**
JTerm		
Liberal Arts Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
CIS 395	Ethical & Global Impacts of IT	3
Free Elective (International business)		3
Free Elective		3

Liberal Arts Elective 4	3
Semester Credit Hours	**15**
Total Credit Hours for Graduation	**120**

Notes:

- The above plan assumes no AP or other credits were transferred into Rider University.
- Students are required to take 6 credits of International Business Electives which can be fulfilled as major courses or as free elective courses.
- Business Honors students will have a different sequence.
- Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.
- Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.
- For the Leadership Elective, choose from CBA 320 Case Analysis & Presentation, LDP 398 Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning Through MOB, MGT 355 Team Management, or MGT 363 Management Skills.
- Students are strongly encouraged to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448 Seminar in Small Business Consulting, ECO 450 Seminar in Economic Research).

Courses and Descriptions

CIS 185 Information Systems Essentials 3 Credits
This course provides students with a conceptual understanding and hands-on practice with spreadsheets. At the completion of this course students will be able to apply the appropriate information systems technology tools within spreadsheets to a variety of quantitative data-centric analytic activities. This course assumes you have a basic knowledge of Microsoft Windows, Word, Excel, and Web browsers.

CIS 200 Application Development with JavaScript 3 Credits
In the early 1990s, Tim Berners-Lee created a set of technologies to allow information sharing at the CERN particle accelerator in Europe. These technologies dramatically changed the face of computing and became what we know today as the Web. Understanding how to develop and manage applications for the Web is a requirement for the information system professional. Because of the ease of development, deployment, maintenance and general scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using HTML and CCS, how to control user interaction with those pages using the JavaScript programming language. The programming basics of variable declaration and usage, program flow of control, function declaration and calling, and object usage and declaration will also be shown. The use of the JQuery Javascript library to ease the development of Web pages will also be shown.

CIS 220 Application Development with JavaScript and Python 3 Credits
In the early 1990s, a set of network technologies was combined to create a platform for application development. These technologies are now referred to as the Web. Because of the ease of development, deployment, maintenance, and scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. Understanding how to develop and manage applications for the Web is vital for information systems professionals. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using the Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS), and managing user interaction in those pages using the JavaScript programming language. The process of creating dynamic web pages using the PHP programming language on the Web server will also be taught.
Prerequisite(s): CIS 200.

CIS 240 Cloud Computing Infrastructure 3 Credits
Cloud computing represents a form of utilizing hardware resources in a way which allows a business to be more responsive to a changing environment. Computer networks are a critical component of cloud computing. This class will cover the components of a computer network, the process of configuring networks, and the creation and provisioning a cloud computing environment. Students will also learn the process of computer operating system installation, configuration and maintenance. Virtualization, the process of creating multiple operating system environments on a single piece of hardware will also be covered using both the WIndows and Linux operating systems.
Prerequisite(s): CIS 185.

CIS 255 Intro to Game Design & Development 3 Credits
The basic concepts, logic, techniques, tools, and vocabulary associated with interactive, digital game and simulation development will be explored through a combination of lectures, discussions, and hands-on learning. Knowledge and skills derived can be applied to a wide variety of business and other organizational settings globally for interactive simulations, games, and education.

CIS 260 Business Graphics 3 Credits
Basic color theory, t ypography, and page/slide layout are presented. Students utilize presentation, word processing and photo editing applications to create and edit various documents through hands-on labs and projects.
Prerequisite(s): CIS 185 or permission of instructor.

CIS 270 Computer Networking 3 Credits
This course provides an introduction to business data communications and networking. The Internet and OSI models are discussed. Network technologies include local area networks, backbone, wide area networks, and the Internet. Introduction to network design, security, and network management are also provided.
Prerequisite(s): CIS 185.

CIS 300 Programming with Java 3 Credits
Students will learn the basic concepts of object-oriented programming as contrasted with traditionally structured programming and will develop applications using the Java programming language.
Prerequisite(s): CIS 200.

CIS 309 Data Structures & Cmptr Archit 3 Credits
An introduction to linked lists, stacks, queues, trees, pointers, and sorting and searching algorithms. Students will learn the technical details of data storage and manipulation along with the concepts of program execution, and will use tools such as hex-editors and debuggers.
Prerequisite(s): CIS 185 or permission of instructor.

CIS 315 Integrated Business with SAP 3 Credits
This course provides an introduction to enterprise resource planning (ERP) systems and addresses how integrated information systems improve business operations. Students will learn about functional business areas and business processes, and understand the problems inherent in un-integrated enterprise information systems. Using SAP software and case studies, students will learn how ERP systems are being used to facilitate integrated, real-time management decision making.
Prerequisite(s): CIS 185 and ACC 210.

CIS 319 Computer Forensics 3 Credits
Students will use computers to obtain and analyze evidence found on storage devices such as those confiscated under warrant, and learn how to trace digital activities. Criminal and investigative procedures will be explored in depth.
Prerequisite(s): CIS 185.

CIS 320 Cloud Computing Administration 3 Credits
Students will learn the process of creating or provisioning a cloud computing environment. Content will include the provisioning of operating system resources in a cloud environment, operating system installation, configuration and maintenance. Virtualization, the process of creating multiple operating system environments on a single piece of hardware will be covered in some detail. Troubleshooting problems in the virtualization environment and in the operating system environment will also be covered. Hands-on labs will be used throughout. Both Windows and Linux operating systems will be used.
Prerequisites: CIS 185.

CIS 325 User Experience Design 3 Credits
This course focuses on the critical role user experience plays in today's technology-driven business world. While technology advances make the design of functionality more readily in interactive products, usability plays a critical role in determining their success in the real world. Increasingly, business leaders realize the need to consider the emotional and social experiences as well as functional requirements and the steps users take to complete a task. This course explores User Experience Design (UXD), and its strategic importance in creating competitive advantage. Students will be able to discover, define, develop, and deliver a complete user experience. They will understand the role of usability and design principles, build innovative and pleasurable user experience prototypes, and validate them to achieve human, social, and business goals.

CIS 330 Database Systems 3 Credits
This course involves the study of computer databases. Major topics include relational databases, use of the structured query language (SQL) to query relational databases, and design and maintenance of relational databases.
Prerequisite(s): CIS 185.

CIS 340 Electronic Commerce 3 Credits
Students will learn about the most current e-commerce technologies and business models through readings, case studies, and hands-on projects. Students will gain experience using business data analytics tools to understand and evaluate the value of data that is generated and collected from various e-commerce platforms on the Internet.

CIS 345 Enterprise Security 3 Credits
This course introduces students to cybersecurity, the process of securing computers and the information they store. Coverage includes security attacks and attack prevention and mediation, security firewalls, PC and server security, authentication methods and procedures, and network security. Through lecture and hands-on labs students will learn how computer systems can be attacked and how computer professionals can manage the risks and potential damage from these attacks.

CIS 350 Practical Business Analytics with Excel and R 3 Credits
This is a required course for the Business Analytics major/minor. This course will provide the student with an opportunity to gain proficiency in analyzing and visualizing data using both Excel and R. The learning experience includes not only classic data tools, such as PivotTables, VLOOKUP, and data visualization, but also more advanced data tools such as descriptive statistics, inferential statistics, predictive analytics using R, and optimization using Excel Solver.
Prerequisite(s): BDA 201.

CIS 360 Data Mining 3 Credits
This course deals with modern technologies for data analysis. Hands-on exercises for data retrieval, data visualization and predictive analytics will be carried out using up-to-date methodologies and software tools. The full data mining life cycle will be covered from recognizing business problems and opportunities amenable to data mining analysis through deploying and monitoring solutions.
Prerequisite(s): CIS 185 with a minimum grade of D .

CIS 370 Systems Analysis and Design Project 3 Credits
Topics include modeling techniques and methodologies to address the planning, analysis, design, and implementation of high quality systems, delivered on time and within budget. Using rapid application development tools, students will also construct an operational system within the span of a single semester. Issues and tools related to the management of project teams are also discussed.
Prerequisite(s): CIS 330.

CIS 375 Business Process Design for a Global Economy 3 Credits
The course is aimed at generating a comprehensive understanding of the emergent domain of global business process outsourcing. Variously referred to as knowledge process outsourcing, IT-enabled services outsourcing, and business services outsourcing, the industry has seen enormous growth over the last decade and continues to grow. India commands the single largest share of this market but South Africa, Eastern Europe, Philippines, Morocco and Egypt have all emerged as other contenders in this global sector. The course is divided into four modules: the political economy of global outsourcing, process modeling, outsourcing management, and industry analysis. Please note: Students will not receive credit for both CIS 375 and GSC 375.
Prerequisite(s): junior standing.

CIS 377 Risk Management and Compliance for Information Security 3 Credits
This course will use a holistic approach to examine the management of information security risk in relation to the strategic goals of the business organization. Students taking this course will learn to identify threats, threat agents, potential exploits and the information assets which will be impacted by those exploits. The risk management process will specifically examine threat agents, and the amplifiers, catalysts, and inhibitors to those threats. Using a process which assigns a weight to various threats, and a comprehensive risk analysis model will be developed.

CIS 385 Management Information Systems 3 Credits
This course will enhance students' digital dexterity and familiarity with existing and emerging information technologies, emphasizing skills of abstraction in relation to digital strategy and organizational change, innovation, analytics, and ethics. This course will also provide hands-on experience with at least one essential business technology. At the completion of the course, students will have an understanding of the business-related, policy, societal, and ethical implications associated with modern information systems.
Prerequisite(s): CIS 185 and junior or senior standing.

CIS 388 Design Thinking 3 Credits
This undergraduate course on Design Thinking provides students with a framework for dealing with unstructured problems to create innovative business solutions. Students in this course will learn about the complex and iterative process of design thinking and its several phases, including problem finding, observation, visualization and sense making, ideation, prototyping and testing, and explore the value of design thinking for creating business solutions with lasting impact. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): JR/SR, 54+ credits, or POI.

CIS 390 Project Management 3 Credits
This course introduces students to general project management, the process of organizing resources to achieve business goals. Topics include the identification, approval, analysis, and general management of complex business projects. Project management tools, reports, techniques, and approaches will be covered.
Prerequisite(s): CIS 185.

CIS 395 Ethical & Global Impacts of IT 3 Credits
This course aims to help students realize the implications stemming from their use of technology as consumers, private citizens, and future employees, as well as those arising from the increasing use of data collection, automation, and artificial intelligence technologies by for-profit and governmental entities. Ethical, economic, social, political, and ecological impacts of technology are discussed.
Prerequisite(s): Junior or Senior standing.

CIS 399 The Co-Operative Experience 6 Credits
The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their computer information systems and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Eligible students include junior computer information systems majors with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in any computer information systems coursework completed prior to submission of the co-op application. Three of the co-op credits can be applied toward the computer information systems major, and three credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis.
Prerequisite(s): Completion of two of the three courses: CIS 200, CIS 270, and CIS330.

CIS 401 Artificial Intelligence for Business 3 Credits
Artificial Intelligence (AI) is the broadest term used to classify machines that mimic human intelligence. It is used to predict, automate, and optimize tasks that humans have historically done, such as speech and facial recognition, decision-making, and translation (IBM.com). Undoubtedly, AI is one of the most transformative and disruptive technologies of our age, which has already had a direct impact on the value chain. Private investment in AI has significantly increased in recent years, more than doubling from $42.2 billion in 2020 to $93.5 billion in 2021 (AI Index report, 2022). A recent MIT paper predicts AI will cause significant innovations in the next ten years, creating many new jobs. However, there is currently a significant AI talent shortage in the U.S. and worldwide, and the AI skills gap is expected to widen in the future. Therefore, pursuing an AI/machine learning job is a solid choice specifically for recent university graduates to secure a high-paying position that will be in demand for decades. This course was designed for students within various disciplines, such as Information Systems, Business Analytics, Marketing, Finance, and Accounting, to learn the basics of Artificial Intelligence (AI) and how AI is applied to business. In addition, students learn how to work with SAS Viya, the SAS platform for AI and Machine Learning. This course could be the students' first yet most important step in preparing for the AI job market.

CIS 410 Selected Topics in Information Systems 3 Credits
Information and communication technologies are evolving rapidly and continually. The Special Topics course facilitates the exploration of a selected topic (or combination of topics) that represents a recent technological advance with important and direct implications in the field of computer information systems. Current research, readings, lectures, discussions and/or hands-on computer experience or other appropriate measures will be employed to stimulate student learning.
Prerequisite(s): to be determined by instructor.

CIS 430 Enterprise Integration 3 Credits
The major focus of this course includes the forces driving enterprise integration as well as the management decisions associated with the design and implementation of enterprise systems. Students will use SAP ERP extensively to configure, build, test, and implement an enterprise system for a real business environment from the ground up.
Prerequisite(s): CIS 315.

CIS 490 Independent Study: Research and Creative Expression 1-4 Credits
Topic to be approved by professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.
Prerequisite(s): permission of instructor.

CIS 491 Computer Information Systems Internship 3 Credits
This is an honors course that provides the student with approximately two months of supervised employment with participating companies. Students are given a variety of information technology experiences. They are required to complete a term paper and/or to make an oral presentation to the faculty. Grading is on a pass/fail basis.
Prerequisite(s): permission of instructor.

MSD 104 Intro to Quantitative Methods 3 Credits
The aim of this course is to give students the preparation in algebra needed for successful completion of other required courses in management sciences and the functional areas of business administration. Topics covered include linear and quadratic equations and functions, systems of linear equations, exponential functions, logarithms, linear inequalities, radicals, percent change, scientific notation and scientific digits.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 106 Quantative Methods for Business II 3 Credits
An introduction to calculus. The limit, derivative, optima and integral of a function of one variable, as well as optimization of a function of two variables, are covered. Applications to problems in business and economics are discussed.
Prerequisite: MSD 105 or equivalent.

MSD 110 Math for Actuarial Science I 3 Credits
The first of two courses designed to give the actuarial science student the necessary background in calculus. Topics include a brief review of a function, and introduces limits and continuity, the derivative and its applications, implicit differentiation, differentiating an inverse function, differentials, related rates, curve sketching, optimization problems, L'Hopital's rule, and an introduction to the indefinite integral. Fall.

MSD 111 Math for Actuarial Science II 3 Credits
A continuation of MSD 110. Topics include the definite integral and the fundamental theorem of calculus, change-of-variable theorems, the area between two graphs, integration by parts, improper integrals, infinite series, partial differentiation of a function of two variables and its optimization applications, and the double integral of a function of two variables.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

MSD 260 Principles of Risk Management 3 Credits
The objective of this course is to provide students with a broad framework for evaluating all types of risk, along with conceptual tools for making risk management decisions rationally. The course focuses on studying the risk assessment and management techniques, methods, and predictive models used in industry to minimize, control, and communicate risks, including conducting various risk management protocols. This course covers the fundamental knowledge for the Associate in Risk Management (ARM) Designation of Institutes.
Prerequisite(s): CIS 185.

MSD 301 Operations Management 3 Credits
This course introduces students to the concepts and techniques necessary to manage firm operations. The course emphasizes enhancing students' ability in problem-solving and decision-making by (1) identifying operations problems, (2) structuring decision-making process, (3) evaluating options that provide resolution of the problems using appropriate and proven techniques. It is well recognized that today's global business competition is among supply chains. Operations management concentrates on the supply side of the corporate strategy of a supply chain, where the bulk of the organization resources are committed. Good management of operations, which may also be called management of supply chain operations, is crucial in achieving an effective supply chain. The emphasis on systematic thinking and analytic decision model discussed the course will also provide students with necessary skills and useful tools in the emerging field of Business Analytics.
Prerequisite(s): MSD 200 or MSD 205 or MTH 341.

MSD 320 Statistics for Risk Modeling I 3 Credits
This is the first course in a two course sequence to prepare actuarial science students for the Society of Actuaries' (SOA) new exam "Statistics for Risk Modeling." This course (SRM I), together with the second course of the sequence SRM II, cover all the topics in the SOA's proposed syllabus for the exam. The course covers two major topics: (i) Generalized Linear Models, and (ii) Regression-based time series models and forecasting.
Prerequisite(s): MSD 205 or MTH 341.

MSD 325 Statistics for Risk Modeling II 3 Credits
This is the second course in the two course sequence to prepare actuarial science students for the Society of Actuaries (SOA) new exam "Statistics for Risk Modeling." This course, together with MSD 320, will cover all the topics in the SOA's proposed syllabus for the exam. This course examines the use of statistical learning methods to adequately model and understand complex datasets in business and economics. The use of the statistics software R to analyze realistic data sets is an important component of the course. Topics include: (i) Basics of Statistical Learning; (ii) Principal Components Analysis; (iii) Decision Trees; and (iv) Cluster Analysis.
Prerequisite(s): MSD 205 or MTH 341 or equivalent course.

MSD 330 Predictive Modeling and Applications 3 Credits
This course covers a broad range of predictive models in the areas of parametric and non-parametric statistical methods. Examples include time series models and data mining. It focuses on building theoretical foundations underlying these methods and their applications to empirical data such as forecasting time series and classifications. Students are expected to acquire advanced predictive modeling skills and be comfortable with using statistics software R after taking this course. This is a required course for Actuarial Science students in preparation for the Society of Actuaries' "Statistics for Risk Modeling" exam, and an elective course for Business Data Analytics major and minor students who are interested in deepening their skills in predictive analytics.
Prerequisite(s): MSD 205 or MTH 341.

MSD 350 Financial Mathematics 3 Credits
A thorough treatment of the theory and applications of compound interest. Topics include the measurement of interest, elementary and general annuities, amortization schedules and sinking funds, and bonds and other securities.
Prerequisite(s): MSD 205 or equivalent. Fall.

MSD 361 Risk Assessment and Analysis 3 Credits
This course teaches students how to evaluate, and successfully treat risk in different organizations with advanced techniques. Students will learn about risk assessment methodologies, and different tools for risk analysis to avoid, retain, transfer, and benefit from risk. By the end of the course, students will have the skills needed to apply risk assessment and analysis methods in real-world situations. This course provides additional knowledge and hands-on experience for the Associate in Risk Management (ARM) Designation of Institutes.
Prerequisite(s): MSD 260.

MSD 490 Independent Research and Study 3 Credits
Topic to be approved by professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.

MSD 491 Management Sciences Internship 3 Credits
This Internship course will provide students with supervised employment (approximately two months) with participating companies. Students are given a variety of work experiences. They are required to complete a term paper for the faculty and receive feedback from the supervised employment.
Prerequisite(s): Permission of instructor.

International Business

Program Overview

The international business co-major is designed to enable students in the Norm Brodsky College of Business to expand the breadth and depth of their knowledge by combining international business with another business major.

Concurrent business majors include accounting, business administration, business analytics, entrepreneurial studies, finance, global supply chain management, health care management, human resource management, information systems, management and leadership, marketing, and sport management.

Student Learning Outcomes

An international business graduate will demonstrate the ability to:

- analyze cultural groups to discover how their differences affect their relation to one another;
- analyze cultural differences and rules regarding business practices;
- articulate how their own sense of culture has developed responsiveness to other cultures;
- identify culturally conscious communication practices with other cultures.

Curriculum Overview

Students in the international business co-major take four international business electives from a list including such courses as international advertising, international business law, business of global sport, business process design for a global economy, international trade and investment, comparative economic systems, international entrepreneurship, international finance, international management, and international marketing. Students may also use an independent research and study (CBA 490) with an international business focus to count as an international business elective.

Students also take an experiential elective such as a global business internship, a global business study tour, independent study or a study abroad program.

To further expand students' global perspective, international business co-majors are required to take a global liberal arts elective course. This can count as one of the four liberal arts electives required for the degree.

Degree Offered

- B.S.B.A. in International Business

Contact:

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NBCB International Partners and Programs Coordinator
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Phone Number: 609-896-7731
fanli@rider.edu

Program Website: www.rider.edu/academics/colleges-schools/cba/undergraduate/international-bu… (http://www.rider.edu/academics/colleges-schools/cba/undergraduate/international-business/)
Associated Department/College: The Norm Brodsky College of Business

Related Programs:

- Accounting (p. 19)
- Business Administration (p. 91)
- Information Systems (p. 337)
- Entrepreneurial Studies (p. 240)
- Human Resource Management (p. 333)
- Management and Leadership (p. 372)
- Marketing (p. 386)

International Business Major Requirements

- Business Administration Courses (p.)
- Liberal Arts Course Selections (p.)

Business Administration

(15 credits)

Code	Title	Credits
International Business Electives		
Select four of the following:		12
GSC 115	Introduction to Global Supply Chain Mgt.	
BUS 375	International Business Law	
CBA 490	Independent Research and Study	
CIS 375/GSC 375	Business Process Design for a Global Economy	
ECO 305	Internatl Trade and Investment	
ECO 315	Comparative Economic Systems	
ENT 375	International Entrepreneurship	
FIN 308	International Finance	
MGT 375	International Management	
MKT 330	International Marketing	
MKT 369	International Advertising	
SPT 320	Business of Global Sport	
Experiential Elective		
Select one of the following: [1]		3
BUS 492	Global Business Internship	
CBA 315	International Business Tour	
CBA 316/IND 316	Nature's Business	
CBA 317	Emerging Nations Study Tour	
CBA 490	Independent Research and Study	
GSC 315	International Business Tour	
IND 210	Global Encounters [2]	
MUS 312	The Arts Abroad	
POL 317	Model United Nations	
Global Liberal Arts Requirement		**3**
Select one course (3 credits) from the list of approved global arts electives below. Global Liberal Arts electives include courses in the humanities, social sciences, and foreign languages.		
CHI 310	Chinese Culture and Civilization	
COM 252	Intercultural Communication	
ENG 281	Global Film History: Origins to 1960	
ENG 282	Global Film History: 1961 to Present	
ENG 337	Global Literature	
FMS 250	Global Film History: Origins to 1960	
FMS 251	Global Film History: 1961 to Present	
GLS 180	Understanding Global Relations	
GLS 201	Politics of the Global Economy	
GLS 285	The Student Global Village	
GLS 310	Ethnographic Film	
GLS 318	Global Political Film	
HCP 303	Global Health and Human Rights	
HIS 191	Europe Since 1715	
HIS 249	Women in Europe from Antiquity to the French Revolution	
HIS 333	20th-Century Europe	
IND 210	Global Encounters [2]	
LIT 250	Masterworks of Western Literature I	
LIT 251	Masterworks of Western Literature II	
MUS 308/GLS 308	World Music	
PHL 207	Asian Philosophy	
POL 215/GLS 215	Global Politics	
POL 216	Comparative Political Systems	
POL 329/GLS 329	Comparative Environmental Policy	
POL 365/GLS 365	Politics of the Developing World	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
Any foreign language elective		
Total Credits		**18**

1 A semester-long study abroad program may be used to count toward this requirement.

2 International Business majors can use IND 210 to fulfill the Experiential Elective requirement or the Global Liberal Arts requirement but not both.

Courses and Descriptions

BUS 375 International Business Law 3 Credits
This course considers the impact of international organizations and treaties on global business and examines the various methods of international dispute resolution. Important legal and ethical issues related to conducting business overseas are discussed including the topics of labor and employment rights, environmental law, and intellectual property.
Prerequisite(s): 54 credits.

CIS 375 Business Process Design for a Global Economy 3 Credits
The course is aimed at generating a comprehensive understanding of the emergent domain of global business process outsourcing. Variously referred to as knowledge process outsourcing, IT-enabled services outsourcing, and business services outsourcing, the industry has seen enormous growth over the last decade and continues to grow. India commands the single largest share of this market but South Africa, Eastern Europe, Philippines, Morocco and Egypt have all emerged as other contenders in this global sector. The course is divided into four modules: the political economy of global outsourcing, process modeling, outsourcing management, and industry analysis. Please note: Students will not receive credit for both CIS 375 and GSC 375.
Prerequisite(s): junior standing.

ECO 305 Internatl Trade and Investment 3 Credits
Studies the theory, institutions, and structures underlying the international flow of trade and investment. Topics are: the theory of international trade; balance of payment analysis; the international monetary system; adjustment to balance of payment disequilibrium; regional economic integration; the economic effects of trade restrictions; and trade and foreign investment problems of developing nations.
Prerequisite(s): ECO 200 and ECO 201.

ECO 315 Comparative Economic Systems 3 Credits
Provides a conceptual framework for classifying and comparing economic systems. Presents theory of the capitalist market economy and case studies of the U.S., Japanese, French, and Swedish economies. Examines theory of the centrally planned economy, its transition, and case studies of the Soviet and its successor states, Chinese, and East European economies. Case studies are necessarily limited, concentrating on selected topics, such as transition strategies, industrial policy, etc.
Prerequisite(s): ECO 200 and ECO 201.

ENT 375 International Entrepreneurship 3 Credits
Students will learn how new or small ventures enter international markets. Requirements include developing a case about starting or running a venture in a single country of the student's choice.
Prerequisite(s): MGT 201 and junior standing.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

GSC 115 Introduction to Global Supply Chain Mgt. 3 Credits
This course introduces students to components of global supply chains and issues of managing the global supply chain. It is designed as a survey course to give first or second year business students a general view of supply chain management at both domestic and international levels, as well as familiarize them with basic concepts and major challenges of supply chain management. Delivery of course material will include lectures and guest speakers from industry, and in-class logistics mini cases.

MGT 375 International Management 3 Credits
This course explores the ways in which culture impacts management practices and organizational behavior and dynamics. Topics include cross cultural communication, expatriate selection and training, leading and motivating cross cultural teams, developing organizational strategies to compete in a global market place, international business ethics, and current topics.
Prerequisite(s): MGT 201.

MKT 330 International Marketing 3 Credits
This course examines the global marketplace and the complexities of its environmental influences, and necessary adaptations in formulating the strategies for product, pricing, promotion, channel and supply chain management.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 369 International Advertising 3 Credits
This course introduces students to the general landscape of international advertising with emphasis on understanding the opportunities and challenges entailed in international advertising management. The course will cover the subject from three aspects, including the international advertising environment, the international advertising industry, and international advertising strategies.
Prerequisite: MKT 200; 30 credits completed.

SPT 320 Business of Global Sport 3 Credits
The course explores the diverse challenges and issues facing the managers of sport enterprises in the context of the global marketplace. Issues of governance, cross-cultural interactions and business activities will be examined as they relate to modern sport at the international level. By evaluating case studies and examining current issues in the field, students will gain an understanding of the relationships and responsibilities associated with being a business professional in the global sport industry.

Journalism

Program Overview

Rider University journalism students learn news writing and reporting, editing, photography and publication design skills. These fundamentals are paired with video production tools and industry software, social media strategies and attention to computer-assisted reporting – the well-rounded basis to successfully enter careers in news, sports, features and investigative journalism. Within this major, students choose either a Broadcast Journalism or Multiplatform Journalism concentration.

Students also learn how to pitch stories to editors, how to find sources and conduct interviews, how to access key state and federal public records, and how to effectively present news content in today's multimedia world. In our state-of-the-art Mac journalism labs, students learn the Adobe design package including Photoshop and InDesign; they build audio-slideshows and video packages using Adobe Premier; and ultimately help build a journalism website using content management systems.

Many of our students participate in extracurricular activities at the university's fleet of award-winning media: The Rider News (http://www.theridernews.com) consistently wins state and regional journalism prizes from the Collegiate Press Association; The Rider University Network (http://runetwork.weebly.com) (R.U.N.) TV station has won numerous awards for audio management, video music entertainment, sports play-by-plays, and video documentaries; and in 2023, The Bronc 107.7 (http://www.1077thebronc.com) was named the best college radio station in the nation.

Curriculum Overview

Core classes in the journalism program include news reporting and writing, copy editing, publication design, feature writing, in-depth reporting, computer assisted reporting and advanced speech. Other classes include communication theory, writing for broadcast, public relations, organizational communication, photography, internal communication and more.

Degree Offered

- B.A. in Journalism
- Minor in Journalism

Contact

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Program Website: Journalism (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/journalism/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Sports Media (p. 538)
- Public Relations (p. 482)
- Radio and Podcasting (p. 493)
- Social Media Strategies (p. 512)
- Communication Studies (p. 114)
- Film & Television (p. 904)
- Graphic Design (p. 301)
- Web Design (p. 561)

Journalism Major and Concentration Requirements

(48 credits)

Journalism students must complete the requirements for the major (21 credits) and select either the Broadcast concentration or Multiplatform Journalism concentration (27 credits) to complete the program.

Journalism Major (p. 347)
Broadcast Journalism Concentration (p. 347)
Multiplatform Journalism Concentration (p. 347)

Journalism Major
(48 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core		**21**
COM 102	Introduction to News Writing	
COM 105	Communication, Culture and Media	
COM 131	Fundamentals of Video Production	
COM 264	Digital Media: Theory and Practice	
COM 204	Advanced Speech Communication	
COM 301	Communication Law	
COM 302	Communication Ethics	
Total Credits		**21**

[1]

Students may not carry a double major within the department. Communication and journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.

[2]

If a student receives a grade lower than "C" in a course required in a major or minor course in the department, the student must repeat the course. Credit will only be awarded once for a course that is repeated. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Multiplatform Journalism Concentration
(27 credits)

Code	Title	Credits
COM 203	Introduction to Social Media	3
COM 210	News Reporting and Writing	3
COM 211	Copy Editing	3
COM 212	Digital Publication Design	3
COM 315	Computer Assisted Reporting	3
COM 316	Feature Writing	3
COM 361	Photography	3
COM 415	In-Depth Reporting	3
Select one of the following:		**3**
COM 221	Speaking for Broadcast and Digital Media	
COM 232	Podcasting I	
COM 292	Content for Social Media	
COM 355	Social Justice and Journalism	
Total Credits		**27**

Broadcast Journalism Concentration
(27 credits)

Code	Title	Credits
COM 203	Introduction to Social Media	3
COM 210	News Reporting and Writing	3
COM 233	Writing for Broadcast	3
COM 315	Computer Assisted Reporting	3
COM 331	Television Production	3
or COM 270	Sports Multimedia Reporting	
COM 370	Sports Television and Field Production	3
or FTV 335	Documentary Production	
COM 380	Broadcast News Practicum	3
COM 415	In-Depth Reporting	3
Select one of the following:		**3**
COM 204	Advanced Speech Communication	
COM 221	Speaking for Broadcast and Digital Media	
COM 232	Podcasting I	
COM 261	Introduction to Web Design	
COM 292	Content for Social Media	
COM 355	Social Justice and Journalism	
Total Credits		**27**

Journalism Minor Requirements

(21 credits)

Note: Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department. (Exception: If a student elects the Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.)

Select either the Broadcast or Multiplatform Journalism minor.
Broadcast Journalism (p. 347)
Multiplatform Journalism (p. 348)

Broadcast Journalism
(21 credits)

Code	Title	Credits
COM 102	Introduction to News Writing	3
COM 210	News Reporting and Writing	3
COM 233	Writing for Broadcast	3
COM 331	Television Production [1]	3
or COM 270	Sports Multimedia Reporting	
COM 315	Computer Assisted Reporting	3
FTV 335	Documentary Production	3
or COM 370	Sports Television and Field Production	
COM 415	In-Depth Reporting	3
or COM 380	Broadcast News Practicum	
Total Credits		**21**

1 COM 270 may be taken only once to fulfill this requirement.

Multiplatform Journalism
(21 credits)

Code	Title	Credits
COM 102	Introduction to News Writing	3
COM 210	News Reporting and Writing	3
COM 211	Copy Editing	3
COM 212	Digital Publication Design	3
COM 315	Computer Assisted Reporting	3
COM 316	Feature Writing	3
COM 415	In-Depth Reporting	3
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 102	Introduction to News Writing	3
COM 131	Fundamentals of Video Production	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 105	Communication, Culture and Media	3
COM 211	Copy Editing	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 210	News Reporting and Writing	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language [1]		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 212 or COM 331 or COM 270	Digital Publication Design or Television News Production or Sports Multimedia Reporting	3
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Foreign Language [1]		3
Scientific Perspective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 203	Introduction to Social Media	3
COM 204	Advanced Speech Communication	3
COM 316 or COM 370 or FTV 335	Feature Writing or Sports Television and Field Production or Documentary Production	3
Social Perspectives		3
Elective Course Credits [6]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 301	Communication Law	3
COM 315	Computer Assisted Reporting	3
Journalism Elective		3
Elective Course Credits [6]		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 361 or COM 380	Photography [5] or Broadcast News Practicum	3
Elective Course Credits [6]		9
	Semester Credit Hours	**15**
Spring Semester		
COM 415	In-Depth Reporting	3
Elective Course Credits [6]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information visit https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/)

2

COM 211 Multiplatform Concentration, COM 233 Broadcast Concentration

3

COM 212 Multiplatform Concentration, COM 331 OR COM 270 Broadcast Concentration

4

COM 316 Multiplatform Concentration, COM 370 OR FTV 335 Broadcast Concentration

5

COM 361 Multiplatform Concentration, COM 380 Broadcast Concentration

6

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance — that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements.
Prerequisite(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Latinx Studies

Overview

Housed in the Multicultural Studies program, the Latinx Studies minor focuses on major social, cultural, and political events in the Latinx experience in the United States and across the Latinx diaspora. The coursework draws from many disciplines, including foreign languages, history, sociology, political science, literature, and cultural studies, providing a broad range of ideas and information through which students explore Latinx Studies.

Student Learning Outcomes

Upon completing the minor in Latinx Studies, students will be able to:

1. Describe major social, cultural, and political events in the Latinx experience.
2. Explore and analyze Latinx experiences through the lens of different disciplines.
3. Compare and contrast the different experiences of Latin American descent peoples within the United States and across the Latinx diaspora.
4. Identify major figures in Latinx history and understand their impact on global and American society.

Degree Offered

- Minor in Latinx Studies

Contact

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Related Programs

- History (p. 323)
- Social Justice Through Civic Engagement (p. 509)
- Political Science (p. 449)
- Sociology (p. 518)
- Spanish (p. 527)

Latinx Studies Minor Requirements

(18 credits)

Code	Title	Credits
Latinx Studies Required Courses:		
MCS 110	Race, Class and Gender in Contemporary American Society	3
MCS 210	Power and Privilege in a Multicultural Society	3
SPA 312	Latinx Cultures	3
Select three from the following:		**9**
AMS 307	Depictions of Racism in American Literature, Music, and Film	
SPA 311	Latin American Cultures	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 426	Latin American/Latino Film and Fiction	
SPA 430	Latinx Community Engagement	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 307	The Immigrant in American Life	
POL 235	Race and Ethnicity in American Politics	
POL 365	Politics of the Developing World	
SOC 207	Racial and Ethnic Relations	
SOC 345	Race and Crime	
Total Credits		**18**

Courses and Descriptions

AMS 307 Depictions of Racism in American Literature, Music, and Film 3 Credits
Depictions of Racism in American Literature, Music, and Film will study representations of racism in the American arts in historical context. Students will examine artistic representations of practices that disadvantage and disfranchise non-white Americans, with an eye toward understanding the ways America's history of racist practices has prompted responses from American writers, musicians, and filmmakers.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

HIS 283 Modern Latin America 3 Credits
Considers the post-independence history of Latin America, emphasizing the rise of export economies and external economic domination, modernization, and pan- Americanism. Examines the changes undergone by Latin-American nations in the 20th century through an analysis of Mexico, Argentina, Chile, Brazil, Peru, Cuba, and Central America.

HIS 284 Caribbean History 3 Credits
Analyzes the history of the West Indian islands and the lands bordering the Caribbean Sea from pre-Columbian times to the present.

HIS 307 The Immigrant in American Life 3 Credits
Examines the experiences of immigrants in the United States, their assimilation, the reactions to them, and their contributions.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 210 Power and Privilege in a Multicultural Society 3 Credits
This course will examine how the intersection of power and privilege shapes race, gender and class relationships in the United States. Analyses will show how the legal, economic, political and social manifestations of power influence the assignments and distribution of privilege in the United States, both in historical and contemporary contexts. The impositions of power on identity in the social assignment of privilege will be an important component of the course. The two "big questions" to be examined in this course are: How do issues of race, ethnicity, class, age, religion, gender, and sexual orientation interact with privilege? How do the tensions between power, privilege, oppression and inequality lead to movements for social justice? Various interlocking systems of privileges—justice system, educational system, medical system, political system, economic system, etc.–will be examined, using the theoretical frameworks of inequality, oppression and dependency. Prominent public policies and social movements that have challenged the notions of power and privilege, both historically and contemporarily, will be examined: civil rights, women's suffrage, affirmative action, Occupy Wall Street, LGBT rights, Metoo movement, Equal Rights Amendment, Title IX, Lilly Ledbetter Fair Pay Act, etc.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 365 Politics of the Developing World 3 Credits
Studies the major political issues of the so-called "developing" world. Particular reference to political systems of Africa, Asia, Latin America, and the Middle East according to the relevance of the examples to large conceptual issues, and according to the major interests of the instructor. Typical issues include neocolonial dependency, the role of the state in newly developed countries, military rule and democratization.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SPA 311 Latin American Cultures 3 Credits
A panoramic survey of Latin American cultural achievements in light of the unique social and political history from the pre-Columbian period to the present. Classes are in English. No knowledge of Spanish is required.

SPA 312 Latinx Cultures 3 Credits
This course focuses on the cultural formation of Latinos/as/x in the United States, as well as the social and political motivations for Latin American migration to this country. Our class will analyze and question how various Latinx communities are grouped into a single U.S.-Latino Diaspora. This course takes a transdisciplinary approach, thus we will consider literary texts (short stories, poems, films, novels), historical and anthropological studies, and sociological works in our examination of Latinx cultures. The main goals of the course are for students to begin to conceptualize: 1) how the United States has been shaped by the presence of Latino/a/x communities, and 2) how Latino/a/x experiences are reflected in literature and art. Classes are in English. No knowledge of Spanish is required.

SPA 325 Introduction to Latin-American/Latino Literature 3 Credits
A study of the development of Latin-American and Latino literature from its origins to the present through the reading, analysis and discussion of representative works by major authors. This course increases the understanding of how social, historical, and political events, together with native as well as foreign literary movements, create a unique literature, conveying the Hispanic-American reality. Required for majors. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 426 Latin American/Latino Film and Fiction 3 Credits
A study of the main trends in contemporary Hispanic fiction written in Latin America and the United States. Analysis and discussion of selected novels and short stories, and their cinematic representation on film. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

Legal Studies

Program Overview

The Legal Studies minor provides students with an in-depth knowledge and understanding of the nature and development of law, legal institutions and processes, and the relationship ethical and social issues in the business world. Courses in the program include a wide spectrum of academic departments and programs so students may benefit from studying law from diverse perspectives. Students can focus their course of study around their specific career goals by completing the required courses and selecting from a range of elective courses within

the program. In addition, the Legal Studies minor can often be combined with other major and minor programs.

Degree Offered:

- Minor in Legal Studies

Contact

Anubha Mishra, Ph.D.
Associate Professor and Chairperson
Sweigart Hall 352
609-895-5513
amishra@rider.edu (amishra@rider.edu)

Program Website: Legal Studies
Associated Department: Department of Sport Management and Legal Studies

Legal Studies Minor Requirements

(18 Credits)

Code	Title	Credits
Required courses:		**9**
BUS 210	Intro to Law: Contracts	
BUS 300	The Legal and Ethical Environment of Business	
LAW 450	Law & Justice Senior Seminar	
Elective Courses: Select three from the following list:		**9**
BUS 211	Commercial Law	
BUS 214	Advanced Business Law	
BUS 315	Health Care Law, Ethics & Policy	
BUS 375	International Business Law	
BUS 444	Selected Topics Business Policy	
COM 301	Communication Law	
HIS 301	Constitutional History of U.S.	
HRM 312	Intro to Labor Relations	
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355/SPT 355	Sports and the Law	
LAW 490	Independent Study: Research and Creative Expression	
LAW 491	Internship in Law and Justice	
POL 300	U.S. Constitutional Law	
Total Credits		**18**

Note:

Business majors may double-count a maximum of two courses toward another program.

Courses and Descriptions

BUS 210 Intro to Law: Contracts 3 Credits
An introduction to the origin of current law, with emphasis on the development of business law, students are exposed to legal terminology and acquainted with the system of application of rules of law to actual situations. The laws of contracts, particularly common-law developments, are considered in great detail.

BUS 211 Commercial Law 3 Credits
The law as related to the sale of goods, commercial paper, and secured transactions as promulgated by the Uniform Commercial Code is considered in depth. Warranties, guarantees, remedies, and product liability are explored. The laws of bankruptcy and insurance are also considered.
Prerequisite(s): BUS 210.

BUS 214 Advanced Business Law 3 Credits
This course provides students with an introduction to the fundamentals of individual and organizational forms of doing business. The laws governing agency, partnerships, corporations, and the purchase and sale of securities will be explored. The legal consequences of the relationships, and the rights and duties of the parties and entities will be discussed, as will the rules of law governing real, personal, and intellectual property, including the transfer of title to real property, the various types of bailments, the landlord-tenant relationship, and the laws concerning wills, trusts, and estates. The concerns of businesses that compete in the global environment through the study of international law will also be discussed. This course replaces the property (BUS 213) and business associations (BUS 212) courses; you may not take this course if you have taken either of these courses.
Prerequisite(s): BUS 210.

BUS 300 The Legal and Ethical Environment of Business 3 Credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered.
Prerequisite(s): 54 credits.

BUS 315 Health Care Law, Ethics & Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system.
Prerequisite(s): 24 credits.

BUS 375 International Business Law 3 Credits
This course considers the impact of international organizations and treaties on global business and examines the various methods of international dispute resolution. Important legal and ethical issues related to conducting business overseas are discussed including the topics of labor and employment rights, environmental law, and intellectual property.
Prerequisite(s): 54 credits.

BUS 444 Selected Topics Business Policy 3 Credits
The study of a selected topic of contemporary interest related to one or more of the following: strategic management, business law, business ethics, social responsibility, legal environment of business. Readings, research, lectures, discussions, and other methods will be used.
Prerequisite(s): to be determined by instructor.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

HIS 301 Constitutional History of U.S. 3 Credits
Surveys the English, Colonial, and Confederation backgrounds of American law and constitutionalism; the framing, adoption, and implementation of the Federal Constitution and its later development; the role of law in the nation's history; the changing interpretations of federalism; the growth of judicial review; and the increasing role of the Supreme Court.

HRM 312 Intro to Labor Relations 3 Credits
This course deals with the relationship of labor unions and management, the fundamentals of collective bargaining, and labor legislation. The structure and growth of unions as well as the relationships and problems that exist among private and public sector organizations, the labor force, and government are surveyed.
Prerequisite(s): MGT 310 or permission of instructor.

LAW 305 Trial Advocacy 3 Credits
Students will apply fundamental legal concepts and rules of evidence to specific cases. By engaging in trial simulations, students will evaluate various forms of evidence, identify legal principles and evidentiary rules that impact a criminal trial, learn about trial procedures, pursuit of case theories, and witness, exhibit and jury selection.

LAW 308 Conflict & Conflict Resolution 3 Credits
Focuses on understanding the meaning of conflict and strategies for its resolution. The course examines the ways conflict functions in various social contexts including professional, community, family, education, and international relations. Traditional models of adjudication will be compared to alternative forms of dispute resolution. Students will be introduced to research on the practice and effectiveness of various forms of conflict and conflict resolution. Students will participate in various class exercises, including role-plays, simulations, and case studies.

LAW 310 Cyberspace Law and Policy 3 Credits
Explores the legal and policy concerns raised by the Internet, nationally and globally. The course considers issues of legal regulation of the Internet, and consider the debate about whether cyberspace can or should be regulated. Attention will be given to the applicability of principles of law and models of regulation. Topics addressed will include jurisdiction, freedom of expression, intellectual property, privacy protection, safety concerns, equal access, electronic commerce, and computer crime.

LAW 355 Sports and the Law 3 Credits
Examines the legal, ethical, economic, social and managerial issues related to sports. Topics include liability issues, contracts, employment discrimination, antitrust law, and constitutional law. Note: This course is cross-listed as SPT 355. Students may not get credit for both LAW 355 and SPT 355.

LAW 450 Law & Justice Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of law and legal institutions and applies it to a specific legal topic, method, institution, or controversy. Topics will vary. Students explore the social, political, ethical, and economic issues relevant to the topic. Students will be expected to contribute to seminar discussions and to complete projects related to the seminar theme. Required for seniors in law and justice minor and open to others by permission of the Director of the Law and Justice Program.

LAW 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

LAW 491 Internship in Law and Justice 1-4 Credits
Provides supervised work experience in an institution, office, or agency related to law or law enforcement, such as courts, prosecutor/defense attorney offices, private law offices, state agencies, and local police departments. Students are expected to apply and broaden the knowledge obtained from law and justice minor courses to their fieldwork experience.
Prerequisite(s): 2.75 GPA and permission of the Director of the Law and Justice program.

POL 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as HLS 300. Students may not get credit for both HLS 300 and POL 300.

Liberal Studies

Program Overview

This degree program enables students, through a variety of learning experiences, to consider life in the contemporary world. The curriculum provides for the development of writing, speaking, quantitative, and critical thinking skills and exposure to bodies of knowledge shared by educated persons. The program is offered through on-campus classes for adult students enrolled in the Continuing Education Program. Students have the opportunity to share common learning experiences and to develop personal plans of study for career advancement, personal growth, and graduate study.

Curriculum Overview

The Liberal Studies major provides a flexible curriculum, with on-campus or online coursework, for students whose goal is to further their personal interests and professional objectives. In addition to the concentrations offered (p. 361), students may propose concentrations of individual design (which must be approved by the faculty committee on individual study and a CEP advisor).

Degrees Offered

- B.A. in Liberal Studies

Contact

Brooke Hunter, PhD.
Associate Dean
College of Arts and Sciences
Lynch Adler Hall, #117
609-896-5378
bhunter@rider.edu

Program Website: Liberal Studies (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/continuing-education/liberal-studies/)

Related Programs

- American Studies (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/american-studies/)
- History (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/history/)
- Political Science (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/political-science/)
- Sociology (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/sociology/)

Liberal Studies Program Requirements

(42 credits)

A candidate for graduation must complete a minimum of 120 credits. Of the required 120 credits, 36 must be in upper-level courses as determined by the respective department, including three credits from the liberal studies core and 18 from the concentration. A maximum of 30 credits from outside the arts and sciences may be presented for graduation.

Code	Title	Credits
Core Requirements		**48**
See Continuing Education Programs Core Requirements (p. 1150) [1, 2]		
Liberal Studies Core		**6**
LIB 200	Intro to Liberal Studies [3]	
LIB 400	Seminar in Liberal Studies	
Liberal Studies Concentration		**36**
Select from Humanities, Social Science, Applied Social Science, Applied Social Science with Business Studies Emphasis, Applied Social Science with Health Administration Emphasis, Global Studies, Law and Justice, Natural Science (p. 361)		
Free Electives		**30**
Total Credits		**120**

1

The quantitative skills requirement can be met by successfully completing one course in college-level mathematics or statistics. For students who don't transfer such a course to Rider, popular offerings include MTH 102, MSD 104, MSD 105, MSD 205, POL 201, PSY 201, or other mathematics courses approved by an advisor.

2

The information technology requirement may be fulfilled by completing CIS 185. Students who possess sufficient computer experience can gain credit for CIS 185 through assessment.

3

LIB 200 is waived for students who transfer 30 or more credits in liberal arts and sciences courses to Rider. Those students must complete an additional elective course.

LIB 200 Intro to Liberal Studies 3 Credits
Introduces students to the various perspectives and methods of the disciplines in liberal studies: natural and social sciences, humanities, and the arts. Students learn the multifaceted questions and answers offered by each discipline. They study the historical development of the university and the rise and transformation of liberal studies disciplines.

LIB 400 Seminar in Liberal Studies 3 Credits
A critical examination of the tradition of Western humanism and the way it has been transmitted through liberal arts education. Deals with a variable set of permanent problems in humanistic debate and learning e.g., specialization, the need for unifying theories of knowledge, the purpose of history, the place of intellectual life in mass society, the meaning of freedom, the modern problem of alienation, the responsibilities of the university, etc. Emphasis on why and how such problems have been addressed rather than any presumptive solutions.

LIB 490 Independent & Supervised Study 1-4 Credits
Independent and Supervised Study is available to CCS students for special study projects. Students much have completed a minimum of 45 credits applicable to a Rider degree and a minimum of 12 credit hours at Rider with a GPA of 2.5 or better. Each project may be taken for one-four credits and a maximum of six credits may be applied to the associate degree, 12 credits to the bachelor degree.

Areas of Concentration

For the Bachelor of Science in Liberal Studies, select one of the following concentration areas:

- Applied Social Science (p. 362) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/continuing-education-programs/bachelors-degree-programs/liberal-studies/concentrations/#applied%20social%20science)
- Applied Social Science Concentration with Business Studies Emphasis (p. 362)
- Applied Social Science Concentration with Health Administration Emphasis (p. 362) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/continuing-education-programs/bachelors-degree-programs/liberal-studies/concentrations/#applied%20social%20health)
- Global Studies (p. 363)
- Humanities (p. 363)
- Law and Justice (p. 364)
- Natural Science (p. 365)
- Natural Science Concentration with Health Administration Emphasis (p. 365)
- Social Science (p. 366)

For the Bachelor of Science in Liberal Studies Online, students may choose one of the following concentration areas:

- Applied Social Science (p. 362)
- Applied Social Science Concentration with Business Studies Emphasis (p. 362)
- Social Science (p. 366)

For assistance with concentration requirements please contact:

Dr. Brooke Hunter
Associate Dean
College of Arts and Sciences
Lynch Adler Hall, #117
609-896-5378
bhunter@rider.edu

Applied Social Science

(36 credits)

Code	Title	Credits
Communication		**3**
Any COM Course		
Law and Justice		**12**
Select four of the following:		
SOC 150	Introduction to Forensics	
SOC 210	Criminal Investigation	
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
LAW 395	Selected Topics in Law/Justice	
Political Science		**12**
Select four of the following:		
POL 100	U.S. Politics in Crisis	
POL 102	Power, Politics and Justice	
POL 200	NJ Government and Politics	
POL 210	Public Opinion	
POL 230	Methods of Political Analysis	
POL 260	Politics of Law and Order	
POL 247	Political Campaigning	
POL 325	Public Administration	
POL 326	Power in American Politics	
POL 327	Contemporary Issues in American Public Policy	
POL 335	Urban Politics	
Psychology		**3**
Any PSY course except PSY 335 or PSY 336		
Sociology		**3**
Any SOC Course		
Social Work		**3**
Any SOW course		
Total Credits		**36**

Applied Social Science Concentration with Business Studies Emphasis

(36 credits)

In addition to the required courses below, students must complete 18 credits within the Applied Social Science Concentration above or elsewhere in the program, unless otherwise noted.

Code	Title	Credits
Required Courses		
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
ACC 210	Introduction to Accounting	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
FIN 220	Introduction to Finance	3
Total Credits		**18**

Additional business electives may be taken in the following disciplines: Accounting, Business Policy and Environment, Information Systems, Economics, Finance, Health Administration, Human Resource Management, Management and Leadership, or Marketing. Credits outside the College of Arts or Sciences may not exceed 30.

Applied Social Science Concentration with Health Administration Emphasis

(36 credits)

In addition to the required courses below, students must complete 18 credits within the Applied Social Science Concentration or elsewhere in the program, unless otherwise noted.

Code	Title	Credits
Required Course:		
HTH 205	Introduction to Health Care	3
Category I		
Select two of the following:		6
BIO 206	The Pharmaceutical Industry [1]	
HTH 315	Health Care Law, Ethics and Policy	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System	
or ECO 336	Economics of Health Care Sys	
MKT 380	Health Care Marketing [1]	
Category II		
Select three of the following:		9
BIO 206	The Pharmaceutical Industry [1]	
CBA 316	Nature's Business	
ECO 335	Economics of the Public Sector	
GLS 325	Global Perspectives on Health and Illness	
HTH 215	Population Health Care Management	
HTH 315	Health Care Law, Ethics and Policy [1]	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System [1]	
or ECO 336	Economics of Health Care Sys	
HTH 491	Health Management Internship	

MGT 310	Intro to Human Resource Mgmt	
MKT 380	Health Care Marketing	
PHL 304	Medical Ethics	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 345	Health Psychology	
PSY 374	Psychology of the Family	
PSY 365	Drugs and Human Behavior	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
SOC 205	Families	
SOC 346	Health Care and Society	
SOC 347	Aging and the Elderly	
SOC 350	Social Policy	
SOW 200	Social Services & Social Work	
Total Credits		**18**

[1]

These courses may only be used to fulfill the requirements of a single category.

Global Studies

(36 credits)

Code	Title	Credits
A. General Requirements		
Select one of the following:		3
GLS 180	Understanding Global Relations	
GLS 200	The Social Construction of Global Society	
GLS 201	Politics of the Global Economy	
Foreign Language and Culture		
Foreign Language: any 6 credits		6
Cultural Perspective		**6**
Select at least 6 credits from the following:		
CHI 310	Chinese Culture and Civilization	
FRE 311	French Culture	
PHL 207	Asian Philosophy	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
B. Elective Courses		
Select seven courses from the following areas:		21
Global and Multinational Studies		
POL 210	Public Opinion	
POL 215	Global Politics	
POL 306	American Political Film	
POL 307	Political Communication	
POL 315	Global Issues	
POL 319	Terrorism, Revolutions and Political Violence	
POL 320	Politics of the Middle East	
GLS 325	Global Perspectives on Health and Illness	
POL 365	Politics of the Developing World	
COM 393	International Communication	
History		
HIS 243	Italy Middle Ages to Present	
HIS 248	History of Ireland	
HIS 281	Modern Middle East	
HIS 282	Colonial Latin America	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 286	Modern East Asia	
HIS 288	African History	
HIS 289	History of Modern Japan	
HIS 333	20th-Century Europe	
HIS 336	Modern European Intellectual History	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
Literature		
ENG 211	Major British Authors	
ENG 347	20th-Century British Literature	
LIT 250	Masterworks of Western Literature I	
LIT 251	Masterworks of Western Literature II	
LIT 370	European Short Novel	
Socio-political		
COM 393	International Communication	
POL 210	Public Opinion	
POL 215	Global Politics	
POL 306	American Political Film	
POL 307	Political Communication	
POL 315	Global Issues	
POL 320	Politics of the Middle East	
POL 365	Politics of the Developing World	
SOC 341	Developing Societies	
Global Business		
BUS 375	International Business Law	
ECO 305	Internatl Trade and Investment	
ECO 315	Comparative Economic Systems	
FIN 308	International Finance	
MGT 375	International Management	
MKT 330	International Marketing	
Global Travel Opportunities		
CBA 315	International Business Tour	
IND 210	Global Encounters	
MUS 312	The Arts Abroad	
or THE 312	The Arts Abroad	
Other travel courses as approved.		
Total Credits		**36**

Humanities

(36 credits)

Code	Title	Credits
Complete courses as indicated below:		
American Studies		**6**
Select two of the following:		

AMS 213	American Myth in Literature, Landscape, and Music	
AMS 214	Special Topics in American Studies	
AMS 215	Alfred Hitchcock in America	
AMS 225	American Folklore	
AMS 226	The New South in Literature, Music and Film	
AMS 227	Martin Luther King Jr's America	
AMS 228	Studies in American Jewish Culture	
AMS 229	American Popular Culture	
AMS 310	American Identity in the Arts	
AMS 312	American Photography	
AMS 400	Seminar in American Studies I	
AMS 401	Seminar in American Studies II	
Communication		**3**
COM 361	Photography	
English Literature and Writing		**3**
Any ENG or LIT course		
Fine Arts		**3**
Any ART, DAN, MUS or THE course		
Foreign Languages and Literatures		**3**
Any LIT, CHI, FRE, GER, ITA, or SPA course		
Gender and Sexuality Studies		**3**
Select one of the following:		
GSS 300	Feminist Literary Criticism	
GSS 312	Gender, War and Peace	
GSS 313	Gender and Ethics	
Global and Multinational Studies		**3**
Select one of the following:		
POL 306	American Political Film	
MUS 308	World Music	
GLS 310	Ethnographic Film	
Law and Justice		**3**
Select one of the following:		
LAW 395	Selected Topics in Law/Justice	
SOC 204	Law, Literature, and Film in America	
SOC 302	Crime & Justice in the Media	
Multicultural Studies		**3**
MCS 220	Issues in Multicultural Studies	
Philosophy		**3**
Any PHL course		
Political Science		**3**
POL 306/GLS 306	American Political Film	
Total Credits		**36**

Law and Justice

At least 18 credits overall must be upper level. Additional courses may be needed as prerequisites for courses in the concentration. Additional courses may be used to fulfill other requirements in the degree program.

(36 credits)

Code	Title	Credits
A. Multidisciplinary Approaches to Law, Legal Issues and Institutions		**18**
Select at least six courses from the following disciplines. A minimum of three disciplines must be represented.		
Business Policy		
BUS 210	Intro to Law: Contracts	
BUS 211	Commercial Law	
BUS 214	Advanced Business Law	
BUS 300	The Legal and Ethical Environment of Business	
BUS 315	Health Care Law, Ethics & Policy	
BUS 444	Selected Topics Business Policy	
Communication		
COM 301	Communication Law	
Health Administration		
HTH 315/BUS 315	Health Care Law, Ethics and Policy	
History		
HIS 301	Constitutional History of U.S.	
Human Resource Management		
HRM 313	Legal Aspects of Human Res Mgt	
Law and Justice Interdisciplinary Courses		
LAW 140	Intro Seminar in Law & Justice	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
LAW 395	Selected Topics in Law/Justice	
LAW 490	Independent Study: Research and Creative Expression	
LAW 496	Honors Thesis in Law & Justice	
SOC 150	Introduction to Forensics	
SOC 204	Law, Literature, and Film in America	
SOC 210	Criminal Investigation	
SOC 302	Crime & Justice in the Media	
SOC 304	Women and Law	
SOC 318	Hate Crimes in the United States	
SOC 351	The Rights of the Accused	
Philosophy		
PHL 303	Philosophy of Law	
Political Science		
POL 260	Politics of Law and Order	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 361	Courts, Judges and Politics	
Psychology		
PSY 379	Psychology and Law	
Sociology		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 216	Youth and Crime	
SOC 246	Drugs, Crime & American Society	
SOC 313	Gender and Criminal Justice	
SOC 317	Law and Lawyers	
SOC 321	White Collar and Corporate Crime	

SOC 322	Punishment and Corrections	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
SOC 345	Race and Crime	
B. Law-related Courses		**12**
Select four courses from the following disciplines. At least two disciplines must be represented.		
Students may select two additional courses from Category A (Multidisciplinary Approaches to Law, Legal Issues, and Institutions) instead of Category B (Law-related Courses).		
Communication		
COM 251	Interpersonal Communication	
COM 252/GLS 252	Intercultural Communication	
COM 302	Communication Ethics	
COM 322	Argumentation and Advocacy	
Management and Human Resources		
HRM 312	Intro to Labor Relations	
Philosophy		
PHL 115	Ethics	
PHL 202	Social Philosophy	
PHL 203	Business Ethics	
PHL 304	Medical Ethics	
PHL 360	Contemporary Ethics	
Political Science		
POL 235	Race and Ethnicity in American Politics	
POL 325	Public Administration	
POL 326	Power in American Politics	
POL 327	Contemporary Issues in American Public Policy	
POL 335	Urban Politics	
Psychology		
PSY 220	Clinical Psychology and Mental Health	
Sociology		
SOC 205	Families	
SOC 206	Deviance and Crime	
SOC 207	Racial and Ethnic Relations	
SOC 308	Cities And Suburbs	
SOC 340	Power and Politics	
SOC 350	Social Policy	
C. Theory/Application		**3**
Select one of the following:		
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 491	Internship in Law and Justice (recommended)	
SOC 307	Criminal Justice Practice	
D. Law and Justice Senior Courses		**3**
Select one of the following:		
LAW 450	Law & Justice Senior Seminar	
LAW 490	Independent Study: Research and Creative Expression	
LAW 496	Honors Thesis in Law & Justice	
Total Credits		**36**

Natural Science

(36 credits)

Code	Title	Credits
Natural Science (12 courses)		**36**
Includes courses in the following disciplines: Biochemistry (BCH), Biology (BIO), Behavioral Neuroscience (BNS), Chemistry (CHE), Geological, Environmental and Marine Sciences (GEO, ENV, MAR), Physics (PHY), Psychology (PSY)		
PSY 131	The Science of Mental Illness	
PSY 238	Sensation and Perception	
PSY 255	Biopsychology	
PSY 330	Developmental Disabilities	
PSY 333	Autism Spectrum Disorder	
PSY 335	Research Methods: Human Cognitive Neuroscience	
PSY 336	Research Methods: Animal Learning & Behavior	
PSY 345	Health Psychology	
PSY 365	Drugs and Human Behavior	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	

Natural Science Concentration with Health Administration Emphasis

(36 credits)

Code	Title	Credits
Complete 18 credits within the Natural Science concentration or elsewhere in the program, unless otherwise noted.		18
Required Course:		
HTH 205	Introduction to Health Care	3
Category I		
Select two of the following:		6
BIO 206	The Pharmaceutical Industry [1]	
HTH 315	Health Care Law, Ethics and Policy [1]	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System [1]	
or ECO 336	Economics of Health Care Sys	
MKT 380	Health Care Marketing [1]	
Category II		
Select three of the following:		9
BIO 100	Life Science	
BIO 115	Principles of Biology I	
or BIO 115L	Principles of Biology I Lab	
BIO 206	The Pharmaceutical Industry [1]	
BIO 221	Human Anatomy & Physiology I	
or BIO 221L	Human Anatomy & Physiology I Lab	
BNS 107	Life Science: Brain and Behavior	
BNS 275	Behavioral Neuroscience	
or BNS 275L	Behavioral Neuroscience Lab	
CHE 115	Chemistry & Society	
GLS 325	Global Perspectives on Health and Illness	

HTH 215	Population Health Care Management	
HTH 491	Health Management Internship	
PHL 304	Medical Ethics	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 345	Health Psychology	
PSY 365	Drugs and Human Behavior	
PSY 374	Psychology of the Family	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
Total Credits		**36**

[1]

These courses may only be used to fulfill the requirements of a single category.

Social Science

(36 credits)

Code	Title	Credits
American Studies		**6**
Select three of the following:		
AMS 210	American Memoir and Autobiography	
AMS 211	Sports in American Life	
AMS 212	Multicultural America	
AMS 214	Special Topics in American Studies	
AMS 250	America and the Future	
AMS 304	Technology and Science in America	
AMS 305	Religion in America	
AMS 311	Radicalism in 20th-Century America	
AMS 338	Social Impact of Rock and Roll	
Communication		**6**
Select two of the following:		
COM 105	Communication, Culture and Media	
COM 201	Communication Theory	
COM 205	Persuasion	
COM 301	Communication Law	
COM 302	Communication Ethics	
COM 318/GND 318	Gender and Communication	
COM 390	Communication and Society	
COM 391	Communication Criticism	
COM 393/GLS 393	International Communication	
Economics		**3**
Any ECO course		
Gender and Sexuality Studies		**3**
Select one of the following:		
GSS 100	Introduction to Gender Studies	
GSS 200	Introduction to Women's Studies	
GSS 312	Gender, War and Peace	
GSS 318	Gender and Communication	
GSS 350	Leadership and Community	
GSS 400	Seminar in Transcultural Gender and Sexuality	
History		**3**
Any HIS course		
Law and Justice		**3**
Select one of the following:		
LAW 308	Conflict & Conflict Resolution	
LAW 395	Selected Topics in Law/Justice	
SOC 210	Criminal Investigation	
SOC 304	Women and Law	
SOC 318	Hate Crimes in the United States	
SOC 351	The Rights of the Accused	
Multicultural Studies		**3**
Any MCS course		
Political Science		**3**
Any POL course		
Psychology		**3**
Any PSY course except PSY 335 or PSY 336		
Sociology		**3**
Any SOC course		
Total Credits		**36**

Liberal Studies Online

Program Overview

This degree program enables students, through a variety of learning experiences, to consider life in the contemporary world. The curriculum provides for the development of writing, speaking, quantitative, and critical thinking skills and exposure to bodies of knowledge shared by educated persons. The program is offered for adult students enrolled in the Continuing Education Programs as a fully online program. Students have the opportunity to share common learning experiences and to develop personal plans of study for career advancement, personal growth, and graduate study.

Curriculum Overview

The Liberal Studies major provides a flexible curriculum through online coursework, for students whose goal is to further their personal interests and professional objectives. In addition to the concentrations offered (p. 361), students may propose concentrations of individual design (which must be approved by the faculty committee on individual study and a CEP advisor).

Degrees Offered

- B.A. in Liberal Studies

Contact

Brooke Hunter, PhD.
Associate Dean
College of Arts and Sciences
Lynch Adler Hall, #117
609-896-5378
bhunter@rider.edu

Liberal Studies Online Program Requirements

(42 credits)

A candidate for graduation must complete a minimum of 120 credits. Of the required 120 credits, 36 must be in upper-level courses as determined by the respective department, including three credits from the liberal studies core and 18 credits from the selected concentration. A maximum of 30 credits from outside the arts and sciences may be presented for graduation.

Code	Title	Credits
Core Requirements		**48**
See Continuing Education Programs Core Requirements (p. 1150) [1,2]		
Liberal Studies Core		
Complete the following courses:		
LIB 200	Intro to Liberal Studies [3]	3
LIB 400	Seminar in Liberal Studies	3
Liberal Studies Concentration		**36**
Select Social Science, Applied Social Science or Applied Social Science with Business Studies Emphasis (p. 361)		
Free Electives		**30**
Total Credits		**120**

Courses and Descriptions

LIB 200 Intro to Liberal Studies 3 Credits
Introduces students to the various perspectives and methods of the disciplines in liberal studies: natural and social sciences, humanities, and the arts. Students learn the multifaceted questions and answers offered by each discipline. They study the historical development of the university and the rise and transformation of liberal studies disciplines.

LIB 400 Seminar in Liberal Studies 3 Credits
A critical examination of the tradition of Western humanism and the way it has been transmitted through liberal arts education. Deals with a variable set of permanent problems in humanistic debate and learning e.g., specialization, the need for unifying theories of knowledge, the purpose of history, the place of intellectual life in mass society, the meaning of freedom, the modern problem of alienation, the responsibilities of the university, etc. Emphasis on why and how such problems have been addressed rather than any presumptive solutions.

LIB 490 Independent & Supervised Study 1-4 Credits
Independent and Supervised Study is available to CCS students for special study projects. Students much have completed a minimum of 45 credits applicable to a Rider degree and a minimum of 12 credit hours at Rider with a GPA of 2.5 or better. Each project may be taken for one-four credits and a maximum of six credits may be applied to the associate degree, 12 credits to the bachelor degree.

Areas of Concentration

For the Bachelor of Science in Liberal Studies, select one of the following concentration areas:

- Applied Social Science (p. 362) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/continuing-education-programs/bachelors-degree-programs/liberal-studies/concentrations/#applied%20social%20science)
- Applied Social Science Concentration with Business Studies Emphasis (p. 362)
- Applied Social Science Concentration with Health Administration Emphasis (p. 362) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/continuing-education-programs/bachelors-degree-programs/liberal-studies/concentrations/#applied%20social%20health)
- Global Studies (p. 363)
- Humanities (p. 363)
- Law and Justice (p. 364)
- Natural Science (p. 365)
- Natural Science Concentration with Health Administration Emphasis (p. 365)
- Social Science (p. 366)

For the Bachelor of Science in Liberal Studies Online, students may choose one of the following concentration areas:

- Applied Social Science (p. 362)
- Applied Social Science Concentration with Business Studies Emphasis (p. 362)
- Social Science (p. 366)

For assistance with concentration requirements please contact:

Dr. Brooke Hunter
Associate Dean
College of Arts and Sciences
Lynch Adler Hall, #117
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bhunter@rider.edu

Applied Social Science

(36 credits)

Code	Title	Credits
Communication		**3**
Any COM Course		
Law and Justice		**12**
Select four of the following:		
SOC 150	Introduction to Forensics	
SOC 210	Criminal Investigation	
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
LAW 395	Selected Topics in Law/Justice	
Political Science		**12**
Select four of the following:		
POL 100	U.S. Politics in Crisis	
POL 102	Power, Politics and Justice	
POL 200	NJ Government and Politics	
POL 210	Public Opinion	
POL 230	Methods of Political Analysis	
POL 260	Politics of Law and Order	
POL 247	Political Campaigning	
POL 325	Public Administration	
POL 326	Power in American Politics	
POL 327	Contemporary Issues in American Public Policy	
POL 335	Urban Politics	
Psychology		**3**
Any PSY course except PSY 335 or PSY 336		
Sociology		**3**

Any SOC Course	
Social Work	**3**
Any SOW course	
Total Credits	**36**

Applied Social Science Concentration with Business Studies Emphasis

(36 credits)

In addition to the required courses below, students must complete 18 credits within the Applied Social Science Concentration above or elsewhere in the program, unless otherwise noted.

Code	Title	Credits
Required Courses		
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
ACC 210	Introduction to Accounting	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
FIN 220	Introduction to Finance	3
Total Credits		**18**

Additional business electives may be taken in the following disciplines: Accounting, Business Policy and Environment, Information Systems, Economics, Finance, Health Administration, Human Resource Management, Management and Leadership, or Marketing. Credits outside the College of Arts or Sciences may not exceed 30.

Applied Social Science Concentration with Health Administration Emphasis

(36 credits)

In addition to the required courses below, students must complete 18 credits within the Applied Social Science Concentration or elsewhere in the program, unless otherwise noted.

Code	Title	Credits
Required Course:		
HTH 205	Introduction to Health Care	3
Category I		
Select two of the following:		6
BIO 206	The Pharmaceutical Industry [1]	
HTH 315	Health Care Law, Ethics and Policy	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System	
or ECO 336	Economics of Health Care Sys	
MKT 380	Health Care Marketing [1]	
Category II		
Select three of the following:		9
BIO 206	The Pharmaceutical Industry [1]	
CBA 316	Nature's Business	
ECO 335	Economics of the Public Sector	
GLS 325	Global Perspectives on Health and Illness	
HTH 215	Population Health Care Management	
HTH 315	Health Care Law, Ethics and Policy [1]	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System [1]	
or ECO 336	Economics of Health Care Sys	
HTH 491	Health Management Internship	
MGT 310	Intro to Human Resource Mgmt	
MKT 380	Health Care Marketing	
PHL 304	Medical Ethics	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 345	Health Psychology	
PSY 374	Psychology of the Family	
PSY 365	Drugs and Human Behavior	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
SOC 205	Families	
SOC 346	Health Care and Society	
SOC 347	Aging and the Elderly	
SOC 350	Social Policy	
SOW 200	Social Services & Social Work	
Total Credits		**18**

1 These courses may only be used to fulfill the requirements of a single category.

Global Studies

(36 credits)

Code	Title	Credits
A. General Requirements		
Select one of the following:		3
GLS 180	Understanding Global Relations	
GLS 200	The Social Construction of Global Society	
GLS 201	Politics of the Global Economy	
Foreign Language and Culture		
Foreign Language: any 6 credits		6
Cultural Perspective		**6**
Select at least 6 credits from the following:		
CHI 310	Chinese Culture and Civilization	
FRE 311	French Culture	
PHL 207	Asian Philosophy	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
B. Elective Courses		
Select seven courses from the following areas:		21
Global and Multinational Studies		
POL 210	Public Opinion	
POL 215	Global Politics	
POL 306	American Political Film	
POL 307	Political Communication	
POL 315	Global Issues	

POL 319	Terrorism, Revolutions and Political Violence
POL 320	Politics of the Middle East
GLS 325	Global Perspectives on Health and Illness
POL 365	Politics of the Developing World
COM 393	International Communication
History	
HIS 243	Italy Middle Ages to Present
HIS 248	History of Ireland
HIS 281	Modern Middle East
HIS 282	Colonial Latin America
HIS 283	Modern Latin America
HIS 284	Caribbean History
HIS 286	Modern East Asia
HIS 288	African History
HIS 289	History of Modern Japan
HIS 333	20th-Century Europe
HIS 336	Modern European Intellectual History
HIS 341	China in Revolution
HIS 342	Women in East Asia
Literature	
ENG 211	Major British Authors
ENG 347	20th-Century British Literature
LIT 250	Masterworks of Western Literature I
LIT 251	Masterworks of Western Literature II
LIT 370	European Short Novel
Socio-political	
COM 393	International Communication
POL 210	Public Opinion
POL 215	Global Politics
POL 306	American Political Film
POL 307	Political Communication
POL 315	Global Issues
POL 320	Politics of the Middle East
POL 365	Politics of the Developing World
SOC 341	Developing Societies
Global Business	
BUS 375	International Business Law
ECO 305	Internatl Trade and Investment
ECO 315	Comparative Economic Systems
FIN 308	International Finance
MGT 375	International Management
MKT 330	International Marketing
Global Travel Opportunities	
CBA 315	International Business Tour
IND 210	Global Encounters
MUS 312	The Arts Abroad
or THE 312	The Arts Abroad
Other travel courses as approved.	
Total Credits	**36**

Humanities

(36 credits)

Code	Title	Credits
Complete courses as indicated below:		
American Studies		**6**
Select two of the following:		
AMS 213	American Myth in Literature, Landscape, and Music	
AMS 214	Special Topics in American Studies	
AMS 215	Alfred Hitchcock in America	
AMS 225	American Folklore	
AMS 226	The New South in Literature, Music and Film	
AMS 227	Martin Luther King Jr's America	
AMS 228	Studies in American Jewish Culture	
AMS 229	American Popular Culture	
AMS 310	American Identity in the Arts	
AMS 312	American Photography	
AMS 400	Seminar in American Studies I	
AMS 401	Seminar in American Studies II	
Communication		**3**
COM 361	Photography	
English Literature and Writing		**3**
Any ENG or LIT course		
Fine Arts		**3**
Any ART, DAN, MUS or THE course		
Foreign Languages and Literatures		**3**
Any LIT, CHI, FRE, GER, ITA, or SPA course		
Gender and Sexuality Studies		**3**
Select one of the following:		
GSS 300	Feminist Literary Criticism	
GSS 312	Gender, War and Peace	
GSS 313	Gender and Ethics	
Global and Multinational Studies		**3**
Select one of the following:		
POL 306	American Political Film	
MUS 308	World Music	
GLS 310	Ethnographic Film	
Law and Justice		**3**
Select one of the following:		
LAW 395	Selected Topics in Law/Justice	
SOC 204	Law, Literature, and Film in America	
SOC 302	Crime & Justice in the Media	
Multicultural Studies		**3**
MCS 220	Issues in Multicultural Studies	
Philosophy		**3**
Any PHL course		
Political Science		**3**
POL 306/GLS 306	American Political Film	
Total Credits		**36**

Law and Justice

At least 18 credits overall must be upper level. Additional courses may be needed as prerequisites for courses in the concentration. Additional courses may be used to fulfill other requirements in the degree program.

(36 credits)

Code	Title	Credits
A. Multidisciplinary Approaches to Law, Legal Issues and Institutions		**18**
Select at least six courses from the following disciplines. A minimum of three disciplines must be represented.		
Business Policy		
BUS 210	Intro to Law: Contracts	
BUS 211	Commercial Law	
BUS 214	Advanced Business Law	
BUS 300	The Legal and Ethical Environment of Business	
BUS 315	Health Care Law, Ethics & Policy	
BUS 444	Selected Topics Business Policy	
Communication		
COM 301	Communication Law	
Health Administration		
HTH 315/BUS 315	Health Care Law, Ethics and Policy	
History		
HIS 301	Constitutional History of U.S.	
Human Resource Management		
HRM 313	Legal Aspects of Human Res Mgt	
Law and Justice Interdisciplinary Courses		
LAW 140	Intro Seminar in Law & Justice	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
LAW 395	Selected Topics in Law/Justice	
LAW 490	Independent Study: Research and Creative Expression	
LAW 496	Honors Thesis in Law & Justice	
SOC 150	Introduction to Forensics	
SOC 204	Law, Literature, and Film in America	
SOC 210	Criminal Investigation	
SOC 302	Crime & Justice in the Media	
SOC 304	Women and Law	
SOC 318	Hate Crimes in the United States	
SOC 351	The Rights of the Accused	
Philosophy		
PHL 303	Philosophy of Law	
Political Science		
POL 260	Politics of Law and Order	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 361	Courts, Judges and Politics	
Psychology		
PSY 379	Psychology and Law	
Sociology		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 216	Youth and Crime	
SOC 246	Drugs, Crime & American Society	
SOC 313	Gender and Criminal Justice	
SOC 317	Law and Lawyers	
SOC 321	White Collar and Corporate Crime	
SOC 322	Punishment and Corrections	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
SOC 345	Race and Crime	
B. Law-related Courses		**12**
Select four courses from the following disciplines. At least two disciplines must be represented.		
Students may select two additional courses from Category A (Multidisciplinary Approaches to Law, Legal Issues, and Institutions) instead of Category B (Law-related Courses).		
Communication		
COM 251	Interpersonal Communication	
COM 252/GLS 252	Intercultural Communication	
COM 302	Communication Ethics	
COM 322	Argumentation and Advocacy	
Management and Human Resources		
HRM 312	Intro to Labor Relations	
Philosophy		
PHL 115	Ethics	
PHL 202	Social Philosophy	
PHL 203	Business Ethics	
PHL 304	Medical Ethics	
PHL 360	Contemporary Ethics	
Political Science		
POL 235	Race and Ethnicity in American Politics	
POL 325	Public Administration	
POL 326	Power in American Politics	
POL 327	Contemporary Issues in American Public Policy	
POL 335	Urban Politics	
Psychology		
PSY 220	Clinical Psychology and Mental Health	
Sociology		
SOC 205	Families	
SOC 206	Deviance and Crime	
SOC 207	Racial and Ethnic Relations	
SOC 308	Cities And Suburbs	
SOC 340	Power and Politics	
SOC 350	Social Policy	
C. Theory/Application		**3**
Select one of the following:		
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 491	Internship in Law and Justice (recommended)	
SOC 307	Criminal Justice Practice	
D. Law and Justice Senior Courses		**3**

Select one of the following:

LAW 450	Law & Justice Senior Seminar
LAW 490	Independent Study: Research and Creative Expression
LAW 496	Honors Thesis in Law & Justice
Total Credits	**36**

Natural Science

(36 credits)

Code	Title	Credits
Natural Science (12 courses)		**36**
Includes courses in the following disciplines: Biochemistry (BCH), Biology (BIO), Behavioral Neuroscience (BNS), Chemistry (CHE), Geological, Environmental and Marine Sciences (GEO, ENV, MAR), Physics (PHY), Psychology (PSY)		
PSY 131	The Science of Mental Illness	
PSY 238	Sensation and Perception	
PSY 255	Biopsychology	
PSY 330	Developmental Disabilities	
PSY 333	Autism Spectrum Disorder	
PSY 335	Research Methods: Human Cognitive Neuroscience	
PSY 336	Research Methods: Animal Learning & Behavior	
PSY 345	Health Psychology	
PSY 365	Drugs and Human Behavior	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	

Natural Science Concentration with Health Administration Emphasis

(36 credits)

Code	Title	Credits
Complete 18 credits within the Natural Science concentration or elsewhere in the program, unless otherwise noted.		18
Required Course:		
HTH 205	Introduction to Health Care	3
Category I		
Select two of the following:		6
BIO 206	The Pharmaceutical Industry [1]	
HTH 315	Health Care Law, Ethics and Policy [1]	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System [1]	
or ECO 336	Economics of Health Care Sys	
MKT 380	Health Care Marketing [1]	
Category II		
Select three of the following:		9
BIO 100	Life Science	
BIO 115	Principles of Biology I	
or BIO 115L	Principles of Biology I Lab	
BIO 206	The Pharmaceutical Industry [1]	
BIO 221	Human Anatomy & Physiology I	
or BIO 221L	Human Anatomy & Physiology I Lab	
BNS 107	Life Science: Brain and Behavior	
BNS 275	Behavioral Neuroscience	
or BNS 275L	Behavioral Neuroscience Lab	
CHE 115	Chemistry & Society	
GLS 325	Global Perspectives on Health and Illness	
HTH 215	Population Health Care Management	
HTH 491	Health Management Internship	
PHL 304	Medical Ethics	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 345	Health Psychology	
PSY 365	Drugs and Human Behavior	
PSY 374	Psychology of the Family	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
Total Credits		**36**

1

These courses may only be used to fulfill the requirements of a single category.

Social Science

(36 credits)

Code	Title	Credits
American Studies		**6**
Select three of the following:		
AMS 210	American Memoir and Autobiography	
AMS 211	Sports in American Life	
AMS 212	Multicultural America	
AMS 214	Special Topics in American Studies	
AMS 250	America and the Future	
AMS 304	Technology and Science in America	
AMS 305	Religion in America	
AMS 311	Radicalism in 20th-Century America	
AMS 338	Social Impact of Rock and Roll	
Communication		**6**
Select two of the following:		
COM 105	Communication, Culture and Media	
COM 201	Communication Theory	
COM 205	Persuasion	
COM 301	Communication Law	
COM 302	Communication Ethics	
COM 318/GND 318	Gender and Communication	
COM 390	Communication and Society	
COM 391	Communication Criticism	
COM 393/GLS 393	International Communication	
Economics		**3**
Any ECO course		
Gender and Sexuality Studies		**3**

Select one of the following:		
GSS 100	Introduction to Gender Studies	
GSS 200	Introduction to Women's Studies	
GSS 312	Gender, War and Peace	
GSS 318	Gender and Communication	
GSS 350	Leadership and Community	
GSS 400	Seminar in Transcultural Gender and Sexuality	
History		**3**
Any HIS course		
Law and Justice		**3**
Select one of the following:		
LAW 308	Conflict & Conflict Resolution	
LAW 395	Selected Topics in Law/Justice	
SOC 210	Criminal Investigation	
SOC 304	Women and Law	
SOC 318	Hate Crimes in the United States	
SOC 351	The Rights of the Accused	
Multicultural Studies		**3**
Any MCS course		
Political Science		**3**
Any POL course		
Psychology		**3**
Any PSY course except PSY 335 or PSY 336		
Sociology		**3**
Any SOC course		
Total Credits		**36**

Management and Leadership

Program Overview

The manager's job is fast-paced and requires the ability to make decisions and facilitate the work of others. The management and leadership major gives students the knowledge and skills they need to compete in a rapidly changing global marketplace. Firms of all sizes and in all fields need good managers who know how to motivate subordinates, manage teams, resolve conflicts, and lead by example. Businesses want new employees who can handle themselves as subordinates, supervisors, and team members. Whether students are looking for a position with a medium to large organization or thinking of starting companies of their own, the management and leadership major provides the knowledge and skills they will need to be successful.

A 12 credit Certificate in Management and Leadership is offered to complement any major area of study. The ability to motivate and inspire others toward a common goal is a highly desirable skill that is relevant to almost any work context. The certificate will also provide students with an advantage in their job search as employers highly value students with superior leadership skills. Students will gain an understanding of important leadership skills, which are valued in all work settings across all industries.

Curriculum Overview

Courses in the program include Team Management, Management Skills, Introduction to Human Resource Management, Managing Workforce Diversity, Ethical Management, Small Business Management, Negotiation, International Management, Advanced Leadership, and more.

Degree Offered

- B.S.B.A. in Management & Leadership
- Certificate in Management & Leadership

Contact

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Sweigart Hall 237
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Program Website: Management & Leadership B.S.B.A (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/management-and-leadership/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)

Related Programs

- Entrepreneurial Studies (p. 240)
- Health Care Management (p. 314)
- Human Resource Management (p. 333)
- Sport Management (p. 532)

Requirements for the Major

(18 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
MGT 355	Team Management [1]	3
MGT 363	Management Skills [1]	3
MGT 450	Advanced Leadership	3
Select three of the following:		9
ENT 348	Small Business Management	
ENT 448	Small Business Consulting Sem	
MGT 310	Intro to Human Resource Mgmt	
MGT 320	Managing Workforce Diversity	
MGT 346	Negotiation	
MGT 375	International Management	
MGT 410	Ethical Management	
MGT 421	Sel Topics:Mgt & Organztn Behv	
MGT 490	Independent Research and Study	
Total Credits		**18**

1

Management and Leadership students who choose to apply either MGT 355 or MGT 363 toward the Leadership Elective must complete an additional 3 credits of free electives for graduation.

Note: An average grade of "C" or better is required in the 18 semester credit hours that are required for the management and leadership major. Majors are encouraged to take MGT 491 Internship as a free elective.

Management and Leadership Certificate

(12 credits)

All Management Certificate participants must successfully complete and achieve grades of C- or better in each of these management courses:

Code	Title	Credits
Required Courses:		
MGT 201	Fund Management & Org Behavior	3
MGT 320	Managing Workforce Diversity	3
MGT 355	Team Management	3
MGT 363	Management Skills	3
Total Credits		**12**

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Humanities Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
Management & Leadership Elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
MGT 355 or MGT 363	Team Management or Management Skills	3
Free Elective		3
Social Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MSD 301	Operations Management	3
MGT 355 or MGT 363	Team Management or Management Skills	3
MGT 375	International Management [3]	3
Free Elective		3
Liberal Arts Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Mgmt & Leadership Elective		3
Free Elective (International Business) [3]		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MGT 450	Advanced Leadership	3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Note: The Leadership Elective requirement is not listed above because MGT 355 (Team Management) and MGT 363 (Management Skills), which are required for the Management & Leadership major, both satisfy the Leadership Elective requirement. An additional 3-credit free elective has been added in the plan above.

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Social Science Elective		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Humanities Elective		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MGT 355 or MGT 363	Team Management [2] or Management Skills	3
Mgmt & Leadership Elective		3
Free Elective		3
Liberal Arts Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MGT 355 or MGT 363	Team Management [2] or Management Skills	3
MGT 375	International Management [1]	3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MGT 450	Advanced Leadership	3
Management & Leadership Elective		3
Free Elective (International Business) [1]		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses (MGT 375 International Management) or as free elective courses.

2

The Leadership Elective requirement is not listed because MGT 355 Team Management and MGT 363 Management Skills (required for the Management major) both satisfy the Leadership Elective requirement. An additional 3-credit free elective has been added.

Additional Notes:

- This accelerated plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448, ECO 450.)

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored. **Prerequisite**(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

MGT 329 Research Methods in Organizational Psychology 4 Credits
his course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 329L Research Methods: Org Psy Lab 0 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 336 Career Management 3 Credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this course. The meaning of work and the development of careers are discussed, and students undertake self-assessment for the purpose of career planning. Careers are examined in the context of important changes occurring today in the world of work. The impact of the executive, organizational counselors and trainers, and the educational system upon the development of human potential is examined, along with the techniques for human resource planning and development.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 346 Negotiation 3 Credits
The purpose of this course is first, to explore the major concepts and theories behind effective negotiating practices and second, to develop negotiating skills applicable to a wide range of contexts. A knowledge of negotiation is a crucial requirement for anyone interested in a business career since it is a common mechanism for implementing change and for resolving conflict in the workplace. Topics will include two-party negotiations, power and politics, mediation, arbitration, and collective bargaining. A variety of teaching techniques will be used including readings, discussion, and role-playing.
Prerequisite(s): MGT 201 or permission of the instructor.

MGT 355 Team Management 3 Credits
This course prepares students to work in organizations that use teams as an integral part of their functioning-an increasingly common practice. The class involves intensive group interaction, focusing on individual growth in group settings. Working with other students in role-plays, exercises, and team assignments allows the student to develop better communication and leadership skills.
Prerequisite(s): MGT 201 or PSY 210.

MGT 363 Management Skills 3 Credits
The focus of this course is on specific skills necessary for success in a management role. These skills include leading, communicating effectively, delegating, conflict and time management and motivating others. Students will have opportunities to practice skills and to apply their knowledge to business cases.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 375 International Management 3 Credits
This course explores the ways in which culture impacts management practices and organizational behavior and dynamics. Topics include cross cultural communication, expatriate selection and training, leading and motivating cross cultural teams, developing organizational strategies to compete in a global market place, international business ethics, and current topics.
Prerequisite(s): MGT 201.

MGT 399 Co-Op in Management and Leadership 6 Credits
This co-op program provides management students with an opportunity to work full-time in a company and apply what they have learned in their Management and Leadership classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a work journal and reflection paper. Supervising faculty will meet with the student regularly to discuss their progress and accomplishments in the co-op. Co-op credits can be applied toward business or free elective requirements.
Prerequisites: Junior status with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in the major.

MGT 410 Ethical Management 3 Credits
Managers today face a broad range of ethically challenging situations. This course will help students to confront and analyze ethical dilemmas effectively in the workplace. Cases, simulations, hands-on content will engage students with the material, and will generate robust class discussion.
Prerequisite(s): Completion of MGT 201 and Leadership Requirement course.

MGT 421 Sel Topics:Mgt & Organztn Behv 3 Credits
The seminar focuses on an area of study announced at the time of registration (students should check the registration material). Examples of possible topics are: leadership, motivation, and organizational behavior research. Prerequisites vary according to the topic and are listed in the registration material.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 450 Advanced Leadership 3 Credits
Leadership is the ability to influence a group of people towards a goal. In this course, students will increase their own leadership capacities so that they can become effective leaders of organizations and teams. They will integrate what they have learned from their experience and other coursework with diverse reading and writing assignments and team projects as they explore complex leadership issues related to vision, communication, motivation, ethics, team dynamics, power, and change management.
Prerequisite(s): MGT 201; Leadership elective (LDP 200, LDP 220, LDP 398, MGT 355, MGT 363).

MGT 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or MGT major elective.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 491 Intern Management/Org Behavior 3 Credits
Provides the student with the opportunity to supplement and apply their management and leadership classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): major in management and leadership or human resource management and MGT 363, or senior status; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

Management and Leadership/Human Resource Management Double Major

Program Overview

Rider's management and leadership major gives students the knowledge and skills they need to compete in a rapidly changing global marketplace. Whether students are looking for a position with a medium to large organization or thinking of starting companies of their own, the management and leadership major provides the knowledge and skills they will need to be successful.

Human Resource Management (HRM) professionals are vital to organizations. With private and public-sector organizations becoming more concerned with issues such as legal compliance, corporate culture and ensuring employee work behaviors are aligned with strategic objectives, the demand for well-trained HRM professionals is constantly growing. They establish and implement policies that affect such organizational functions as recruitment, selection, training and development, performance management, compensation and benefits.

Curriculum Overview

Management and Leadership

Rider's management and leadership major opens the possibility of becoming a manager and leader in any industry or field. Businesses want their new employees to handle themselves as subordinates, supervisors and team members. Our management and leadership major provides hands-on training in these people skills. The major also provides students with a comprehensive understanding of management theories, so that students don't have to learn what works and what doesn't by trial-and-error on-the-job.

Human Resource Management

Human resource management professionals establish and implement policies that influence recruitment, selection, training and development of employees. They also work in areas of development, performance management, compensation, and benefits. HRM professionals may be involved with human resource planning, job design and developing and implementing strategy.

Our HRM program has been ranked among the top 20 Human Resource Management programs in the US, and placed as the #3 undergraduate HRM program in New Jersey by College Factual. The Society of Human Resource Management (SHRM) has acknowledged that our curriculum is fully aligned with SHRM's competency model for the HR profession. This connection to the profession, coupled with Rider's engaged learning program, makes Rider a great place to study Human Resource Management.

The department majors are valuable for students who want to pursue graduate studies in HRM, management, law and psychology. The majors may be taken alone, together or in combination with another major offered by the College of Business Administration.

Degree Offered

- B.S.B.A. in Management and Leadership
- B.S.B.A in Human Resource Management

Contact

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Program Website: M (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-majors-programs-0/managemen/)anagement and Leadership (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/management-leadership/)

Associated Department: Department of Management and Leadership (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/management-leadership/)

Related Programs:

- Business Administration (p. 91)
- Entrepreneurial Studies (p. 240)
- Health Administration (p. 311)
- Human Resource Management (p. 333)
- Management and Leadership (p. 372)

Requirements for the Double Major

(33 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		

MGT 310	Intro to Human Resource Mgmt	3
MGT 355	Team Management [1]	3
MGT 363	Management Skills [1]	3
MGT 375	International Management	3
MGT 450	Advanced Leadership	3
HRM 315	Employee Selection & Training	3
HRM 316	Employee Compensation Systems	3
Select four of the following courses, with at least one being an HRM course:		12
HRM 312	Intro to Labor Relations	
HRM 333	Employee Engagement	
HRM 441	Sel. Topics: Human Res Mgt [2]	
MGT 320	Managing Workforce Diversity	
MGT 346	Negotiation	
ENT 348	Small Business Management	
ENT 448	Small Business Consulting Sem	
MGT 410	Ethical Management	
HRM 490	Independent Research and Study	
MGT 490	Independent Research and Study	
MGT 421	Sel Topics:Mgt & Organztn Behv [2]	
Total Credits		**33**

1

Management and Human Resource Management double majors have the option of completing MGT 355 Team Management or MGT 363 Management Skills for their major requirements as well as for their Leadership Elective requirement. If a student chooses to count either MGT 355 or MGT 363 toward the Leadership Elective, the student must complete 3 credits of free elective for graduation.

2

Either MGT 421 or HRM 441 can be taken, not both.

3

Either MGT 490 or HRM 490 can be taken, not both

Note:

- An average grade of "C" or better is required in the 33 semester credit hours that are required for the management and leadership and human resource management double major. Majors are encouraged to take either MGT 491 Intern Management/Org Behavior OR HRM 492 Internship in Human Res Mgt as a free elective.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Humanities Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 310	Intro to Human Resource Mgmt	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
HRM 315	Employee Selection & Training	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MGT 355 or MGT 363	Team Management or Management Skills	3
Major Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MSD 301	Operations Management	3
MGT 355 or MGT 363	Team Management or Management Skills	3
Major Elective		3
Liberal Arts Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
HRM 316	Employee Compensation Systems	3
MGT 375	International Management [3]	3
Major Elective		3
Free Elective (International Business) [3]		3

Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MGT 450	Advanced Leadership	3
BUS 400	Strategic Management and Policy	3
Major Elective		3
Social Science Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

Note: The Leadership Elective requirement is not listed becauseMGT 355 (Team Management) and MGT 363 (Management Skills), which are required for the Management & Leadership major, both satisfy the Leadership Elective requirement. An additional 3-credit free elective has been added.

HRM 312 Intro to Labor Relations 3 Credits
This course deals with the relationship of labor unions and management, the fundamentals of collective bargaining, and labor legislation. The structure and growth of unions as well as the relationships and problems that exist among private and public sector organizations, the labor force, and government are surveyed.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 313 Legal Aspects of Human Res Mgt 3 Credits
This course deals with the various laws that affect human resource management, including social insurance, legislation, minimum wage laws, OSHA , ERISA, as well as equal employment opportunity legislation. This course is concerned not only with the provisions of these laws, but also with their constitutionality, their effects, and how they are administered.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 315 Employee Selection & Training 3 Credits
This course explains the processes involved in selecting and training employees. With regards to selection, specific examples include, evaluating applicant credentials, administering pre-employment tests and complying with equal employment opportunity legislation. With regards to training, topics include assessing the need for training, designing effective training programs, utilizing methods such as technology to deliver training, and evaluating the effectiveness of training programs.
Prerequisite(s): MGT 310.

HRM 316 Employee Compensation Systems 3 Credits
The goal of this course is to familiarize you with the common methods of compensation used by today's organizations and how these methods could be used to increase motivation, job satisfaction, and performance in the workplace. To accomplish this, we will first discuss the bases of motivation in the workplace. Next, we will then talk about the various compensation options and techniques and the strengths and weaknesses of each in maximizing motivation and performance in an organization.
Prerequisite(s): MGT 310.

HRM 333 Employee Engagement 3 Credits
Employee Engagement is commonly described as a focused passion and enthusiasm that employees bring to their work that produces high-quality performance and positive organizational outcomes such as enhanced firm reputation, customer loyalty, and profitability. In this course, students will explore the concept and value of Employee Engagement, and strategies for energizing an organization's workforce. Projects and activities will focus on the role of the Human Resource function in measuring employee attitudes, designing relevant interventions, and influencing a culture of engagement.
Prerequisite(s): MGT 310.

HRM 441 Sel. Topics: Human Res Mgt 3 Credits
Deals with one area of study in the field of human resource management such as protective labor legislation, mediation and arbitration, the administration of labor unions, or case problems in human resource management. The topic varies each semester and is announced at the time of registration.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or HRM major elective.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 491 Internship 1-4 Credits
Provides the student with the opportunity to supplement and apply human resource management coursework in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing work experiences. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): Junior or Senior; Major in human resource management and MGT 310; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

HRM 492 Internship in Human Res Mgt 3 Credits
Provides the student with the opportunity to supplement and apply their human resource management classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions. 2.75 GPA overall and 3.0 GPA in the major is required.
Prerequisite(s): major in human resource management or management and leadership, and MGT 310; senior status; and permission of instructor.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

MGT 329 Research Methods in Organizational Psychology 4 Credits
his course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 329L Research Methods: Org Psy Lab 0 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 336 Career Management 3 Credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this course. The meaning of work and the development of careers are discussed, and students undertake self-assessment for the purpose of career planning. Careers are examined in the context of important changes occurring today in the world of work. The impact of the executive, organizational counselors and trainers, and the educational system upon the development of human potential is examined, along with the techniques for human resource planning and development.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 346 Negotiation 3 Credits
The purpose of this course is first, to explore the major concepts and theories behind effective negotiating practices and second, to develop negotiating skills applicable to a wide range of contexts. A knowledge of negotiation is a crucial requirement for anyone interested in a business career since it is a common mechanism for implementing change and for resolving conflict in the workplace. Topics will include two-party negotiations, power and politics, mediation, arbitration, and collective bargaining. A variety of teaching techniques will be used including readings, discussion, and role-playing.
Prerequisite(s): MGT 201 or permission of the instructor.

MGT 355 Team Management 3 Credits
This course prepares students to work in organizations that use teams as an integral part of their functioning-an increasingly common practice. The class involves intensive group interaction, focusing on individual growth in group settings. Working with other students in role-plays, exercises, and team assignments allows the student to develop better communication and leadership skills.
Prerequisite(s): MGT 201 or PSY 210.

MGT 363 Management Skills 3 Credits
The focus of this course is on specific skills necessary for success in a management role. These skills include leading, communicating effectively, delegating, conflict and time management and motivating others. Students will have opportunities to practice skills and to apply their knowledge to business cases.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 375 International Management 3 Credits
This course explores the ways in which culture impacts management practices and organizational behavior and dynamics. Topics include cross cultural communication, expatriate selection and training, leading and motivating cross cultural teams, developing organizational strategies to compete in a global market place, international business ethics, and current topics.
Prerequisite(s): MGT 201.

MGT 399 Co-Op in Management and Leadership 6 Credits
This co-op program provides management students with an opportunity to work full-time in a company and apply what they have learned in their Management and Leadership classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a work journal and reflection paper. Supervising faculty will meet with the student regularly to discuss their progress and accomplishments in the co-op. Co-op credits can be applied toward business or free elective requirements.
Prerequisites: Junior status with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in the major.

MGT 410 Ethical Management 3 Credits
Managers today face a broad range of ethically challenging situations. This course will help students to confront and analyze ethical dilemmas effectively in the workplace. Cases, simulations, hands-on content will engage students with the material, and will generate robust class discussion.
Prerequisite(s): Completion of MGT 201 and Leadership Requirement course.

MGT 421 Sel Topics:Mgt & Organztn Behv 3 Credits
The seminar focuses on an area of study announced at the time of registration (students should check the registration material). Examples of possible topics are: leadership, motivation, and organizational behavior research. Prerequisites vary according to the topic and are listed in the registration material.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 450 Advanced Leadership 3 Credits
Leadership is the ability to influence a group of people towards a goal. In this course, students will increase their own leadership capacities so that they can become effective leaders of organizations and teams. They will integrate what they have learned from their experience and other coursework with diverse reading and writing assignments and team projects as they explore complex leadership issues related to vision, communication, motivation, ethics, team dynamics, power, and change management.
Prerequisite(s): MGT 201; Leadership elective (LDP 200, LDP 220, LDP 398, MGT 355, MGT 363).

MGT 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or MGT major elective.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 491 Intern Management/Org Behavior 3 Credits
Provides the student with the opportunity to supplement and apply their management and leadership classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): major in management and leadership or human resource management and MGT 363, or senior status; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

Marine Sciences

Program Overview

The Marine Sciences major prepares students for meaningful and productive post-baccalaureate employment and/or admission to high-quality graduate programs. The program is interdisciplinary in nature, both in its curriculum and faculty, and encompasses the biological, physiochemical, and geological aspects of marine science. Small class size, inquiry-based laboratory experiences, extensive field work, and opportunities for research experiences provide students with a strong foundation and the skills required for a wide range of potential careers.

Curriculum Overview

The curriculum for this major major focuses on the interdisciplinary nature of the Marine Sciences by offering a broad and challenging selection of courses, with emphasis on the biological, physical, chemical, and geological sub-disciplines of the marine sciences and the connections between them. Upper-level courses in these sub-disciplines follow a series of foundational courses in the earth and ocean sciences, biology, chemistry, physics, and mathematics. All marine sciences majors will participate in extensive laboratory and fieldwork in their courses, exploring a rich diversity of marine environments and processes while learning the technical and analytical skills necessary for such work.

Students also will complete a Marine Sciences field course offered by Earth & and Chemical Sciences and taught most recently at the Roatan Institute of Marine Sciences (RIMS), Roatan, Honduras. In addition, students are encouraged to take advantage of the many opportunities to engage in independent research in collaboration with the Earth & and Chemical Sciences faculty.

Student Learning Outcomes

Graduates of the Marine Sciences major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in marine sciences.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Marine Sciences

Honors in Marine Sciences are awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the Honors Program is by invitation of the department faculty. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degree Offered

- B.S. in Marine Sciences

Contact

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Program Website: Marine Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/marine-sciences/)

Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth and Environmental Sciences
- Earth Sciences (p. 198) (for Secondary Education majors)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Geology (p. 290)

Marine Sciences Major Requirements

(65-66 credits)

Code	Title	Credits
Geological, Environmental, and Marine Sciences		
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	4
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MAR 340	Marine Processes and Environments: Seminar	3
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	4
MAR 410	Physical Oceanography	3
Field Experience		
MAR 300	Introduction to Field Marine Science	4
Biology		
BIO 115	Principles of Biology I	4
or BIO 116	Principles of Biology II	
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
Chemistry		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
Mathematics		**4**
Select one; also satisfies CLAS core requirement		
MTH 105	Algebra and Trigonometry	
MTH 210	Calculus I	
Physics		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	4
Electives		
Select two of the following:		7-8
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
ENV 205	Introduction to Geographic Information Systems	
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	
MAR 325 & 325L	Marine Vertebrates and Marine Vertebrates Lab	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
Total Credits		**65-66**

Marine Sciences Minor Requirements

(23-24 credits)

Marine Sciences majors may not select this minor.

Code	Title	Credits
Select one of the following:		**4**
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	
OR		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	
Required Courses:		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	4
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab	4
Select one of the following:		4
MAR 300	Introduction to Field Marine Science	
MAR 380	The Learning and Teaching of Marine Science	
Electives		
Select one of the following:		3-4
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
MAR 325 & 325L	Marine Vertebrates and Marine Vertebrates Lab	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
MAR 410	Physical Oceanography	
Total Credits		**23-24**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
BIO 115	Principles of Biology I	4
BIO 115L	Principles of Biology I Lab	0
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3

GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Social Perspectives		3
Foreign Language		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
ENV 200L	Statistical and Computer Applications in the Natural Sciences Lab	0
BIO 272	Intro to Marine Biology	4
BIO 272L	Marine Biology Laboratory	0
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Social Perspectives		3
Philosophical Perspectives		
Aesthetic Perspectives: Literature		3
Elective Course [2]		3
	Semester Credit Hours	**13**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
GEO 306	Sedimentology and Stratigraphy	4
GEO 306L	Sedimentology and Stratigraphy Lab	0
HIS 150	World History to 1500	3
Elective Course [2]		3
	Semester Credit Hours	**14**
Spring Semester		
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	4
HIS 151	World History Since 1500	3
Two Elective Courses [2]		6
	Semester Credit Hours	**13**
Summer Semester		
MAR 300	Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
MAR 340	Marine Processes and Environments: Seminar	3
MAR 410	Physical Oceanography	3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
Spring Semester		
MAR 401	Marine Ecology	4
MAR 401L	Marine Ecology Lab	0
Four Elective Courses [2]		12
	Semester Credit Hours	**16**
	Total Credit Hours for Graduation	**121**

Note: Natural and Physical Science core requirements are included in the major.

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

MAR 120 Oceanography 3 Credits
In this course, students will investigate the geological, chemical, physical, and biological processes that shape the ocean. Emphasis will be placed on how these processes interact with each other and with human populations. These interactions influence important global phenomena that impact all our lives, including weather and climate, the distribution of marine organisms and other natural resources, and coastal processes. Understanding these phenomena will enable students to make more informed decisions and contribute to serious global marine issues. Students will learn through a combination of hands-on exercises designed to foster a deeper understanding of the scientific content as well as the scientific process, practical experiences with real data, readings, and some lectures. CLAS general education areas addressed: DP & GP.

MAR 121 Introductory Oceanography Lab 1 Credits
This lab course introduces students to the fundamental aspects of geological, chemical, physical and biological oceanography. Students learn through inquiry-based, hands-on exercises and activities using actual data collected in the lab and in the field. Independent projects and local field trips during lab and on weekends may be required. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): MAR 120 or GLS 120 or as prerequisite(s).

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 210L Marine Life through Time Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequisite(s): MAR 210.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 290 Directed Research and Study in Marine Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the marine sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in a weekly meetings with the instructor, and communicating the findings by writing a final project report.

MAR 300 Introduction to Field Marine Science 4 Credits
In this two-week field course, students will explore various topics in marine science through practical, hands-on, inquiry-based exercises and activities. The course will focus on the biological, geological, chemical, and physical processes that influence diverse marine flora and fauna found in selected marine environments, emphasizing shallow subtidal and intertidal environments such as coral reefs, sandy beaches, turtle grass beds, rocky intertidal pools, coastal wetlands, mangrove swamps, etc. Topics will be examined using field team exercises, a group mapping project, and individual research projects. Activities will help students develop their skills in research, use of field and laboratory equipment, computer analysis of data, and scientific writing, along with gaining content knowledge about the components and processes of environments studied. The course is taught at an appropriate marine field station at a U.S. or international location. Field portion of course is completed during the summer. Additional travel costs vary, depending on location.
Prerequisite(s): BIO 115 or 116 or any 200 or higher level lab science class; and MAR 120; and permission of instructor.

MAR 325 Marine Vertebrates 4 Credits
A survey of the biology of marine vertebrate animals, including fish (jawless fish, sharks, rays, and bony fish), reptiles (sea turtles and sea snakes), sea birds, and mammals (manatees, seals, and whales). The evolution, physiology, natural history, ecological relationships, and human interactions of these groups are emphasized. Three hours of lecture and one three-hour lab per week. Field trips may be required. Prerequisite(s): BIO 272 and BIO 272L.
Corequisite(s): MAR 325L.

MAR 325L Marine Vertebrates Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 325.

MAR 340 Marine Processes and Environments: Seminar 3 Credits
This course is designed as a seminar course. Therefore, students will learn to lead class discussions, to analyze and critique peer-reviewed journal articles, and to enhance their presentation skills. Students will interpret graphical, spatial, and numerical data to support their positions. Content will emphasize the interactions among marine processes, biological features, and geologic landforms.
Prerequisite(s): MAR 120 or GEO 100; GEO 306.

MAR 360 Plankton Ecology 4 Credits
Examines the diversity, physiology, and ecology of marine phytoplankton and zooplankton. Students will survey the dominant plankton groups, their distribution, nutritional requirements, growth kinetics, and behavior. Planktonic predator/prey interactions and food web dynamics will be discussed. Students will also examine the interdisciplinary nature and role of plankton in biogeochemical cycles. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): MAR 120 and MAR 121; or BIO 116.
Corequisite(s): MAR 360L.

MAR 360L Plankton Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 360.

MAR 380 The Learning and Teaching of Marine Science 4 Credits
This field-based course provides a practical experience in integrating marine science with pedagogical concepts. Students will use scientific methodology to explain marine ecosystems through specially designed, inquiry-based exercises. During these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. Hands-on, field-based exercises will provide experience with a diversity of marine habitats and the biological, geological, hydrological, and physical processes that influence them. Visited habitats can include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. As a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom use.

MAR 401 Marine Ecology 4 Credits
The purpose of this course is to introduce students to fundamental principles in ecology, as it relates to marine systems. Topics include the marine environment and its influence on the organisms living there; biodiversity and speciation; factors regulating population dynamics in marine systems; larval and fisheries ecology; species interactions such as predation, competition, and symbiosis; factors regulating productivity and energy flow in marine systems; and marine conservation. Hands-on laboratory exercises will provide students with the opportunity to design and conduct experiments related to marine ecology, and to collect, analyze, and interpret data from those experiments. Ecosystem modeling will also be introduced. Three hours of lecture and one three-hour lab per week. Weekend field trips may be introduced. Prerequisite(s): BIO 272, BIO 272L.
Corequisite(s): MAR 401L.

MAR 401L Marine Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 401.

MAR 410 Physical Oceanography 3 Credits
Introduction to the physical aspects and processes of the oceans and their influence on marine ecosystems and Earth processes. Topics include distribution of salinity and water temperature and their effect on water movement, the oceanic heat budget, atmospheric and oceanic interactions, ocean currents including surface and deep water circulation, waves, tides, and medium- to small-scale circulation features. Throughout the course, emphasis is placed on how these physical processes affect the biology and chemistry of the ocean. Three hours of lecture per week. Weekend field trips may be required.
Prerequisite(s): MAR 120.

MAR 480 Senior Thesis 3 Credits
A senior thesis is optional for marine sciences majors. However, a senior thesis is required for eligibility to graduate with honors in marine sciences. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study or other approved venue. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the marine sciences major and permission of department chair.

MAR 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

MAR 491 Internship in Marine Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 272 Intro to Marine Biology 4 Credits
Introduces students to the study of marine environments, emphasizing the diversity, ecology, and physiology of marine animals, algae, and plants. Aspects of the human impact on marine environments are also discussed. Prerequisite(s): BIO 115 or BIO 116 or BNS 118 and grade of "C" or better.
Corequisite(s): BIO 272L.

BIO 272L Marine Biology Laboratory 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 272.

BIO 372 Behavior of Marine Organisms: Evolutionary Approach 4 Credits
An examination of the underlying mechanisms and evolutionary causes of behavior, including habitat use, feeding, and mate choice, particularly in marine organisms. The laboratory will involve collecting, analyzing and interpreting field data and performing experiments in the lab using a variety of marine organisms including fish and crabs. Three hours of lecture and one three-hour lab per week. Some full-day field trips (usually on a weekend) are required. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course.
Corequisite(s): BIO 372L.

BIO 372L Behavior of Marine Organisms: Evolutionary Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 372.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212. **Corequisite**(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week. **Corequisite**(s): PHY 100.

Marketing

Program Overview

A degree in marketing provides students with the knowledge they need to compete in today's global marketplace. Graduates from the marketing program enter the workforce with a strong background in business, a critical understanding of consumer behavior, ad trends and the know-how needed to reach target audiences and to promote services and products.

Student Learning Outcomes:

A marketing graduate will demonstrate the ability to:

- apply knowledge of the interaction of marketing mix variables with environmental variables and the resulting outcome;
- apply ethical thinking to decision making;
- work with others in team environment;
- use current and emerging technology in the field of marketing;
- demonstrate basic professional skills in oral communication;
- demonstrate basic professional skills in written communication.

Curriculum Overview

As a marketing major at Rider, students have the choice of pursuing one of five marketing tracks: general marketing, advertising, digital marketing, pharmaceutical and health care marketing, or professional selling. These tracks provide all marketing majors with the foundation of knowledge and skills necessary for a marketing career while offering students the opportunity to focus their curriculum on a path that best suits their career interests and goals.

Possible employment opportunities can be found with profit and non-profit and public or private organizations marketing goods or services to consumers, businesses or other organizations.

Degree Offered

- B.S.B.A. in Marketing

Contact

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Program Website: (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/marketing-advertising/)Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/marketing/)
Associated Department: Department of Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/faculty-departments/marketing/)

Related Programs

- Business Administration (p. 91)
- Communication Studies (p. 114)
- Film and Media Studies (p. 901)
- Entrepreneurial Studies (p. 240)
- Graphic Design (p. 301)
- Journalism (p. 346)
- Public Relations (p. 482)
- Web Design (p. 561)

Marketing Major Requirements

(24 credits)

Students are *required* to complete one of the five tracks shown below :

Tracks for the Marketing Major

- **General Marketing**
- **Advertising**
- **Digital Marketing**
- **Professional Selling**
- **Health Care and Pharmaceutical Marketing**

General Marketing Track

(24 credits)

Code	Title	Credits
MKT 320	Consumer Behavior	3
MKT 330	International Marketing [1]	3
or MKT 369	International Advertising	
MKT 366	Marketing Research	3
MKT 460	Marketing Management Seminar	3
Four additional Marketing Electives are required [2]		12
Total Credits		**24**

1

Only one of MKT 330 or MKT 369 can count in major. General Marketing majors must take a second International Business elective and count it as Free Elective only.

2

MKT 490 & MKT 491 cannot count as MKT electives.

Students are required to complete 6 credits of International Business electives. Marketing majors can only count 3 credits of International Business elective in their major.

Advertising Track

(24 credits)

Code	Title	Credits
MKT 205	Advertising Principles	3
MKT 320	Consumer Behavior	3
MKT 366	Marketing Research	3
MKT 369	International Advertising	3
or MKT 330	International Marketing	
MKT 375	Digital Advertising and Social Media	3
MKT 435	Advertising Campaigns	3
MKT 460	Marketing Management Seminar	3
COM 212	Digital Publication Design [1]	3
Total Credits		**24**

1

This course can count as a required social science elective. If you count it as a social science elective, you must complete an additional 3-credit free elective.

Digital Marketing Track

(24 credits)

Code	Title	Credits
BDA 205	Introduction to Visual Data Analytics	3
OR		
COM 212	Digital Publication Design [1]	
MKT 250	Retailing Management	3
or MKT 260	Service Marketing	
or MKT 310	Business to Business Marketing	
MKT 320	Consumer Behavior	3
MKT 330	International Marketing	3
or MKT 369	International Advertising	
MKT 366	Marketing Research	3
MKT 367	Marketing Web Analytics	3
MKT 375	Digital Advertising and Social Media	3
MKT 460	Marketing Management Seminar	3
Total Credits		**24**

1

This course can count as a required social science elective. If you count it as a social science elective, you must complete an additional 3-credit free elective.

Professional Selling Track

(24 credits)

Code	Title	Credits
MGT 346	Negotiation	3
MKT 250	Retailing Management	3
or MKT 260	Service Marketing	
or MKT 310	Business to Business Marketing	
MKT 320	Consumer Behavior	3
MKT 330	International Marketing	3
or MKT 369	International Advertising	
MKT 340	Personal Selling	3
MKT 366	Marketing Research	3
MKT 440	Sales Management	3
MKT 460	Marketing Management Seminar	3
Total Credits		**24**

Health Care and Pharmaceutical Marketing Track

(24 credits)

Code	Title	Credits
MKT 320	Consumer Behavior	3
MKT 330	International Marketing	3
or MKT 369	International Advertising	
MKT 340	Personal Selling	3
MKT 345/GSC 345	Customer Focus [1]	3
or MKT 310	Business to Business Marketing	
MKT 366	Marketing Research	3
MKT 380	Health Care Marketing	3
MKT 460	Marketing Management Seminar	3
Select one of the following:		3
HTH 205	Introduction to Health Care	
BUS 315	Health Care Law, Ethics & Policy	
Total Credits		**24**

1

GSC 115 will be removed as a pre-requisite for marketing majors in order to take MKT 345.

Concentration in Financial Services

(12 credits)

This program is designed for students interested in the many careers requiring knowledge of finance as well as strong marketing skills, including banking, investment banking, and insurance.

The concentration is available to Finance or Marketing majors in the Norm Brodsky College of Business. Students majoring in Finance are required to complete 12 credit hours in marketing coursework; students majoring in Marketing are required to complete 12 credit hours in finance coursework.

Finance majors may only select this program as a second concentration after they select a primary concentration such as Private Wealth Management.

- for Finance Majors (p. 387)
- for Marketing Majors (p. 388)

Finance Majors

Code	Title	Credits
Required Courses		
MKT 340	Personal Selling	3
MKT 440	Sales Management	3
Elective Courses		

Select two of the following:		6
MKT 260	Service Marketing	
MKT 310	Business to Business Marketing	
MKT 320	Consumer Behavior	
MKT 366	Marketing Research	
MKT 490	Independent Research and Study	
MKT 491/FIN 491	Internship-Based Indep Study	
Total Credits		**12**

Marketing Majors

Code	Title	Credits
Required Courses		
FIN 305	Personal Financial Planning	3
FIN 307	Financial Markets & Institutions	3
FIN 312	Investments	3
Elective Courses		
Select one of the following:		3
FIN 315	Financial Modeling	
FIN 360	Fixed Income and Derivatives	
FIN 412	Investment Analysis	
Total Credits		**12**

Graduation Requirement

In order to complete the concentration, students must achieve a minimum GPA of 2.5 in the concentration coursework, and a minimum grade of "C" in each of the concentration courses.

For information on the Concentration in Financial Services for Finance or Marketing majors please contact:

Anubha Mishra, Ph.D.
Associate Professor and Chairperson
Sweigart Hall
(609) 895-5513
amishra@rider.edu

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Marketing General Concentration (p. 388)
Advertising Concentration (p. 389)
Digital Concentration (where COM 212 is selected) (p. 389)
Digital Concentration (where BDA 205 is selected) (p. 390)
Health Care and Pharmaceutical Concentration (p. 391)
Professional Selling Concentration (p. 391)

Marketing General Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
Marketing Major Elective 1		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
FIN 220	Introduction to Finance	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
Leadership Elective		3
Free Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385	Management Information Systems	3
MSD 301	Operations Management	3
MKT 366	Marketing Research	3
Marketing Major Elective 2		3
Liberal Arts Elective 3		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Marketing Major Elective 3		3
International Business Elective		3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**

Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 460	Marketing Management Seminar	3
Marketing Major Elective 4		3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Advertising Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 205	Advertising Principles	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
COM 212	Digital Publication Design	3
FIN 220	Introduction to Finance	3
MKT 366	Marketing Research	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385	Management Information Systems	3
MKT 375	Digital Advertising and Social Media	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
Free Elective 1		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MKT 369	International Advertising	3
Liberal Arts Elective 4		3
International Business Elective		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 435	Advertising Campaigns	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Digital Concentration (where COM 212 is selected)

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3

CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
FIN 220	Introduction to Finance	3
BUS 300	The Legal and Ethical Environment of Business	3
COM 212	Digital Publication Design	3
MKT 366	Marketing Research	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 375	Digital Advertising and Social Media	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
Free Elective 1		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MKT 369	International Advertising	3
International Business Elective		3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 367	Marketing Web Analytics	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Digital Concentration (where BDA 205 is selected)

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BDA 205	Introduction to Visual Data Analytics	3
BUS 300	The Legal and Ethical Environment of Business	3
FIN 220	Introduction to Finance	3
MKT 366	Marketing Research	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 375	Digital Advertising and Social Media	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
Free Elective 1		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MKT 369	International Advertising	3
International Business Elective		3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 367	Marketing Web Analytics	3
MKT 460	Marketing Management Seminar	3

Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Health Care and Pharmaceutical Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
MKT 345 or MKT 310	Customer Focus or Business to Business Marketing	3
MKT 366	Marketing Research	3
Leadership Elective		3
Free Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
HTH 205 or BUS 315	Introduction to Health Care or Health Care Law, Ethics & Policy	3
MKT 380	Health Care Marketing	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MKT 330 or MKT 369	International Marketing or International Advertising	3
MKT 340	Personal Selling	3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 460	Marketing Management Seminar	3
International Business Elective		3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Professional Selling Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3

MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
FIN 220	Introduction to Finance	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
MKT 340	Personal Selling	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 366	Marketing Research	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
Free Elective 1		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MGT 346	Negotiation	3
International Business Elective		3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 440	Sales Management	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

Notes:

- The plans above assume no AP or other credits were transferred into Rider University.
- Business Honors students may have a different sequence.
- For the Leadership Elective, select either LDP 398 Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning, MGT 355 Team Management, or MGT 363 Management Skills.
- **Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits may be any other course offered by the College of Arts and Sciences.**
- Students are required to complete 6 credits of International Business electives. Marketing majors may only count 3 credits of International Business electives in their major.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448 Seminar in Small Business Consulting, or ECO 450 Seminar in Economic Research.)

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Marketing General Concentration (p. 392)
Advertising Concentration (p. 393)
Digital Concentration (where COM 212 is selected) (p. 394)
Digital Concentration (where BDA 205 is selected) (p. 395)
Health Care and Pharmaceutical Concentration (p. 395)
Professional Selling Concentration (p. 396)

Marketing General Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3

Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Marketing Major Elective 1		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
Leadership Elective		3
Liberal Arts Elective 3		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
Marketing Major Elective 2		3
Marketing Major Elective 3		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 460	Marketing Management Seminar	3
Marketing Major Elective 4		3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Advertising Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 205	Advertising Principles	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
MKT 375	Digital Advertising and Social Media	3
Leadership Elective		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3

Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
COM 212	Digital Publication Design	3
MKT 369	International Advertising	3
Liberal Arts Elective 3		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 435	Advertising Campaigns	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Digital Concentration (where COM 212 is selected)

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
MKT 375	Digital Advertising and Social Media	3
Leadership Elective		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
COM 212	Digital Publication Design	3
Liberal Arts Elective 3		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 367	Marketing Web Analytics	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Digital Concentration (where BDA 205 is selected)

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
MKT 375	Digital Advertising and Social Media	3
International Business Elective		3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
BDA 205	Introduction to Visual Data Analytics	3
Liberal Arts Elective 3		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 367	Marketing Web Analytics	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Health Care and Pharmaceutical Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3

CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 345 or MKT 310	Customer Focus or Business to Business Marketing	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
Leadership Elective		3
Liberal Arts Elective 3		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
MKT 340	Personal Selling	3
Liberal Arts Elective 4		3
Free Elective 3		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 4		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HTH 205 or BUS 315	Introduction to Health Care or Health Care Law, Ethics & Policy	3
MKT 380	Health Care Marketing	3
MKT 460	Marketing Management Seminar	3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Professional Selling Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
Leadership Elective		3
Liberal Arts Elective 3		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**

Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MGT 346	Negotiation	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
MKT 340	Personal Selling	3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 440	Sales Management	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action may be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

Additional Notes:

- The above plans assume no AP or other credits were transferred into Rider University.
- Business Honors students may have a different sequence.
- For the Leadership Elective, select from LDP 398 Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning, MGT 355 Team Management, or MGT 363 Management Skills.
- **Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits may be from any other course offered by the College of Arts and Sciences.**
- Students are required to complete 6 credits of International Business electives. Marketing majors may only count 3 credits of International Business electives in their major.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448 Seminar in Small Business Consulting, or ECO 450 Seminar in Economic Research.)

Courses and Descriptions

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MKT 205 Advertising Principles 3 Credits
Basic theory, functions, principles, and applications of advertising are the focus of this course. The relation of advertising to our economy, the advertising department and the ad agency, selection of media, advertising practices, and the use of research to improve advertising techniques are covered.
Prerequisite: MKT 200.

MKT 250 Retailing Management 3 Credits
The principles underlying successful retailing are analyzed within the framework of the strategic-planning process. Topics covered include location, merchandise planning, customer service, image, atmosphere, layout, pricing, promotion, personnel and operations management.
Prerequisite(s): MKT 200.

MKT 260 Service Marketing 3 Credits
Focuses on the unique challenges of managing services and delivering quality service to customers. Emphasis is placed on the total organization, and how effective marketing and customer focus must be coordinated across multiple functions. The course is applicable to service organizations and to organizations that depend on service excellence for competitive advantage. Topics include customer-focused management, and customer satisfaction, retention, lifetime value and profitability. Students will learn to map services, understand customer expectations, and develop relationship marketing strategies.
Prerequisite(s): MKT 200.

MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

MKT 310 Business to Business Marketing 3 Credits
This course examines the business-to-business marketplace, and the planning and control tools used by its entities in managing the product, pricing, promotion, channel and supply chain management strategies.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 320 Consumer Behavior 3 Credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior.
Prerequisite(s): MKT 200.

MKT 330 International Marketing 3 Credits
This course examines the global marketplace and the complexities of its environmental influences, and necessary adaptations in formulating the strategies for product, pricing, promotion, channel and supply chain management.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 340 Personal Selling 3 Credits
Examines persuasive techniques utilized in sales presentations conducted on a person-to-person basis. Major course emphasis is on developing effective selling techniques; understanding the company, its products and the role of the salesperson in implementing product/market strategies; understanding the customers and the selling environment; application of effective sales presentation techniques; recognizing selling opportunities and careers.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 345 Customer Focus 3 Credits
Marketing supply chain management programs are concerned with the creation and delivery of value to customer and organizations. No longer simply the domain of the warehouse manager or logistics director, supply chain management is viewed by most companies as a mission-critical element. Marketing focuses on developing an understanding of customers and markets, creating products and services based on that understanding, and communicating and delivering the value added. This course will teach the student the essential role of marketing in all aspects of successful supply chain management - relationship management, technological and financial - and it will help the student understand the structure, functions, principles and methods employed in discovering and translating consumer needs and wants into product and service specifications and then transferring these goods and services from producers to consumers or end users.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 350 Retailing Management 3 Credits
The principles underlying successful retailing are analyzed within the framework of the strategic-planning process. Topics covered include location, merchandise planning, customer service, image, atmosphere, layout, pricing, promotion, personnel and operations management.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 366 Marketing Research 3 Credits
Topics include specific research procedures in gathering, processing, analyzing, and presenting information relevant to marketing problems: advertising planning and effectiveness; product development; distribution channels; sales techniques; consumer behavior; and forecasting. Student learning about research planning, implementation, and interpretation is facilitated by the use of projects or cases.
Prerequisite(s): MKT 200 and MSD 205; junior standing.

MKT 367 Marketing Web Analytics 3 Credits
This course teaches web analytics through practical applications with a focus on deriving actionable insights. It provides a broad overview of key web analytics strategies, concepts, issues, challenges and tools. Topics covered include: • How to choose a web analytics tool • Metrics and key performance indicators • Best ways to analyze effectiveness of blogs, marketing campaigns, SEO, SEM and emails • How to utilize quantitative, qualitative and competitive tools to derive actionable insights • How to optimize web sites by incorporating testing and experimentation • Analytics in social, mobile and video • Best practices and pitfalls in web analytics.
Prerequisite(s): MKT 200; junior or senior standing.

MKT 369 International Advertising 3 Credits
This course introduces students to the general landscape of international advertising with emphasis on understanding the opportunities and challenges entailed in international advertising management. The course will cover the subject from three aspects, including the international advertising environment, the international advertising industry, and international advertising strategies.
Prerequisite: MKT 200; 30 credits completed.

MKT 370 Internet Marketing 3 Credits
This course emphasizes the discipline of internet marketing, including practices of leading online marketing companies, state of the art online research and demonstrates how the Internet is creating value for customers and profits for businesses while also fitting into a firm's complete marketing strategy. This course will provide a strategic and tactical toolkit for the online marketer, help students understand how and why the Internet is changing traditional marketing and allow students to develop the skills, strategies and tactics important to develop successful Internet marketing plans.
Prerequisite(s): MKT 200 and CIS 185; junior & senior standing.

MKT 375 Digital Advertising and Social Media 3 Credits
This course surveys the concepts, principles, practices and industry standards of digital advertising, including standard display and rich media advertising, search advertising, email advertising, game advertising, and mobile advertising. It also introduces the strategies and tactics in social media marketing. The course emphasizes a strategic, holistic view of digital advertising and social media as marketing communication tools that are situated in the marketing strategic framework and employed to engage consumers in community building.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 435 Advertising Campaigns 3 Credits
This capstone course for advertising majors provides an opportunity for students to plan comprehensive advertising campaigns. Coverage includes segmentation research, creative development of the campaign, media planning, and determining advertising effectiveness. Integration of advertising into the marketing program will be emphasized.
Prerequisite(s): MKT 205 + additional 9 credits from the Marketing courses for the Advertising Concentration; senior standing.

MKT 440 Sales Management 3 Credits
By means of lectures, discussions, and case studies, the field of marketing management is analyzed from the viewpoint of sales executives. The responsibilities for planning and administering personal selling operations are emphasized. Considerable attention is given to other activities for which sales executives may be wholly or jointly responsible, such as decision making on promotion and brand management.
Prerequisite(s): MKT 200 and senior standing.

MKT 444 Special Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations, as well as special applications of marketing decision-making, may be explored. Readings, research, lectures, discussions, or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): MKT 200; any additional prereqs requested by the instructor.

MKT 460 Marketing Management Seminar 3 Credits
This capstone course for marketing majors employs a top management approach to the overall marketing task, including planning, organizing, controlling, and integrating all the activities of the marketing program. Integration of marketing with other operations of the business unit is emphasized. Major problems and current trends are identified and analyzed through case discussion. Required for marketing majors.
Prerequisite(s): 15 Marketing credits, senior standing.

MKT 469 Selected Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations as well as special applications of marketing decision making may be explored. Readings, research, lectures, discussions, or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): MKT 200 and senior standing.

MKT 490 Independent Research and Study 1-4 Credits
Topic to be approved by the professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.

MKT 491 Internship-Based Indep Study 3 Credits
Provides the student an opportunity to supplement and apply classroom work in supervised employment with participating marketing and advertising firms. Requirements include a journal with a log of daily activities, and a project or term paper presented to and evaluated by the internship sponsor. Evaluation will also include a report by the company on the intern's performance. Credits may be used to satisfy business or free elective requirements.
Prerequisite(s): permission of instructor.

Mathematics

Program Overview

Students majoring in mathematics at Rider are met with rigorous and insightful instruction. Courses progress from foundational topics to advanced theories and techniques. Faculty members are active in research and will invite, stimulate and support students' curiosity and understanding.

Graduates of Rider's mathematics program go on to careers in such fields as education, scientific and medical research, engineering, computer science, architecture, pharmaceutical research, actuarial science, and urban planning and development.

Curriculum Overview

Requirements for the mathematics major total 50 semester hours and include calculus I, II and III, linear algebra, differential equations, advanced calculus, modern geometry, probability and statistical analysis I, modern algebra, complex analysis, and mathematics electives. Also required are general physics I and II.

Student Learning Outcomes

Graduates of the Mathematics major will be able to:

1. Apply analytical skills and logical thinking to solve problems in a broad range of mathematics.
2. Explain and write mathematical arguments
3. Communicate mathematical ideas clearly and with proper notation and terminology.

Honors Program in Mathematics

Superior students majoring in mathematics may participate in a program leading to graduation with honors in mathematics. A candidate must submit a written application by March 1 of their junior year to the departmental honors committee. Admission to the program will be based on a 3.25 cumulative average in mathematics courses taken in the first five semesters and sponsorship by a member of the departmental faculty. During their senior year, the student will be enrolled in MTH 490 Independent Study: Research and Creative Expression. Honors in mathematics is based upon earning a 3.4 average in seven mathematics courses at the 300 and 400 levels (excluding MTH 490) and an acceptable senior thesis. Further information on the program can be obtained from the department.

Degrees Offered

- B.A. in Mathematics

Contact

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Program Website: M (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/science-programs/mathematics/)athematics (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/science-programs/mathematics/)

Associated Department: Mathematics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/mathematics/)

Related Programs

- Biochemistry (p. 79)
- Biology (p. 83)
- Chemistry (p. 104)
- Computer Science (p. 125)
- Education (p. 666)
- Geology (p. 290)
- Philosophy (p. 442)
- Physics (p. 445)

Requirements for the Major

(50 credits)

Code	Title	Credits
Major Requirements:		
MTH 210 & MTH 211 & MTH 212	Calculus I and Calculus II and Calculus III	12
MTH 240	Linear Algebra	3
MTH 250	Differential Equations	3
MTH 308	Advanced Calculus	3
MTH 315	Modern Geometry	3
MTH 340	Probability & Statistical Analysis I	3
MTH 401	Modern Algebra	3
MTH 410	Complex Analysis	3
Three 400-level mathematics electives (excluding MTH 490) or one 300-level and two 400-level mathematics electives (excluding MTH 490)		9
Physics		
PHY 200	General Physics I	4
PHY 201	General Physics II	4
Total Credits		**50**

Note:

1. Mathematics majors must attain a “B” average in Calculus I and II in order to take advanced mathematics courses.

Requirements for the Minor

(24-25 credits)

Code	Title	Credits
MTH 210	Calculus I	4
MTH 211	Calculus II	4
MTH 212	Calculus III	4
Select four (4) mathematics courses above the MTH 212 level		**12-13**
MTH 230	Discrete Mathematics	
MTH 240	Linear Algebra	
MTH 250	Differential Equations	
MTH 308	Advanced Calculus	
MTH 315	Modern Geometry	
MTH 340	Probability & Statistical Analysis I	
MTH 341	Probability & Statistical Analysis II	
MTH 401	Modern Algebra	
MTH 402	Topics in Advanced Mathematics	
MTH 410	Complex Analysis	
MTH 420	Number Theory	
MTH 430	Introduction to Topology	
MTH 440	Real Analysis	
MTH 490	Independent Study: Research and Creative Expression	
Total Credits		**24-25**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
HIS 150	World History to 1500	3
Social Perspectives (1 of 2)		3
Foreign Language [1]		3
	Semester Credit Hours	**16**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
HIS 151	World History Since 1500	3
Foreign Language		3
Social Perspectives (2 of 2)		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 212	Calculus III	4
MTH 240	Linear Algebra	3
PHY 200 & 200L	General Physics I and General Physics I Lab	4
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**14**
Spring Semester		
MTH 250	Differential Equations	3
MTH 315	Modern Geometry	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
Aesthetic Perspectives: Literature		3
Elective Course Credits [2]		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MTH 308	Advanced Calculus	3
MTH 340	Probability & Statistical Analysis I	3
Philosophical Perspectives		3
Elective Course Credits [2]		6
	Semester Credit Hours	**15**
Spring Semester		
MTH 410	Complex Analysis	3
Math Elective		3
Elective Course Credits [2]		9
	Semester Credit Hours	**15**

Year 4		
Fall Semester		
MTH 401	Modern Algebra	3
Math Elective		3
Elective Course Credits [2]		9
	Semester Credit Hours	**15**
Spring Semester		
Math Elective		3
Elective Course Credits [2]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**122**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

MTH 102 Finite Mathematics 3 Credits
This mathematically rigorous course begins with a review of the rational numbers, repeating decimals, irrational numbers and non-repeating decimals. The elementary theory of sets is discussed with applications to surveys and data mining. This is followed by a discussion of the cardinality of infinite sets. An introduction to elementary number theory includes various applications. The Cartesian plane and the idea of a function and its graph are introduced with applications. Counting theory then precedes an elementary discussion of probability.

MTH 105 Algebra and Trigonometry 4 Credits
The course is an in depth and rigorous study of functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses, trigonometric identities.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

MTH 211 Calculus II 4 Credits
The definite integral, differentiation of transcendental functions, methods of integration and approximate integration, determination of area, volume, and surface area.
Prerequisite(s): MTH 210 with a grade of C or higher.

MTH 212 Calculus III 4 Credits
Infinite series; functions of two and three variables, vectors and tangent planes, partial derivatives, multiple integrals, determination of volume and density.
Prerequisite(s): MTH 211 with a grade of C or higher.

MTH 230 Discrete Mathematics 4 Credits
An introduction to topics in Discrete Mathematics. This course covers methods of proof, induction and recursion, and other topics in discrete mathematics. Topics may include graph theory, trees, and symmetry groups.
Prerequisite(s): MTH 102, MTH 105 or MTH 210.

MTH 240 Linear Algebra 3 Credits
Systems of linear equations; vector spaces; linear independence; determinants; orthogonality; linear maps; eigenvectors.
Prerequisite(s): MTH 210 or as corequisite; sophomore standing; or permission of instructor.

MTH 250 Differential Equations 3 Credits
First order differential equations, separable and exact; integrating factors; second order linear differential equations; series solutions of second order linear differential equations; higher order equations; existence and uniqueness theorems; systems of linear differential equations.
Prerequisite(s): MTH 240, MTH 211.
Corequisite(s): MTH 212 or as prerequisite.

MTH 308 Advanced Calculus 3 Credits
Vectors, gradients, and directional derivatives, Lagrange multipliers, Taylor's theorem, multiple integrals, change of variables, line and surface integrals, Stokes' theorem.
Prerequisite(s): "B" average in MTH 210 and MTH 211; MTH 212, MTH 240.

MTH 315 Modern Geometry 3 Credits
Covers geometry from a modern point of view, with emphasis on non-Euclidean geometry, particularly projective geometry.
Prerequisite(s): MTH 211, MTH 240.

MTH 340 Probability & Statistical Analysis I 3 Credits
Theory of sets and probability; discrete and continuous random variables and probability distributions. Emphasizes foundations and utilizes the techniques of the calculus.
Prerequisite(s): MTH 212 or MSD 111.

MTH 401 Modern Algebra 3 Credits
Provides an introduction to modern abstract algebra. It emphasizes the axiomatic method to analyze the major algebraic systems. The instructor will choose the topics to be studied from among the following algebraic structures: integral domains, fields, complete ordered fields, groups, polynomials, rings, ideals and modules.
Prerequisite(s): MTH 240.

MTH 402 Topics in Advanced Mathematics 3 Credits
Chosen from advanced pure or applied mathematics. Topics vary, depending on instructor.
Prerequisite(s): MTH 308.

MTH 410 Complex Analysis 3 Credits
Analytic functions, conformal mapping, power series, Cauchy's theorem, calculus of residues.
Prerequisite(s): MTH 308.

MTH 420 Number Theory 3 Credits
Covers topics including divisibility theory, the prime numbers, the theories of congruences and of quadratic reciprocity, and Fermat's Last Theorem. Other topics may also include applications to cryptography, Pell's equations, continued fractions, and the theory of partitions.
Prerequisite(s): MTH 240 or permission of instructor.

MTH 430 Introduction to Topology 3 Credits
A comprehensive introduction to elementary topology. The concepts of topological spaces and metric spaces will be introduced. Connectedness, compactness and properties of subsets of the real numbers rooted in topology will also be considered. The quotient topology will be used to construct surfaces as identification spaces, and tools will be developed to distinguish one surface from another.
Prerequisite(s): MTH 212.

MTH 440 Real Analysis 3 Credits
Covers the theory of sets, the real number system and its properties, convergence of sequences and series of numbers and functions, and the theory of integration, including: measure theory, the Riemann integral, and introduction to the Lebesque theory of integration.
Prerequisite(s): MTH 308 or as corequisite.

MTH 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in research and mathematical literature. If possible, the student will publish the results or present them at a scientific meeting.

PHY 200 General Physics I 4 Credits
Introductory classical physics; Newtonian mechanics, including the conservation laws, wave motion, gravity, thermodynamics. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 210 or concurrent enrollment
Corequisite(s): PHY 200L.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

Movement Science Minor

Program Overview

The Movement Science minor is designed to foster a deeper knowledge and understanding of the fundamental aspects of human performance. Upon completion of the program, the student will be able to:

- Demonstrate knowledge of theoretical and practical scientific concepts of movement and movement science (i.e., anatomy, physiology, nutrition, biomechanics/kinesiology, and biopsychosocial and behavioral health.)
- Identify and explain disease which may result from and affect biological and behavioral health.
- Articulate a philosophy that demonstrates the role of movement in the development and maintenance of overall health and the prevention of disease.

Degree Offered

- Minor in Movement Science

Contact

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Program Website: Movement Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/movement-science-minor/)

Associated Department: Health Sciences and Nursing

Related Programs

- Behavioral Neuroscience (p. 49)
- Biochemistry (p. 79)
- Biology (p. 83)
- Chemistry (p. 104)
- Dance (p. 144)
- Environmental Science (p. 246)
- Exercise Science (p. 263)
- Health Sciences (p. 319)
- Marine Sciences (p. 380)
- Mathematics (p. 399)

Movement Science Minor Requirements

(21-22 credits)

Code	Title	Credits
Select one of the following:		
BIO 100	Life Science	3-4
or BIO 115/BIO 115L	Principles of Biology I	
or BIO 116/BIO 116L	Principles of Biology II	
or BNS 107	Life Science: Brain and Behavior	
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
DAN 180	History of Movement Theory [1]	3
HSC 100	Intro to Human Nutrition [2]	3
HSC 302 & 302L	Kinesiology and Kinesiology Lab [2]	4
Total Credits		**21-22**

1

DAN 180 is offered every other year. Work with your advisor to plan accordingly.

2

Health Science majors who declare a Movement Science Minor may not count HSC 100 or HSC 302 / HSC 302L toward their major requirements.

Courses

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

DAN 180 History of Movement Theory 3 Credits
Investigation of the mind-body connection, somatic experience, body therapies, movement, and theories. The essential question is: How is it that we move with awareness, fluidity, efficiency, and precision?.

HSC 100 Course HSC 100 Not Found Credits

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI.
Corequisite: HSC 303.

HSC 302L Course HSC 302L Not Found Credits

Multicultural Studies

Program Overview

In the Multicultural Studies minor, students will learn how different cultures interact to shape individual identities and to structure U.S. society. Because organizations today need employees who can perform effectively in a diverse workplace environment, the minor can also enhance employment options.

For coursework, each student chooses a theme or thread within multicultural studies that suits his or her special interests. The minor also provides students with career-relevant knowledge and experience.

In various ways, the multicultural studies minor plays an important role in preparing Rider students, whatever their ethnic heritage, for an increasingly multicultural world.

Minor Offered

- Minor in Multicultural Studies

Contact

Pearlie Mae Peters, Ph.D.
Professor and Director, Multicultural Studies Program
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School of Humanities and Social Sciences
Fine Arts, 337
609-895-5566
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Program Website: www.rider.edu/multiculturalstudies (http://www.rider.edu/multiculturalstudies/)

Related Programs

- Criminal Justice (p. 132)
- Philosophy (p. 442)
- Political Science (p. 449)

Multicultural Studies Minor Requirements

(21 credits)

Code	Title	Credits
Multicultural Studies Required Courses		**6**
MCS 110	Race, Class and Gender in Contemporary American Society	
MCS 210	Power and Privilege in a Multicultural Society	
Electives		
Select five courses from the following three groups, chosen in consultation with the director.		15
Multicultural Studies		
MCS 220	Issues in Multicultural Studies	
MCS 280	Directed Study in Multicultural Studies	
MCS 491	Internship in Multicultural Studies	
Electives Emphasizing Multiculturalism Within the United States		
AMS 210	American Memoir and Autobiography	
AMS 212	Multicultural America	
AMS 227	Martin Luther King Jr's America	
AMS 228	Studies in American Jewish Culture	
COM 252	Intercultural Communication	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
HIS 201	African American History	
HIS 307	The Immigrant in American Life	
MGT 320	Managing Workforce Diversity	
POL 235	Race and Ethnicity in American Politics	
SOC 207	Racial and Ethnic Relations	
SOC 272	Area Studies: Indians of North America	
Electives Providing Background and Context		
HIS 281	Modern Middle East	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 286	Modern East Asia	
HIS 288	African History	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
PHL 207	Asian Philosophy	
POL 320	Politics of the Middle East	
SOC 270	Area Studies: Africa	
SPA 311	Latin American Cultures	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 426	Latin American/Latino Film and Fiction	
Total Credits		**21**

Courses and Descriptions

MCS 109 Intro to Race, Class & Gender 3 Credits
This course introduces students to the concepts of race, class and gender as essential components in understanding how social identities are socially constructed in the United States. Using historical and contemporary references, the course explores the ways in which race, class, gender and ethnic relationships shape the experiences of people in the United States, and the implications of those experiences for social relationships. Part of this exploration is to expose students to inter-relatedness of race, class and gender, as identity markers, both historically and in contemporary society.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 110S Introduction to Race, Class and Gender in Contemporary Society 1 Credits
This course introduces students to the concepts of race, class and gender as essential components in understanding how social identities are socially constructed in the United States. Using historical and contemporary references, the course explores the ways in which race, class, gender and ethnic relationships shape the experiences of people in the United States, and the implications of those experiences for social relationships. Part of this exploration is to expose students to inter-relatedness of race, class and gender, as identity markers, both historically and in contemporary society.

MCS 210 Power and Privilege in a Multicultural Society 3 Credits
This course will examine how the intersection of power and privilege shapes race, gender and class relationships in the United States. Analyses will show how the legal, economic, political and social manifestations of power influence the assignments and distribution of privilege in the United States, both in historical and contemporary contexts. The impositions of power on identity in the social assignment of privilege will be an important component of the course. The two "big questions" to be examined in this course are: How do issues of race, ethnicity, class, age, religion, gender, and sexual orientation interact with privilege? How do the tensions between power, privilege, oppression and inequality lead to movements for social justice? Various interlocking systems of privileges—justice system, educational system, medical system, political system, economic system, etc.–will be examined, using the theoretical frameworks of inequality, oppression and dependency. Prominent public policies and social movements that have challenged the notions of power and privilege, both historically and contemporarily, will be examined: civil rights, women's suffrage, affirmative action, Occupy Wall Street, LGBT rights, Metoo movement, Equal Rights Amendment, Title IX, Lilly Ledbetter Fair Pay Act, etc.

MCS 220 Issues in Multicultural Studies 3 Credits
An examination of issues and questions posed by the existence of diversity in social life. Students build on what they have learned in MCS 110 by focusing in greater depth on selected aspects of multicultural interaction. Topics change each semester and are listed in the course roster. Recent topics include "Understanding Privilege," "The Meaning of Difference," and "Narratives of Human Difference: Science, Politics, Literature."
Prerequisite(s): MCS 110 or permission of instructor.

MCS 280 Directed Study in Multicultural Studies 1-4 Credits
An intensive study experience in multicultural studies. The student designs and carries out a course of focused study under the supervision of a multicultural studies faculty member. The student's proposed plan of work must be reviewed and approved by the faculty sponsor and by the multicultural studies advisory committee. May be repeated once for credit.

MCS 490 Independent Study: Research and Creative Expression 1-4 Credits
Individual program of study under close supervision by the instructor, with weekly meetings and reports. Topics to be approved by the department. Available to seniors who have a minimum of a 3.0 GPA. No more than six credits allowed toward graduation.

MCS 491 Internship in Multicultural Studies 1-4 Credits
A supervised community service of work experience at an approved site. Placements are made in accordance with each student's particular theme within multicultural studies. A minimum of three hours per week on site per credit (39 hours per semester); in addition, students complete readings and reports and meet weekly with the instructor. Primarily for multicultural studies minors in their junior or senior year.

Music - B.A.M

Program Overview

The Bachelor of Arts in Music is a liberal arts degree with a major in music. A broad foundation in liberal studies complements extensive studies in music.

All students in the B.A.M. degree select a minor or a concentration. Concentrations are offered in specialized areas of music and require 9-10 credits. These include Composition Studies, Music Theory, Music History, and Sacred Music, among others.

Minors are offered in most disciplines of the university and require 18-21 credits. Students may choose from any concentration or minor approved by Rider University (www.rider.edu/academics/majors-minors-programs) (http://www.rider.edu/academics/majors-minors-programs/).

Typically this selection is made no later than the end of the sophomore year. Students are encouraged to make this decision earlier, if possible, as the date of the decision may affect progress towards a timely graduation. The declaration is made through the Registrar's office.

Courses taken to fulfill Arts and Sciences core requirements may be used to complete minor requirements. Interested students have the option to take elective composition lessons for an additional fee.

Degree Offered

- Bachelor of Arts in Music (B.A.M.)

Contact

Sharon Mirchandani, PhD.
Professor and Chairperson
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Westminster Choir College
Omega House
609-896-5000 x8313
smirchandani@rider.edu

Program Website: www.rider.edu/wcc/academics/undergraduate-programs/bachelor-arts-music (http://www.rider.edu/wcc/academics/undergraduate-programs/bachelor-arts-music/)

Associated Department: Department of Music Studies

Faculty

Sharon Mirchandani (chair) • Professor, Music History/Theory, 1997. B.M., Bowling Green State University; M.M., Temple University; Ph.D., Rutgers University.
Christian Carey • Associate Professor, Theory/Composition/Music History, 2004. B.M., Juilliard; M.M., Boston University; Ph.D., Rutgers University.
Ronald A. Hemmel • Professor, Theory/Composition. B.M., Westminster Choir College; M.M., James Madison University; M.Phil., Ph.D., Rutgers University.
Jay Kawarsky • Professor, Theory/Composition, 1989. B.M.E., Iowa State University; M.M., D.M., Northwestern University.
Anthony Kosar • Professor, Theory, 1984. B.M., West Liberty State College; M.M., Southern Illinois University; Ph.D., The Ohio State University.
Joel Phillips • Professor, Theory/Composition, 1985. M.M., Eastman School of Music, University of Rochester; B.M., D.M.A., University of Alabama.
Stefan Young • Emeritus Professor, Theory/Composition, 1979. B.M., Rollins College; M.M., The Juilliard School; Ph.D., Rutgers University.

Bachelor of Art in Music (B.A.M.) Requirements

(108-116 credits)

B.A.M. Requirements (p. 406) **(56 credits)**
Concentrations (p. 406) **(9 credits)**
Note: Students may choose a minor in place of a concentration.

CAS General Education Curriculum (p. 407) **(43-50 credits)**

B.A.M. Requirements
(56 credits)

Code	Title	Credits
Choirs		
CR 109	Chapel Choir (2 terms)	2
CR 209	Schola Cantorum (2 terms)	2
CR 509	Symphonic Choir (4 terms)	4
Applied Music and Diction		
Choose one primary from Organ, Piano or Voice.		
OR 168A	Applied Organ (Complete each semester for a total of 8 semesters) [1]	16
or PI 168A	Applied Piano	
or VC 168A	Applied Voice	
Piano or Voice secondary (4 terms)		**4**
PI 103	Piano Secondary I	
or PI 104	Piano Secondary II	
VC 103	Voice Secondary	
VC 115	English & Italian Diction [2]	2
VC 116	French & German Diction [2]	2
Theory and Music History		
TH 141	Musicianship I	4
TH 142	Musicianship II	4
TH 241	Musicianship III	4
MH 247	Music Historiography I	3
MH 248	Music Historiography II	3
MH 433	Seminar in Music History	3
TH 342	Contemporary Trends	3
or MH 345	Music Since 1900	
Total Credits		**56**

1

The 8th semester may be waived in the event of an approved internship or off-site semester of study. Internship credits replace Arts and Sciences elective credits. A recital or lecture-recital is required.

2

VC 115 and VC 116 are required for voice primary students only. Organ and piano primary students may substitute four additional credits of free electives.

Concentrations

(9 credits)

Code	Title	Credits
Select one of the following concentrations: [1]		**9**
Composition Studies Concentration		
TH 237	Composition Class	
Select two additional Theory (TH) courses from the following:		
TH 253	Orchestration	
or TH 255	Song Writing	
or TH 259	Electroacoustic Music	
or TH 424	Choral and Instrumental Arranging	
Music Education Concentration		
ME 161	Art of Teaching Music I	
Select 6 credits from the following courses:		
ME 187	Instrumental Music: Strings	
ME 188	Instrumental Music: Winds/Percussion	
ME 262	Art of Teaching Music II	
ME 471	Music and Hip Hop Culture	
ME 472	Teaching/Learning:Urban Schools	
ME 587	Music in Special Educ	
Music History Concentration		
MH 345	Music Since 1900 [2]	
Select two additional Music History (MH) elective courses.		
Music Theory Concentration		
TH 342	Contemporary Trends [3]	
Select two additional Theory (TH) electives, one of which must be a Level II elective.		
Piano Accompanying Concentration		
Note: Students in this concentration must be Piano Primary.		
PI 413	Accompanying Class	
PI 512	Chamber Music	
VC 433	Song Literature I	
or VC 434	Song Literature II	
Select two of the following:		
VC 118	Italian Diction	
VC 119	French Diction	
VC 120	German Diction	
Piano Studies Concentration		
Note: Students in this concentration must be Piano Primary or approved by the department.		
PI 297	Fund of Piano Pedagogy I	
PI 435	Survey of Piano Literature I	
or PI 436	Survey of Piano Literature II	
Select one of the following:		
PI 298	Fund of Piano Pedagogy II	
PI 540	Keyboard Skills	
Sacred Music Concentration		
SM 121	Survey of Sacred Music Lit	
SM 122	Worship and Theology	
SM 541	Conducting Church Choirs: Pedagogy & Management	
Voice Studies Concentration		
Note: Students in this concentration must be Voice Primary.		
VC 433	Song Literature I	
VC 434	Song Literature II	
VC 408	Voice Science	
VC 118	Italian Diction	
or VC 119	French Diction	
or VC 120	German Diction	

1

Students may choose a minor in place of a concentration.

2

If MH 345 is selected as part of the core requirement, students must take TH 342 in place of MH 345 as part of their concentration.

3

If TH 342 is selected as part of the core requirement, students must take MH 345 in place of TH 342 as part of their concentration.

CAS General Education Curriculum

(43-50 credits)

Code	Title	Credits
I. ESSENTIAL COMPETENCIES:		
Reading and Writing:		**6**
CMP 120	Seminar in Writing and Rhetoric	
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	
or BHP 150	Honors Seminar: Great Ideas II	
Mathematical Reasoning: [1]		**3-4**
MTH 102	Finite Mathematics [6]	
MTH 105	Algebra and Trigonometry	
or MTH 106	Precalculus	
Foreign Language Proficiency: [2]		**3-6**
Select one language path below:		
Chinese		
Select one or two CHI courses below, depending on placement testing:		
CHI 100	Chinese I	
CHI 101	Chinese II	
CHI 200	Chinese III	
CHI 201	Chinese IV	
Or select one CHI 300-400 level course taught in the Chinese language		
French		
Select one or two FRE courses below, depending on placement testing:		
FRE 100	French I	
FRE 101	French II	
FRE 200	French III	
FRE 201	French IV	
Or select one FRE 300-400 level course taught in the French language		
German		
Select one or two GER courses below, depending on placement testing:		
GER 100	German I	
GER 101	German II	
GER 200	German III	
GER 201	German IV	
Italian		
Select one or two ITA courses below, depending on placement testing:		
ITA 100	Italian I	
ITA 101	Italian II	
ITA 200	Italian III	
ITA 201	Italian IV	
Spanish		
Select one or two SPA courses below, depending on placement testing:		
SPA 100	Spanish I	
SPA 101	Spanish II [5]	
or SPA 102	Elementary Spanish II Abroad	
or SPA 103	Introductory Medical Spanish	
SPA 200	Spanish III	
SPA 201	Spanish IV	
Or select one SPA 300-400 level course taught in the Spanish language		
Oral Communication		**3**
COM 104	Speech Communication	
II. DISCIPLINARY PERSPECTIVES		
Scientific Perspectives: [3]		**4-6**
To fulfill the Scientific Perspectives requirement, students may take either a lecture/lab combination (4 credits) or two 3-credit non-lab courses (6 credits). Students who have taken a PSY course to fulfill the Social Perspectives requirement may not take a PSY course to fulfill the Scientific Perspective requirement.		
A. Lecture/Lab Combination Course		
CHE 114 & 114L	Chemistry in the Kitchen and Chemistry in the Kitchen Lab	
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab	
SUS 100 & 100L	Introduction to Sustainability Studies and Intro to Sustainability Lab	
B. 3-Credit Non-Lab Courses:		
BHP 240	Chemistry and Conflict [3]	
BHP 251	Idea to Innovation [3]	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]	
BHP 281	The Rhetoric of Science [3]	
BHP 340	Nature and Nurture [3]	
BIO 100	Life Science [3]	
BNS 107	Life Science: Brain and Behavior	
CHE 115	Chemistry & Society	
CSC 105	Fundamentals of Computer Science	
ENV 110	Future of Natural Resources	
ENV 120	Introduction to Climate Change	
GEO 100	Earth Systems Science	
GEO 110	Geology of National Parks	
GEO 113	Environmental Geology	
GEO 168	Mesozoic Ruling Reptiles	
MAR 120	Oceanography	
PHY 180	Astronomy	
PSY 131	The Science of Mental Illness	
SOC 150	Introduction to Forensics	

Social Perspectives:		**6**
Select two of the following. The two courses selected in this category cannot be from the same academic discipline. Students who have taken a PSY course to fulfill the Scientific Perspectives requirement may not take a PSY course to fulfill the Social Perspectives requirement.		
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [3]	
BHP 205	Under the Influence: Drugs, Deviance, and Culture [3]	
BHP 206	Honors Seminar:Politics/Literacy [3]	
BHP 212	Children and the Media [3]	
BHP 252	Creativity and Design Thinking [3]	
BHP 253	A Cross-Cultural Comparison of Play [3]	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]	
BHP 261	The Online Explosion: Radical Changes in Business and Communication [3]	
BHP 281	The Rhetoric of Science [3]	
BHP 301	The Law and Racial Progress [3]	
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology [3]	
BHP 315	Honors Seminar: 20th Century European Ideologies [3]	
BHP 340	Nature and Nurture [3]	
BHP 360	Moral Psychology [3]	
COM 105	Communication, Culture and Media	
FTV 202	Global Film & Media Industries	
GSS 100/GND 100	Introduction to Gender Studies	
MCS 210	Power and Privilege in a Multicultural Society	
POL 100	U.S. Politics in Crisis	
POL 102	Power, Politics and Justice	
PSY 102	Explorations in Psychology Honors	
PSY 110	Psychology:The Science of Well-being	
PSY 117	Psychology of Creativity	
PSY 118	Psychology of Women	
SOC 101	Sociological Imagination	
SOC 280	Social Movements Abroad	
Historical Perspectives:		**6**
HIS 150	World History to 1500	
HIS 151	World History Since 1500	
Aesthetic Perspectives:		**6**
Select two of the following, one course in Fine Arts and one course in Literature.		
Fine Arts		
AMS 307	Depictions of Racism in American Literature, Music, and Film	
AMS 309	Hip Hop and American Culture	
AMS 310	American Identity in the Arts	
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
BHP 290	Shakespeare: Page, Stage & Screen [3]	
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity [3]	
BHP 333	Music and Social Justice [3]	
DAN 105	Survey of Dance History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 120	Music and Society	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
THE 105	Theatre History to 1700	
THE 106	Theater History Since 1700	
THE 120	Theater Appreciation	
THE 206	American Theatre History	
Literature		
AMS 210	American Memoir and Autobiography	
AMS 306	Poetry and Poetics in American Culture	
AMS 308	Kurt Vonnegut's America	
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [3]	
BHP 205	Under the Influence: Drugs, Deviance, and Culture [3]	
BHP 206	Honors Seminar:Politics/Literacy [3]	
BHP 222	Honors Seminar: Existentialism in Literature [3]	
BHP 227	Race, Gender, and Sexuality in the Age of Empire	
BHP 290	Shakespeare: Page, Stage & Screen [3]	
BHP 315	Honors Seminar: 20th Century European Ideologies [3]	
CHI 307	Images of Women in Chinese Literature and Film	
ENG 205	Understanding Literature	
ENG 208	Arthurian Legends in Literature	
ENG 210	Major American Authors	
ENG 211	Major British Authors	
ENG 213	Literature and Mythology	
ENG 214	Monsters in Literature	
ENG 215	Satire and Comedy	
ENG 217	Introduction To Shakespeare	
ENG 218	Literature and the Environment	
ENG 219	Literature and Violence	
ENG 220	Literature & Society	
ENG 221	Literature and Psychology	
ENG 222	Crime and Literature	
ENG 224	Science Fiction	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
ENG 230	Women In Literature	
ENG 270	Major Poets	
ENG 290	The Short Story	
ENG 295	Human Relationships in Literature (HONORS)	
ENG 337	Global Literature	
FRE 305	An Introduction to French Literature	
FRE 422	Cultural Expression in French Film and Television	
FRE 425	Portrait of the Hero in French Fiction	
FRE 430	Mask & Reality in French Theater	
FRE 435	Self in French Prose & Poetry	
FRE 440	A Quest for Identity: Francophone Literature and Culture	

GSS 320	Sex, Gender, and Fairy Tales
LIT 250	Masterworks of Western Literature I
LIT 251	Masterworks of Western Literature II
SPA 320	Introduction to Spanish Literature
SPA 325	Introduction to Latin-American/Latino Literature
SPA 413	The Hispanic Short Story: Transatlantic Connections
SPA 416	The Spanish Golden Age
SPA 420	From Colonies to Nations
SPA 426	Latin American/Latino Film and Fiction

Philosophical Perspectives: 3

Select one of the following:

BHP 222	Honors Seminar: Existentialism in Literature [3]
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity [3]
BHP 360	Moral Psychology [3]
PHL 102	Philosophical Thinking
PHL 110	Logic and Language
PHL 115	Ethics
PHL 120	American Philosophy
PHL 130	Political Philosophy
PHL 202	Social Philosophy
PHL 207	Asian Philosophy
PHL 210	Symbolic Logic
PHL 215	Environmental Ethics
PHL 225	Modern Philosophy
PHL 230	Philosophy of the Sexes
PHL 304	Medical Ethics
PHL 310	Problems in 20th-Century Philosophy
PHL 320	Philosophy of Science
PHL 334	Theories of Knowledge
PHL 336	Philosophy of Mind
PHL 343	Theories of Reality
PHL 348	Indian Philosophy
PHL 358	Chinese Philosophy
PHL 360	Contemporary Ethics
PHL 368	Japanese Philosophy

III. GLOBAL PERSPECTIVES 3-4

Select one course below that emphasizes an international, global, and/or non-U.S. cultural perspective and follows the Global Perspective (GP) designation.

BHP 227	Race, Gender, and Sexuality in the Age of Empire [3]
BHP 253	A Cross-Cultural Comparison of Play [3]
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]
BHP 315	Honors Seminar: 20th Century European Ideologies [3]
BHP 360	Moral Psychology [3]
CHE 340	Environmental Chemistry
CHI 307	Images of Women in Chinese Literature and Film
CHI 310	Chinese Culture and Civilization
CHI 311	Calligraphy As a Window to Chinese Language and Culture
COM 252	Intercultural Communication
COM 393	International Communication
DAN 105	Survey of Dance History
ENG 337	Global Literature
ENV 100	Introduction to Environmental Sciences
ENV 110	Future of Natural Resources
ENV 120	Introduction to Climate Change
FMS 250/ENG 281	Global Film History: Origins to 1960
FMS 251/ENG 282	Global Film History: 1961 to Present
FRE 301	French for Business
FRE 305	An Introduction to French Literature
FRE 311	French Culture
FRE 422	Cultural Expression in French Film and Television
FRE 425	Portrait of the Hero in French Fiction
FRE 430	Mask & Reality in French Theater
FRE 435	Self in French Prose & Poetry
FRE 440	A Quest for Identity: Francophone Literature and Culture
FTV 202	Global Film & Media Industries
GEO 100	Earth Systems Science
GEO 113	Environmental Geology
GEO 168	Mesozoic Ruling Reptiles
GLS 180	Understanding Global Relations
GLS 200	The Social Construction of Global Society
GLS 201	Politics of the Global Economy
GLS 285	The Student Global Village
GLS 310	Ethnographic Film
GLS 325	Global Perspectives on Health and Illness
GSS 312	Gender, War and Peace
GSS 322	Witch Hunts: Femicide Through Centuries
GSS 400	Seminar in Transcultural Gender and Sexuality
HCP 303	Global Health and Human Rights
HIS 273	Imperial Russia
HIS 274	Modern Russia
HIS 333	20th-Century Europe
HIS 334	The Era of World War II
HIS 335	Nazi Germany & Hitler's Europe
HIS 343	Ottoman Empire and the Balkans
HIS 352	History of Socialism
LIT 250	Masterworks of Western Literature I
MAR 120	Oceanography
PHL 102	Philosophical Thinking
PHL 207	Asian Philosophy
PHL 334	Theories of Knowledge
PHL 336	Philosophy of Mind
PHL 343	Theories of Reality
PHL 348	Indian Philosophy
PHL 358	Chinese Philosophy
PHL 368	Japanese Philosophy
PHL 418	Great Buddhist Thinkers
POL 215	Global Politics

POL 225	Nationalism in World Politics
POL 280	Sex & Gender in International Politics
POL 303	Global Justice
POL 306	American Political Film
POL 307	Political Communication
POL 315	Global Issues
POL 317	Model United Nations
POL 318	Conflict Resolution
POL 320	Politics of the Middle East
POL 322	African Politics
POL 328	Environmental Politics
POL 329	Comparative Environmental Policy
POL 330	Geopolitics of Energy
POL 350	U.S. Foreign Policy and Security Policy
POL 367	Global Immigration
PSY 334	Disabilities Across Cultures
POL 363/HLS 363	Human Rights in Global Context
SOC 280	Social Movements Abroad
SPA 301	Spanish for Business
SPA 303	Advanced Communication and Popular Cultures
SPA 310	Spanish Culture & Civilization
SPA 311	Latin American Cultures
SPA 312	Latinx Cultures
SPA 320	Introduction to Spanish Literature
SPA 325	Introduction to Latin-American/Latino Literature
SPA 416	The Spanish Golden Age
SPA 420	From Colonies to Nations
SPA 426	Latin American/Latino Film and Fiction
SPA 430	Latinx Community Engagement
SUS 100	Introduction to Sustainability Studies
Total Credits	**43-50**

1

Students enrolled in MTH 102 (http://catalog.rider.edu/search/?P=MTH%20102) will be given a brief test, prepared by the Department of Mathematics, during the first five business days of the semester. Those placing below a minimum score set by the Department of Mathematics on the test will be required to participate in one hour of structured tutoring once per week concurrent with taking MTH 102 (http://catalog.rider.edu/search/?P=MTH%20102). All others enrolled in the class are strongly encouraged to participate in available tutoring.

2

Students who place at the 101-level or above are required to take a minimum of 3 credits at the level of placement. Students who are native speakers of languages not offered at Rider University may have their requirement waived upon documentation of proficiency. This documentation could be in the form of a transcript on letterhead sent by the accredited institution abroad, or fee-based proficiency tests. To initiate a request for a waiver, students should see the chairperson of the Department of Languages, Literatures, and Cultures (https://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/). Students beginning a new language must complete the language placement form (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/departments/languages-literatures-cultures/placement-testing/foreign-language-placement-form/) and are not required to take a placement test. Once completing the form, they will have met the prerequisites to register for CHI, FRE, GER, ITA, or SPA100.

3

Due to the interdisciplinary nature of BHP classes, upper-level seminars may satisfy two different categories from the Disciplinary Perspectives. For courses that satisfy more than one DP category, BHP students must select which general education requirement they would like the course to fulfill.

Certificate in Music Composition Studies

(9 credits)

The Certificate in Music Composition Studies is intended for any Rider undergraduate student who is not in the B.A.M. degree but who has an interest in composition, arranging, and orchestration.

Code	Title	Credits
Required course:		
TH 237	Composition Class	3
Select two of the following:		**6**
TH 253	Orchestration	
TH 255	Song Writing	
TH 259	Electroacoustic Music	
TH 424	Choral and Instrumental Arranging	
Total Credits		**9**

Note: Elective composition lessons are optional and are available for an additional fee.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CR 109	Chapel Choir	1
PI 103 or VC 103	Piano Secondary I or Voice Secondary	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2

TH 141	Musicianship I	4
CMP 125	Seminar in Writing and Research	3
Foreign Language level I		3
Arts &Sciences elective		3
	Semester Credit Hours	**17**
Spring Semester		
CR 109	Chapel Choir	1
PI 104 or VC 103	Piano Secondary II or Voice Secondary	1
VC 115	English & Italian Diction [1]	2
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
TH 142	Musicianship II	4
Foreign Language level II		3
Literature elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CR 209	Schola Cantorum	1
PI 203 or VC 203	Piano Secondary III or Voice Secondary	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
TH 241	Musicianship III	4
MH 247	Music Historiography I	3
VC 116	French & German Diction [1]	2
Philosophy/Religion elective		3
	Semester Credit Hours	**16**
Spring Semester		
CR 209	Schola Cantorum	1
PI 208 or VC 203	Piano Secondary BAM or Voice Secondary	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
MH 248	Music Historiography II	3
Writing Intensive elective		3
Natural Science/Math elective		3
	Semester Credit Hours	**13**
Year 3		
Fall Semester		
CR 509	Symphonic Choir	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
MH 433	Seminar in Music History	3
Concentration course		3
Social Science elective		3
Arts & Sciences elective		3
	Semester Credit Hours	**15**
Spring Semester		
CR 509	Symphonic Choir	1
TH 342 or MH 345	Contemporary Trends or Music Since 1900	3
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
Concentration course		3
Arts & Sciences electives		6
History elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
CR 509	Symphonic Choir	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
Concentration course		3
Arts & Sciences electives		6
Free Electives		3
	Semester Credit Hours	**15**
Spring Semester		
CR 509	Symphonic Choir	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
Arts & Sciences electives		6
Free Electives		6
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**125**

1

VC 115 and VC 116 are required for Voice primary students only. Organ and piano primary students may substitute cour additional credits of free electives.

Courses and Descriptions

CR 109 Chapel Choir 1 Credits
Comprised of undergraduate students in their first year of study, Chapel Choir focuses on music for men's, women's, and mixed chorus. The ensemble provides the fundamentals of artistic choral ensemble singing and a foundation for all Westminster choral ensembles. Placement hearing required.

CR 209 Schola Cantorum 1 Credits
Comprised of undergraduate students in their second year of study, Schola Cantorum focuses on music for mixed chorus and continues to build and refine the skills developed in Chapel Choir. This ensemble presents campus, community, and regional performances. Placement hearing required.

CR 509 Symphonic Choir 1 Credits
A large mixed chorus comprised of students above the lower division, including graduate students from all disciplines. The ensemble regularly performs in the region and focuses on the major choral/orchestral repertoire along with a wide variety of repertoire for large mixed chorus. Placement hearing required.

MH 247 Music Historiography I 3 Credits
Historiography I begins by exploring similarities and differences between various music cultures around the world, and continues with an examination of selected genres of Western Art Music of the Medieval, Renaissance and Baroque periods. Basic information literacy skills, such as searching library catalogs, databases and reading academic articles also will be covered.
Prerequisite(s): CMP 125.

MH 248 Music Historiography II 3 Credits
Examines Western Art Music since 1750 and includes a research assignment that builds upon the information literacy skills gained in MH 247.
Prerequisite(s): MH 247.

MH 345 Music Since 1900 3 Credits
Examines controversies and aesthetic movements in 20th and 21st century music. Emphasis is placed upon critical reading and writing skills.
Prerequisite(s): MH 248.

MH 433 Seminar in Music History 3 Credits
The contents of courses carrying this number will vary with the special interests and qualifications of the instructors teaching them. Possible topics include period courses, courses from a distinct perspective, composer courses and genre courses.
Prerequisite(s): MH 248.

OR 168A Applied Organ 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

PI 168A Applied Piano 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

PI 297 Fund of Piano Pedagogy I 3 Credits
Fundamentals I is devoted to study of techniques, methods, and materials suitable for beginning through early intermediate level students. Other areas of study include motivational strategies, establishment of effective practice habits, recital preparation, technique, and elementary duet materials. Students analyze and demonstrate teaching from three different beginning piano methods. Observation of professional teaching is done in the context of class and private lessons at the Westminster Conservatory.

PI 298 Fund of Piano Pedagogy II 3 Credits
In Fundamentals II, students continue to apply their experience with piano methods to the teaching of students. In addition, the semester is devoted to the study of materials from all style periods for upper elementary and intermediate level students. Students observe private and group lessons appropriate to these levels. The course culminates in an individual lecture recital demonstrating music from a variety of style periods.
Prerequisite(s): PI 297.

PI 435 Survey of Piano Literature I 3 Credits
A study of representative works from 1650-1800 by composers including J. S. Bach, C.P.E. Bach, J.C. Bach, Haydn, Mozart, and Beethoven.
Prerequisite(s): MH 248.

PI 436 Survey of Piano Literature II 3 Credits
A study of representative works from 1800 to the present by composers including Beethoven, Schubert, Mendelssohn, Schumann, Chopin, Liszt, Brahms, Debussy, Ravel, Prokofiev, and Bartók.
Prerequisite(s): MH 248.

PI 413 Accompanying Class 2 Credits
This course is designed with the twofold purpose of allowing undergraduate pianists to fulfill their piano ensemble elective requirement within the professional studies area as well as providing an opportunity for voice primary students to further their piano study in a challenging forum in situations directly related to their repertoire. The students in the class will receive instruction in the stylistic, technical, analytical and linguistic aspects of vocal literature. The many issues involved in vocal collaboration will be discussed along with in-depth study of the pianist's role in musical partnerships. Issues of musical freedom, language, and the varieties of sonic treatment unique to vocal literature will be discussed. Italian, French, German and English song repertoire from various style periods will provide the assignments for performance and discussion.

PI 512 Chamber Music 2 Credits
Emphasis is placed upon rehearsal and performances of representative collaborative literature for strings and piano, and woodwinds and piano. Students will be assigned movements from major chamber works selected from different style periods. Professional instrumentalists will join them for rehearsals and performances in class. An overview of the development of this repertoire will be presented and listening assignments will augment the study of specific works. A project involving the study and presentation of a piano quartet or piano quintet will be included. Attendance at three concerts of instrumental chamber music is required. Permission of applied teacher and instructor is required.

PI 540 Keyboard Skills 3 Credits
The course includes in-depth study of numerous aspects of musicianship skills essential for all pianists within the broader categories of technique and practice strategies; memorization and sight reading; improvisation and lead sheet realization. All aspects of piano musicianship skills will be addressed from practical, pedagogical, and collaborative points of view. Assignments will include examples of studies from a wide range of levels all within the current and developing skill level of each student enrolled in the class.
Prerequisite(s): UG - Eight credits of applied keyboard study or permission of keyboard instructor or course instructor. GR - Permission of course instructor.

SM 121 Survey of Sacred Music Lit 3 Credits
Broad survey of Christian music. Through standard repertoire, major historical genres of sacred music are explored from biblical roots in the Old and New Testament to the postmodern expressions of our time.

SM 122 Worship and Theology 3 Credits
A study of the content, theology, and history of the Old and New Testament narratives that the church recounts and celebrates in its liturgical year.

SM 541 Conducting Church Choirs: Pedagogy & Management 3 Credits
A practical course devoted to the building and maintenance of church music programs serving persons of all ages.

TH 141 Musicianship I 4 Credits
This course assists students in learning and integrating aural, performance, analytical and composition skills involving diatonic melody and harmony. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade.
Prerequisite(s): TH 045 or passing a placement test.

TH 142 Musicianship II 4 Credits
A continuation of TH 141 involving chromatic melody and harmony with an introduction to binary and ternary form.
Prerequisite(s): minimum "C-" grade in TH 141.

TH 237 Composition Class 3 Credits
Class instruction in original composition. May be taken as a level I elective.
Prerequisite(s): For non Theory/Composition majors only, minimum "C-" grade in TH 142.

TH 241 Musicianship III 4 Credits
A continuation of TH 142 with an introduction to larger musical forms and counterpoint.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 253 Orchestration 3 Credits
A study of the orchestra and its individual instruments from the standpoints of the composer, arranger and conductor. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 259 Electroacoustic Music 3 Credits
An introduction to the history and literature of electroacoustic music emphasizing hands-on creative opportunities in sequencing and digital sound processing. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 342 Contemporary Trends 3 Credits
An analytical study of the compositional techniques of the 20th and 21st centuries.
Prerequisite(s): TH 241.

TH 424 Choral and Instrumental Arranging 3 Credits
Arranging for various ensembles of voices and instruments. May be taken as a level II theory elective.
Prerequisite(s): TH 241.

VC 168A Applied Voice 2 Credits
One-hour, 2-credit required lesson. Included in tuition — no extra charge.

VC 115 English & Italian Diction 2 Credits
Introduction to the rules of singing English and Italian through the use of the International Phonetic Alphabet (IPA) with oral and written drill.

VC 116 French & German Diction 2 Credits
Introduction to the rules of singing French and German through the use of the International Phonetic Alphabet (IPA) with oral and written drill.
Prerequisite(s): VC 115.

VC 118 Italian Diction 2 Credits
Introduction to the rules for singing Italian through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 119 French Diction 2 Credits
Introduction to the rules for singing French through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 120 German Diction 2 Credits
Introduction to the rules for singing German through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 408 Voice Science 3 Credits
Study of the physics and physiology of voice production. Musical and vocal acoustics are explored using the facilities of the Westminster Voice Laboratory. Anatomic and physiologic underpinnings of respiration, phonation, articulation, registration and hearing are explored in depth.

VC 433 Song Literature I 2 Credits
A survey of solo literature for voice and accompanying instrument including solo vocal music of the Baroque period and German lieder.
Prerequisite(s): MH 248.

VC 434 Song Literature II 2 Credits
A survey of solo literature for voice and accompanying instrument including French mélodie, songs by nationalist composers, English and American song.
Prerequisite(s): MH 248.

Music Education

Program Overview

The undergraduate Music Education degree normally takes four years to complete and includes courses in music education, musicianship studies, general education, and field experiences. Each year students engage in increasingly intensive field experiences, culminating with a semester of full-time student teaching in the last year.

All music education majors must maintain a portfolio of work providing evidence of their suitability for teaching. Portfolios are reviewed as part of the Sophomore Review taken near the completion of 60 credits. Music Education majors must maintain a minimum cumulative grade point average of 3.0. Students whose general progress is unsatisfactory or whose cumulative grade point average falls below a minimum 3.0 level may be dropped from the Music Education major. If a student is dropped from the major because of failure to maintain the minimum grade point average, s/he may apply for readmission to the Music Education department. Readmission will be dependent upon various criteria, including the G.P.A., current academic progress and the student's general standing. Decisions regarding retention or appeals will be made in a manner consistent with state and institutional non-discrimination policies.

At the time of the sophomore portfolio, students with a high GPA and excellent writing skills may be invited into the 4+1 Bachelor of Music/ Master of Music Education program. As part of this dual enrollment program, students can take master's level courses during their junior and senior years that can be applied toward their Master of Music Education degree. Many students can complete the MME degree in one additional year of study. Summer study and/or J-Term study may also be necessary. Students in this program are required to maintain a GPA of 3.0 or above and are provided a fifth year of funding equal to their undergraduate financial package.

To graduate, students must complete all requirements for New Jersey teacher certification for Certified Educator with Advanced Standing (CEAS). **Students who want to be able to apply for teaching positions in other states should become familiar with teacher certification requirements for states of interest ASAP to determine if additional coursework is needed.** In addition to successfully completing required coursework, the State of New Jersey requires students to:

1. Satisfy basic skills (reading, writing, math) proficiency as a prerequisite for taking the Sophomore Review. Proficiency is satisfied for students who score at or above the identified cut

scores on the SAT or ACT. Students who do not have sufficient SAT or ACT test scores must pass the Praxis Core Academic Skills (https://www.ets.org/praxis/nj/requirements/) tests to satisfy basic skills proficiency.

2. Complete a minimum of 50 hours of clinical experience during the first four semesters and 175 hours of clinical practice before full-time clinical practice (student teaching).

3. Pass the Praxis Music Content Exam.

4. Pass the performance-based edTPA Exam.

For more information about non-course program requirements, see links on Undergraduate Music Education Homepage. (http://www.rider.edu/wcc/academics/undergraduate-programs/music-education/)

Curriculum Overview

The Music Education curriculum includes courses in elementary and secondary general music education, choral music education, instrumental studies, music technology and creativity, and students with special needs. An innovative four-course sequence integrates theoretical foundations of planning, teaching, assessing, and musicianship development with practical application through peer teaching and field-based music teaching. The undergraduate Music Education curriculum is intended to develop teachers who are reflective, who acknowledge the connections music has to the child's world and who seek to promote an understanding of those connections in a social context.

Music Education Portfolios

All Music Education majors must maintain portfolios of work providing evidence of their suitability for teaching. Portfolios of undergraduates are reviewed by the department with students when they have earned at least 60 credits as well as upon completion of ME 492. Students must pass the portfolio review to continue in the department. Portfolios of graduate students are reviewed each year.

Student Teaching

Student teaching is a full semester in duration and is usually completed during the seventh or eighth semester of study. Students may not enroll for any applied or classroom courses during the semester of student teaching, except for ME 587. In addition, students may not present or participate in recitals or choral performances or ensembles during the semester of student teaching. Further departmental policies regarding the student teaching semester are contained in the Music Education Department Handbook. Students are referred to the paragraph above which relates to registering for the student teaching semester.

Practicums and Field-based Observations

In addition to the standard student teaching semester in the senior year, a special feature of the Westminster Choir College program is the experience of observation and teaching in the context of the Art of Teaching Music courses ME 161, ME 262, ME 563 and ME 564. These combine instruction in music methods with practical experience in public school contexts. Several music education courses require students to make observations of music classes in urban, suburban, public and/or private schools.

Students must be prepared to arrange for transportation to and from practicums at a reasonable distance from the college and to sustain related expenses.

Students will be required to obtain a background clearance in an assigned school district in order to participate in a field experience. Students who have been convicted of a felony may not be approved for field experiences, and are not able to receive New Jersey State Teacher Licensure.

Degrees Offered

- B.M. in Music Education
- Dual Degree Program: B.M. in Music Education/Master of Music Education
- Certificate in Music Education

Contact

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Westminster Choir College
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Program Website: Music Education (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/westminster-choir-college/undergraduate/music-education/)

Associated Department: Department of Music Studies

Accreditation: Council for the Accreditation of Educator Preparation (http://caepnet.org/) (CAEP).

Related Programs
Voice Performance (p. 554)

Faculty

Sarah Perry • Assistant Professor, Music Education, 2021. B.S., Elizabethtown College; M.A., M.E., Ed.D., Teachers College, Columbia University.
Jason Vodicka • Associate Professor, Music Education, 2018. B.M., M.M., Westminster Choir College of Rider University; D.M.A., University of Georgia.
G. Preston Wilson, Jr. • Assistant Professor, Music Education, 2021. B.M., Fisk University; M.M., Bowling Green State University.

Music Education Program Requirements

(131-133 credits)

Music Education Requirements (p. 414) **(110 credits)**
CAS General Education Curriculum (p. 415) **(21-23 credits)**

Music Education Requirements

Code	Title	Credits
Complete the following courses:		
Choirs and Conducting		
CR 109	Chapel Choir (2 terms)	2
CR 209	Schola Cantorum (2 terms)	2
CR 509	Symphonic Choir (3 terms)	3
CR 215	Fundamentals of Conducting	3
CR 315	Techniques of Conducting	3
Applied Music and Diction		
VC 115	English & Italian Diction	2

VC 116	French & German Diction	2
Select one of the following concentrations:		14
Organ Concentration (7 terms)		
OR 168A	Applied Organ	
Piano Concentration (7 terms)		
PI 168A	Applied Piano	
Voice Concentration (7 terms)		
VC 168A	Applied Voice	
Voice or Piano secondary (4 terms)		**4**
VC 103	Voice Secondary	
or VC 203	Voice Secondary	
or PI 103	Piano Secondary I	
or PI 104	Piano Secondary II	
Theory and Music History		
TH 141 & TH 142 & TH 241	Musicianship I and Musicianship II and Musicianship III	12
MH 247 & MH 248	Music Historiography I and Music Historiography II	6
TH 342	Contemporary Trends	3
MH 345	Music Since 1900	3
Music History (MH) elective		
MH 433	Seminar in Music History	3
Theory (TH) level I elective		**3**
Select one of the following:		
TH 237	Composition Class	
TH 251	Analytical Studies I	
TH 253	Orchestration	
TH 255	Song Writing	
TH 259	Electroacoustic Music	
Theory (TH) level II elective		**3**
Select one of the following:		
TH 424	Choral and Instrumental Arranging	
TH 431	Form and Analysis	
TH 432	Contrapuntal Techniques	
TH 433	Special Topics in Theory	
TH 452	Analytical Studies II	
TH 550	Keyboard Harmony	
Professional Studies		
Complete all of the following courses:		
ME 111	Music Education Lab (7 terms)	0
ME 161	Art of Teaching Music I	3
ME 187	Instrumental Music: Strings	1
ME 188	Instrumental Music: Winds/Percussion	2
ME 262	Art of Teaching Music II	4
ME 492	Student Teaching	12
ME 563	Art of Teaching Music III	4
ME 564	Art of Teaching Music IV	4
ME 587	Music in Special Educ	1
ME 592	Creativity & Music Technology	2
PSY 100	Introduction to Psychology	3
PSY 230	Child Development	3
or PSY 231	Youth and Adolescent Development	
Free electives		3
Total Credits		**110**

Notes

[1]

VC 115 and VC 116 are required for voice primary students only. Organ and piano primary students may substitute four additional credits of free electives for these two courses.

[2]

Students must successfully complete a portfolio review during the semester in which they will earn 58-60 credits in order to continue as music education majors. Transfer students with sophomore status must successfully complete the portfolio review at the end of the first year of study.

CAS General Education Curriculum

Code	Title	Credits
General Education Requirements		
Reading and Writing		**6**
CMP 120	Seminar in Writing and Rhetoric	
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	
or BHP 150	Honors Seminar: Great Ideas II	
Mathematical Reasoning [1]		**3-4**
Select one of the following:		
MTH 102	Finite Mathematics	
MTH 105	Algebra and Trigonometry	
MTH 106	Precalculus	
Scientific Perspectives: [2]		**3-4**
To fulfill the Scientific Perspectives requirement, students may select either a lecture/lab combination (4 credits) or one 3-credit non-lab course (3 credits). Students who have taken a PSY course to fulfill the Social Perspectives requirement may not take a PSY course to fulfill the Scientific Perspective requirement.		
A. Lecture/Lab Combination Courses		
CHE 114 & 114L	Chemistry in the Kitchen and Chemistry in the Kitchen Lab	
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab	
SUS 100 & 100L	Introduction to Sustainability Studies and Intro to Sustainability Lab	
B. 3-Credit Non-Lab Courses:		
BHP 240	Chemistry and Conflict [3]	
BHP 251	Idea to Innovation [3]	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]	
BHP 281	The Rhetoric of Science [3]	
BHP 340	Nature and Nurture [3]	
BIO 100	Life Science	
BNS 107	Life Science: Brain and Behavior	
CHE 115	Chemistry & Society	

CSC 105	Fundamentals of Computer Science
ENV 110	Future of Natural Resources
ENV 120	Introduction to Climate Change
GEO 100	Earth Systems Science
GEO 110	Geology of National Parks
GEO 113	Environmental Geology
GEO 168	Mesozoic Ruling Reptiles
MAR 120	Oceanography
PHY 180	Astronomy
PSY 131	The Science of Mental Illness
SOC 150	Introduction to Forensics

Social Perspectives (select one course) **3**

Students who have taken a PSY course to fulfill the Scientific Perspectives requirement may not take a PSY course to fulfill the Social Perspectives requirement.

BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [3]
BHP 205	Under the Influence: Drugs, Deviance, and Culture [3]
BHP 206	Honors Seminar:Politics/Literacy [3]
BHP 212	Children and the Media [3]
BHP 252	Creativity and Design Thinking [3]
BHP 253	A Cross-Cultural Comparison of Play [3]
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]
BHP 261	The Online Explosion: Radical Changes in Business and Communication [3]
BHP 281	The Rhetoric of Science [3]
BHP 301	The Law and Racial Progress [3]
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology [3]
BHP 315	Honors Seminar: 20th Century European Ideologies [3]
BHP 340	Nature and Nurture [3]
BHP 360	Moral Psychology [3]
COM 105	Communication, Culture and Media
FTV 202	Global Film & Media Industries
GSS 100	Introduction to Gender Studies
MCS 110/GSS 110	Race, Class and Gender in Contemporary American Society
MCS 210	Power and Privilege in a Multicultural Society
POL 100	U.S. Politics in Crisis
POL 102	Power, Politics and Justice
PSY 102	Explorations in Psychology Honors [2]
PSY 110	Psychology:The Science of Well-being [2]
PSY 117	Psychology of Creativity [2]
PSY 118	Psychology of Women [2]
SOC 101	Sociological Imagination
SOC 280	Social Movements Abroad

Historical Perspectives: **3**

Select one of the following:

HIS 150	World History to 1500
HIS 151	World History Since 1500

Select one course from the Aesthetic or Philosophical Perspective **3**

Aesthetic Perspectives:	
AMS 210	American Memoir and Autobiography
AMS 306	Poetry and Poetics in American Culture
AMS 308	Kurt Vonnegut's America
BHP 201	Age of Shakespeare: A Study in Cultural History [3]
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [3]
BHP 205	Under the Influence: Drugs, Deviance, and Culture [3]
BHP 206	Honors Seminar:Politics/Literacy [3]
BHP 222	Honors Seminar: Existentialism in Literature [3]
BHP 227	Race, Gender, and Sexuality in the Age of Empire [3]
BHP 290	Shakespeare: Page, Stage & Screen [3]
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology [3]
BHP 315	Honors Seminar: 20th Century European Ideologies [3]
CHI 307	Images of Women in Chinese Literature and Film
ENG 205	Understanding Literature
ENG 208	Arthurian Legends in Literature
ENG 210	Major American Authors
ENG 211	Major British Authors
ENG 213	Literature and Mythology
ENG 214	Monsters in Literature
ENG 215	Satire and Comedy
ENG 217	Introduction To Shakespeare
ENG 218	Literature and the Environment
ENG 219	Literature and Violence
ENG 220	Literature & Society
ENG 221	Literature and Psychology
ENG 222	Crime and Literature
ENG 224	Science Fiction
ENG 228	Black American Lit
ENG 229	Multi-Ethnic Literature in America
ENG 230	Women In Literature
ENG 270	Major Poets
ENG 290	The Short Story
ENG 295	Human Relationships in Literature (HONORS)
ENG 337	Global Literature
FRE 305	An Introduction to French Literature
FRE 422	Cultural Expression in French Film and Television
FRE 425	Portrait of the Hero in French Fiction
FRE 430	Mask & Reality in French Theater
FRE 435	Self in French Prose & Poetry
FRE 440	A Quest for Identity: Francophone Literature and Culture
GSS 320	Sex, Gender, and Fairy Tales
LIT 250	Masterworks of Western Literature I
LIT 251	Masterworks of Western Literature II
SPA 320	Introduction to Spanish Literature
SPA 325	Introduction to Latin-American/Latino Literature
SPA 413	The Hispanic Short Story: Transatlantic Connections
SPA 416	The Spanish Golden Age

SPA 420	From Colonies to Nations
SPA 426	Latin American/Latino Film and Fiction
Philosophical Perspectives	
BHP 222	Honors Seminar: Existentialism in Literature [3]
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity [3]
BHP 360	Moral Psychology [3]
PHL 100	Plato and Aristotle
PHL 102	Philosophical Thinking
PHL 110	Logic and Language
PHL 115	Ethics
PHL 120	American Philosophy
PHL 125	Philosophies of Education
PHL 130	Political Philosophy
PHL 202	Social Philosophy
PHL 207	Asian Philosophy
PHL 210	Symbolic Logic
PHL 215	Environmental Ethics
PHL 225	Modern Philosophy
PHL 230	Philosophy of the Sexes
PHL 304	Medical Ethics
PHL 310	Problems in 20th-Century Philosophy
PHL 320	Philosophy of Science
PHL 343	Theories of Reality
PHL 348	Indian Philosophy
PHL 358	Chinese Philosophy
PHL 360	Contemporary Ethics
PHL 368	Japanese Philosophy
Total Credits	**21-23**

1

Appropriate mathematics and science courses may be substituted if required by the major. Students may also fulfill this requirement by taking an upper-level MTH course (e.g., MTH 210 (http://catalog.rider.edu/search/?P=MTH%20210), MTH 211 (http://catalog.rider.edu/search/?P=MTH%20211)).

2

Students who choose a Psychology (PSY) course to fulfill a requirement for Scientific Perspectives may not choose a Psychology (PSY) course to fulfill a requirement for Social Perspectives, and vice versa.

3

Due to the interdisciplinary nature of BHP classes, upper-level seminars may satisfy two different categories for the Disciplinary Perspectives. For courses that satisfy more than one DP category, BHP students much choose which general education requirement they would like the course to fulfill.

Certificate in Music Education

(9 credits)

The certificate in Music Education is intended for undergraduate students in other degree programs, both within or outside of Westminster Choir College. Students who have an interest in teaching music or intend to teach music as part of their future careers as performers, church musicians, elementary educators, etc. will be provided with the foundational knowledge needed to pursue their chosen path. This certificate is not intended for students who will teach full-time in a public school. This certificate does not lead to any state teaching certification.

Code	Title	Credits
Required course:		
ME 161	Art of Teaching Music I	3
Select 6 credits from the following courses:		**6**
ME 187	Instrumental Music: Strings (1 credit)	
ME 188	Instrumental Music: Winds/Percussion (2 credits)	
ME 262	Art of Teaching Music II (4 credits)	
ME 471	Music and Hip Hop Culture (3 credits)	
ME 472	Teaching/Learning:Urban Schools (3 credits)	
Total Credits		**9**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CR 109	Chapel Choir	1
PI 103 or VC 103	Piano Secondary I or Voice Secondary	1
TH 141	Musicianship I	4
ME 111	Music Education Lab	0
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 187	Instrumental Music: Strings	1
CMP 125	Seminar in Writing and Research	3
Math elective		3
	Semester Credit Hours	**15**
Spring Semester		
CR 109	Chapel Choir	1
PI 104 or VC 103	Piano Secondary II or Voice Secondary	1
ME 111	Music Education Lab	0
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 161	Art of Teaching Music I	3
ME 188	Instrumental Music: Winds/Percussion	2
PSY 100	Introduction to Psychology	3
TH 142	Musicianship II	4
VC 115	English & Italian Diction [1]	2
	Semester Credit Hours	**18**
Year 2		
Fall Semester		
CR 215	Fundamentals of Conducting	3
CR 509	Symphonic Choir	1

PI 203 or VC 203	Piano Secondary III or Voice Secondary	1
MH 247	Music Historiography I	3
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 111	Music Education Lab	0
ME 262	Art of Teaching Music II	4
TH 241	Musicianship III	4
	Semester Credit Hours	**18**
Spring Semester		
CR 315	Techniques of Conducting	3
CR 509	Symphonic Choir	1
PI 204 or VC 203	Piano Secondary for Mus Ed & Sacred Music or Voice Secondary	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 111	Music Education Lab	0
MH 248	Music Historiography II	3
TH 342	Contemporary Trends	3
VC 116	French & German Diction [1]	2
Arts & Sciences elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
CR 509	Symphonic Choir	1
MH 345	Music Since 1900	3
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 111	Music Education Lab	0
ME 592	Creativity & Music Technology	2
PSY 230 or PSY 231	Child Development or Youth and Adolescent Development	3
Theory Level I elective		3
Arts & Sciences elective		3
	Semester Credit Hours	**17**
Spring Semester		
CR 509	Symphonic Choir	1
ME 111	Music Education Lab	0
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
MH 433	Seminar in Music History	3
ME 563	Art of Teaching Music III	4
Theory Level II elective		3
Arts & Sciences elective		3
Free elective		3
	Semester Credit Hours	**19**
Year 4		
Fall Semester		
CR 509	Symphonic Choir	1
ME 111	Music Education Lab	0
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 564	Art of Teaching Music IV	4
Arts & Sciences elective		3
Free elective		3
Recital		
	Semester Credit Hours	**13**
Spring Semester		
ME 492	Student Teaching	12
ME 587	Music in Special Educ	1
	Semester Credit Hours	**13**
	Total Credit Hours for Graduation	**131**

1

VC 115 and VC 116 are required for voice primary students only. Organ and piano primary students may substitute four additional credits of free electives.

Courses and Descriptions

ME 111 Music Education Lab 0 Credits
Undergraduates must meet the weekly attendance and participation requirement for Music Education Lab during every semester of enrollment up to seven semester as an undergraduate Music Education major except for the student teaching semester. Grading is “P” (satisfactory) or “U” (unsatisfactory). As part of the Music Education Lab experience, students are required to complete 15 hours of professional development.

ME 161 Art of Teaching Music I 3 Credits
Art of Teaching Music I (ATM I) is a first in the sequence of Music Education courses designed to prepare the undergraduate Music Education major students for their student teaching experience and completion of their teaching licensure. There will be field observations of master teachers under the aegis of a music education faculty that will allow students not only to observe, but to have guided experience in assessing how teaching and learning are experienced in real classrooms. Partnerships between local expert teachers and music education faculty will allow students to complete field observations as well as guided experience in teaching and assessing students in real classrooms.

ME 187 Instrumental Music: Strings 1 Credits
This course is designed as an introduction to the pedagogy of string instruments. Emphasis is on learning through performance. Instruments are required. Various methods and materials available for use in public schools, developmental ranges, transposition, scoring, and idiomatic writing are investigated. When available, instruments may be rented from the college. Rental fee, per instrument: $25.

ME 188 Instrumental Music: Winds/Percussion 2 Credits
This course is designed as an introduction to the pedagogy of brass, woodwind, and percussion instruments. Emphasis is on learning through performance. Instruments are required. Various methods and materials available for use in public schools, developmental ranges, transposition, scoring and idiomatic writing are investigated. When available, instruments may be rented from the college. Students must provide their own drum pads and sticks. Rental fee, per instrument: $60.

ME 471 Music and Hip Hop Culture 3 Credits
Hip Hop in the United States is arguably the most lucrative, popular, and culturally challenging contemporary musical force. The narratives of Hip Hop go beyond the boundaries of race and class as well as those of music, poetry and dance. As such, Hip Hop is a phenomenon that presents problems as well as great possibilities. This course explores them from the standpoint of educational sociology, looking at their implications for music in schools as well as in daily life.

ME 472 Teaching/Learning:Urban Schools 3 Credits
This course offers students theoretical and practical insight into teaching in urban schools. The class will present an analysis and practical implications for what is needed in order to successfully engage in teaching in urban centers in the United States. Students will balance field experiences with critical analyses of issues such as multicultural teaching, race, class, and economics in urban schools as well as their curricular and pedagogical implications.
Prerequisite(s): ME 581, ME 582.

ME 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

ME 491 Kodaly Music Reading 2 Credits

ME 492 Student Teaching 12 Credits
A full semester internship in directed full-time teaching supervised by department members and carried out in schools with approved cooperating teachers. In addition to the field experience, students attend a weekly seminar on campus to discuss current issues in music education as they relate to individual teaching situations. Students discuss classroom management strategies, action research, authentic instruction, critical thinking, feeling and action as well as teaching to focused questions, concepts and objectives. Throughout student teaching, students maintain a digital portfolio that demonstrates how they meet the New Jersey State and INTASC teaching standards. At the conclusion of the semester, students attend a portfolio review with members of the Music Education faculty to assess the success of the teaching experience. Students must provide their own transportation to student teaching site. Student Teaching fee: $245. Fees for the Praxis Examination and Teacher Certification are additional. Additional information regarding student teaching may be found in the department's Student Teaching Handbook at www.rider.edu/musiced.
Prerequisite(s): Minimum grade of B- in ME 564; Classification as a full senior; Satisfactory completion of music education courses numbered ME 161, ME 262, ME 563, ME 564, ME 187, ME 188, and either PSY 230 Child Developmental or PSY 231 Youth and Adolescent Development; Satisfactory completion of TH 241; For voice primary students, satisfaction of all requirements of PI 204; A minimum 3.0 cumulative GPA; Demonstrated aptitude, motivation and potential for success in teaching, as evidenced by the successful completion of portfolio reviews; Departmental approval; Students in the Master of Music Education (MME) degree program must take the following courses as prerequisites to student teaching; ME 563, ME 564, ME 725.

ME 499 Special Topics Music Education 2 Credits
The content of this course and the number of credits will vary with the special interests and qualifications of the professor teaching it.

Music Production

Program Overview

The B.A. in Music Production provides students with the skills necessary to make music at every step of the process. Students will take courses that help them germinate ideas for songs, flesh them out in arrangements, work fluidly in digital software, generate their own unique sounds through digital synthesis, and apply mixing techniques that make their songs ready to be shared with the world.

The Music Production B.A. grounds all of this work in an understanding of popular music theory and an exploration of the social and political histories of popular music, fostering well-rounded, deeply knowledgeable musicians. Music Production students are also encouraged to take courses in departments across the university that cover skills in radio, podcasting, and multimedia, as well as music publishing and other aspects of the music industry. The degree culminates in a capstone project or internship where the student applies all that they've learned in a self-directed study or a work environment in their future field.

Degree Offered

- B.A. in Music Production
- Minor in Music Production

Contact

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Program Website: Music Production (http://www.rider.edu/academics/colleges-schools/westminster-college-of-the-arts/school-of-fine-performing-arts/undergraduate-programs/popular-music-culture/)

Associated Department: Media Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/)

Related Programs:

- Arts and Entertainment Industries Management (p. 39)
- Music Studies (p. 423)

Music Production Major Program Requirements

(120 credits)

Code	Title	Credits
REQUIRED COURSES		**38**
Complete all of the following courses:		
MUS 100	Popular Music Lab (Students must register each semester)	
MUS 113	Popular Music Theory I	
MUS 113L	Popular Music Theory Lab I	

MUS 114	Popular Music Theory II	
MUS 114L	Popular Music Theory Lab II	
MUS 116	Digital DJing	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 213	Digital Composition of Popular Music	
MUS 220	Songwriting	
MUS 221	Popular Music Arranging	
MUS 308	World Music	
MUS 313	Digital Synthesis	
MUS 316	Digital Mixing and Mastering	
MUS 491	Internship in Music	
or MUS 498	Popular Music Culture Capstone	
ELECTIVE CREDITS:		**16**
Complete 16 total credits in any combination from the following categories:		
History Electives:		
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 214	Writing about Music	
MUS 215	Music & Technology in a Mobile Society	
MUS 218	Postmodernism & Popular Culture	
MUS 304	Music of the Beatles	
MUS 307	The Music of Radiohead	
MUS 309	Film Music	
MUS 310	The Film Music of Stanley Kubrick	
MUS 311	Unpacking Bruce Springsteen	
MUS 315	Black Music in America	
MUS 495	Selected Topics in Music	
Applied Electives:		
MUS 127	Pop, Rock & Hip-Hop Ensemble	
MUS 129	Contemporary Vocal Ensemble	
MUS 131	Beginning Piano I	
MUS 132	Beginning Piano II	
MUS 133	Class Voice I	
MUS 134	Class Voice II	
MUS 135	Class Guitar I	
MUS 136	Class Guitar II	
MUS 493	Selected Topics in Music Perf	
Private Lessons (fee applies)		
Non-music Electives		
AAD 306	Music Business	
AAD 307	Touring and Production Management	
AAD 318	Music Publishing	
AMS 309	Hip Hop and American Culture	
AMS 338	Social Impact of Rock and Roll	
COM 131	Fundamentals of Video Production	
COM 234	Audio Production	
COM 337	Music Production for Mass Media	
GAM 330	Soundtracks and Foley	
Total Credits		**54**

Music Production Minor Requirements

(18 credits)

Code	Title	Credits
Required Courses		**12**
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 213	Digital Composition of Popular Music	
MUS 313	Digital Synthesis	
Electives		**6**
Select at least one of the following:		
MUS 113 & 113L	Popular Music Theory I and Popular Music Theory Lab I	
MUS 114 & 114L	Popular Music Theory II and Popular Music Theory Lab II	
MUS 220	Songwriting	
MUS 221	Popular Music Arranging	
MUS 316	Digital Mixing and Mastering	
Select no more than one of the following:		
MUS 304	Music of the Beatles	
MUS 307	The Music of Radiohead	
MUS 308	World Music	
MUS 311	Unpacking Bruce Springsteen	
Total Credits		**18**

Music Production Academic Plan

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
MUS 100	Popular Music Lab	0
MUS 113 & 113L	Popular Music Theory I and Popular Music Theory Lab I	4
MUS 205	History of Pop and Rock Part I	3
MUS 213	Digital Composition of Popular Music	3
CMP 120	Seminar in Writing and Rhetoric	3
Minor/Free Elective		3
	Semester Credit Hours	**16**
Spring Semester		
MUS 100	Popular Music Lab	0
MUS 114 & 114L	Popular Music Theory II and Popular Music Theory Lab II	4
MUS 206	History of Pop and Rock Part 2	3
MUS 313	Digital Synthesis	3
CMP 125	Seminar in Writing and Research	3
Minor/Free Elective		3
	Semester Credit Hours	**16**

Year 2

Fall Semester

MUS 100	Popular Music Lab	0
MUS 220	Songwriting	3
Music Production Elective		3
General Education Credits		6
Minor/Free Elective		3
	Semester Credit Hours	**15**

Spring Semester

MUS 100	Popular Music Lab	0
MUS 221	Popular Music Arranging	3
Music Production Elective		3
General Education Credits		3
Minor/Free Electives		6
	Semester Credit Hours	**15**

Year 3

Fall Semester

MUS 100	Popular Music Lab	0
MUS 308	World Music	3
MUS 316	Digital Mixing and Mastering	3
Music Production Elective		2
General Education Credits		3
Minor/Free Electives		6
	Semester Credit Hours	**17**

Spring Semester

MUS 100	Popular Music Lab	0
MUS 116	Digital DJing	3
Music Production Elective		2
General Education Credits		6
Minor/Free Elective		3
	Semester Credit Hours	**14**

Year 4

Fall Semester

MUS 100	Popular Music Lab	0
Music Production Elective		3
General Education Credits		6
Minor/Free Electives		6
	Semester Credit Hours	**15**

Spring Semester

MUS 100	Popular Music Lab	0
MUS 491 or MUS 498	Internship in Music or Popular Music Culture Capstone	3
Music Production Elective		3
General Education Credits		3
Minor/Free Elective		3
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

CMP 120 Seminar in Writing and Rhetoric 3 Credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CMP 120 or BHP 100.

MUS 106 Survey of Music History II 3 Credits
A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 113 Popular Music Theory I 3 Credits
Popular Music Theory I covers basic elements of music, including the reading of music notation in traditional formats as well as in audio wave form and in the visualization of standard Digital Audio Workstations. Practice in scales and chords; ear-training in rhythm, pitch, and timbre. Techniques may be applied to the student's own instrument (e.g., guitar, piano, voice)
Corequisite(s): MUS 113L.

MUS 113L Popular Music Theory Lab I 1 Credits
Taken in conjunction with Popular Music Theory I, the lab applies theoretical concepts in a performance context. Applied aural training and improvisation skills on primary and secondary instruments.
Corequisite(s): MUS 113.

MUS 114 Popular Music Theory II 3 Credits
A continuation of Popular Music Theory I, progressing to intermediate elements of music, including the reading of music notation in traditional formats as well as in audio wave form and in the visualization of standard Digital Audio Workstations. Practice in scales and chords, ear-training in rhythm, pitch, and timbre. Techniques may be applied to the student's own instrument (e.g., guitar, piano, voice).

MUS 114L Popular Music Theory Lab II 1 Credits
Taken in conjunction with Popular Music Theory II, the lab applies theoretical concepts in a performance context. Applied aural training and improvisation skills on primary and secondary instruments.

MUS 127 Pop, Rock & Hip-Hop Ensemble 1 Credits
This is a dynamic group rehearsal, performance and discussion of contemporary popular music of any genre including but not limited to: the blues, soul, country, gospel, pop, prog. rock, reggae, disco, punk, grunge, new wave, dub, rap and hip hop.

MUS 129 Contemporary Vocal Ensemble 1 Credits
The objective of the contemporary vocal ensemble course is to allow students to experience the aesthetics of popular music through the study, interpretation and performance of the music. Students will develop their ensemble skills, independent part singing, as they experience a wide range of popular music genres (jazz, pop, R&B, world, etc.) Students must pass an audition to participate in this course.

MUS 131 Beginning Piano I 2 Credits
Class approach to learning to play the piano. How to read music, basic piano technique, and appropriate piano pieces and songs are studied.

MUS 132 Beginning Piano II 2 Credits
Continuation of MUS 131. Emphasis on further development of technique and the ability to interpret piano music from a variety of styles.
Prerequisite(s): MUS 131 or equivalent.

MUS 133 Class Voice I 2 Credits
Class approach to learning pop vocals. How to read music, basic vocal production technique and appropriate vocal pieces and songs are studied, especially in popular genres.

MUS 134 Class Voice II 2 Credits
Continuation of class approach to learning pop vocals started in Class Voice I. Intermediate vocal technique for popular music
Prerequisite(s): MUS 133 or placement exam.

MUS 135 Class Guitar I 2 Credits
Class approach to learning to play the guitar. How to read tablature, basic guitar technique, and appropriate guitar pieces and songs are studied, especially in popular genres. Students must provide their own guitars; if electric, they should provide their own amps, too.

MUS 136 Class Guitar II 2 Credits
Continuation of class approach to learning to play the guitar started in Class Guitar I. Intermediate guitar technique for popular music. Students must provide their own guitars; if electric, they should provide their own amps, too.
Prerequisite(s): MUS 135 or placement exam.

MUS 204 Jazz History 3 Credits
Survey from 19th C. roots to 21st C. styles. Development of listening skills and overview of musical skills used by jazz performers. Exploration of the relationship between jazz and poetry, race relations, and the reputation of jazz in popular culture.
Prerequisite(s): CMP 120 or CMP 125.

MUS 205 History of Pop and Rock Part I 3 Credits
This course charts the history of popular music from its origins until the 1960s. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music from its roots in the blues, early jazz, ragtime and military band marches to the music of Elvis, Chuck Berry, Little Richard, Buddy Holly, the Rolling Stones and the Beatles. We look at the recording industry and the advent of he gramophone record and the important role of radio and television in expanding the reach of popular music directly into the home, creating a vibrant soundtrack for peoples lives.

MUS 206 History of Pop and Rock Part 2 3 Credits
Description: This course charts the history of popular music from the 1960s to todays. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music through Acid Rock, Progressive (Prog) Rock, Hard Rock, Singer-Songwriters, Disco, Reggae, Funk, Punk, Heavy Metal, New Wave, Grunge, Electronica and Rap & Hip-Hop. We look at the development of analog and digital media and how new forms of delivery of product shapes the business model of the industry and beyond.

MUS 213 Digital Composition of Popular Music 3 Credits
This course is an introduction to making music in a Digital Audio Workstation (DAW). Students learn software techniques by composing in multiple genre styles.

MUS 214 Writing about Music 3 Credits
This course instructs students in the art of writing about music, from small-form criticism to large scale scholarship, focusing especially on the ability to translate what one hears into engaging prose.
Prerequisite(s): CMP 120 and 125, MUS 110, 110L, and MUS 213.

MUS 220 Songwriting 3 Credits
The Songwriting course is an introduction to songwriting in popular music styles. Students will learn to compose music by themselves and collaboratively. This course will develop comprehensive musicianship and compositional techniques, as well as further software skill development.
Prerequisite(s): MUS 113.

MUS 221 Popular Music Arranging 3 Credits
Pop Music Arranging explores the fundamental arranging techniques for popular music styles. Students will learn to arrange popular music for the standard instrumentation found in a pop/rock ensemble (bass guitar, drumset, rhythm guitar, and keyboard) and other ensemble instrumentations, as well. This course will develop comprehensive musicianship and fundamental arranging techniques, as well as develop skills as they relate to composition software platforms.
Prerequisite(s): MUS 113.

MUS 304 Music of the Beatles 3 Credits
This course is a very in-depth analysis of the music and personalities of the Beatles. The student will gain in depth insight to the Beatles songs and albums as the course proceeds through the music chronologically. This will be contextualized historically and sociologically where required.

MUS 307 The Music of Radiohead 3 Credits
This course investigates the music, lyrics, art and marketing strategies of the British so called "alternative" band, Radiohead, moving song by song through their demos, videos and albums.

MUS 308 World Music 3 Credits
To understand world music as a means of appreciating and respecting our common inheritance as humans. To better understand in what ways music is a 'language' and how this functions within 'community' including aspect of ritual, celebration, religion and spirituality. The student will be expected to be able to discern between various genres of world music understanding the wider cultural context including, but not limited to, popular music within that same culture.

MUS 311 Unpacking Bruce Springsteen 3 Credits
This course will survey the music of Bruce Springsteen. It will 'unpack' Springsteen's musical development not only across his official career (i.e. from signing with Columbia for his first album 'Greetings from Asbury Park, New Jersey' in 1973 to the present) but also from his childhood through his youth in Freehold, NJ. By closely studying Springsteen's life, music and lyrics as well as the themes of each album the student will become an expert in understanding how The Boss was able to universalize the Jersey Shore as well as his personal concerns into vital musical messages of great value and import today. This will also involve looking at music as varied as The British Invasion (i.e. The Beatles, The Animals & the Rolling Stones et al); Motown; Country; Soul; Folk; Rock and the American Songbook.

MUS 313 Digital Synthesis 3 Credits
This course continues with the software composition techniques begun in MUS 213. Students will create their own sounds through digital synthesis and incorporate those sounds into music composed in a variety of genre styles.
Prerequisite(s): MUS 213.

MUS 316 Digital Mixing and Mastering 3 Credits
Digital Mixing and Mastering is a practical skills class focusing on post-production skills in software interfaces. Students will learn how to work with multiple editing softwares and plug-in tools to achieve balanced, lively, professional mixes.
Prerequisite(s): MUS 216.

MUS 319 Pop Music Arranging II 3 Credits
The Pop Music Arranging II course is the terminal course of a two-semester sequence whose goal is to explore the advanced arranging techniques for popular music styles. Students will learn to arrange popular music for the standard instrumentation found in a pop/rock ensemble (bass guitar, drumset, rhythm guitar, and keyboard). This course will develop comprehensive musicianship and advanced arranging techniques, as well as develop advanced skills as they relate to the utilization of the software platforms Logic Pro X and Finale notation.
Prerequisite(s): MUS 219.

MUS 320 Pop Songwriting II 3 Credits
The Pop Songwriting II course is a continuation of the songwriting course sequence whose goal is to explore advanced compositional techniques for popular music styles. Students will learn to compose music by themselves and collaboratively. This course will develop comprehensive musicianship and advanced compositional techniques, as well as develop advanced skills as they relate to the software platforms Logic Pro X and Finale notation.
Prerequisite(s): MUS 220.

MUS 491 Internship in Music 1-4 Credits
Provides junior or senior music majors with the opportunity to gain practical experience working within a professional music environment. Students must be sponsored by a music professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

MUS 498 Popular Music Culture Capstone 3 Credits
The capstone is an independent, student-led project resulting in a material product (recording/performance/event/presentation) that demonstrates a student's interests and skills in the area of popular music.

Music Studies

Program Overview

The music studies minor provides students with insights that can help connect them to professional careers in music. Students will work closely with renowned faculty and recognized professionals in a variety of areas of study.

Degree Offered

- Minor in Music Studies

Contact

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Program website: Music Studies (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/popular-music-studies-minor/)

Associated Department: Performing Arts

Related Programs

- Arts and Entertainment Industries Management (p. 39)

Music Studies Minor

(18 credits)

Code	Title	Credits
Music		
MUS 105	Survey of Music History I	3
MUS 106	Survey of Music History II	3
Electives		
Select four of the following; at least two must be at the 300 or 400 level:		12
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 217	Black Music in America	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemp Music Experience	
MUS 307	The Music of Radiohead	
MUS 309	Film Music	
MUS 495	Selected Topics in Music	
Total Credits		**18**

Course Block

MUS 105 Survey of Music History I 3 Credits

A chronological survey of Western music from the Medieval through the Baroque periods stressing the origin and evolution of musical forms, musical styles, and the important composers before 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 106 Survey of Music History II 3 Credits

A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 204 Jazz History 3 Credits

Survey from 19th C. roots to 21st C. styles. Development of listening skills and overview of musical skills used by jazz performers. Exploration of the relationship between jazz and poetry, race relations, and the reputation of jazz in popular culture.

Prerequisite(s): CMP 120 or CMP 125.

MUS 205 History of Pop and Rock Part I 3 Credits

This course charts the history of popular music from its origins until the 1960s. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music from its roots in the blues, early jazz, ragtime and military band marches to the music of Elvis, Chuck Berry, Little Richard, Buddy Holly, the Rolling Stones and the Beatles. We look at the recording industry and the advent of the gramophone record and the important role of radio and television in expanding the reach of popular music directly into the home, creating a vibrant soundtrack for peoples lives.

MUS 206 History of Pop and Rock Part 2 3 Credits

Description: This course charts the history of popular music from the 1960s to today. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music through Acid Rock, Progressive (Prog) Rock, Hard Rock, Singer-Songwriters, Disco, Reggae, Funk, Punk, Heavy Metal, New Wave, Grunge, Electronica and Rap & Hip-Hop. We look at the development of analog and digital media and how new forms of delivery of product shapes the business model of the industry and beyond.

MUS 208 Music of the Theater 3 Credits

A study of music drama both historical and contemporary covering European opera of the Baroque, classical and romantic periods, and the American musical theatre, especially the contemporary Broadway musical.

MUS 209 Great Composers 3 Credits

A study of selected major composers life, works, and historical significance with an emphasis on the listening experience. Bach, Mozart, Beethoven, Tchaikovsky, Stravinsky, or others.

MUS 217 Black Music in America 3 Credits

This course covers the history of music made by and/or about African Americans, from minstrel shows to hip-hop and everything in between.

MUS 218 Postmodernism & Popular Culture 3 Credits

This course considers music in light of the ideological trends of postmodernism in order to better understand contemporary music in its cultural context.

MUS 300 Beethoven and the Romantic Age 3 Credits

A study of the Romantic period with particular emphasis on Beethoven. The classical heritage, the transformation of that heritage into romantic terms, the prominent influence of Beethoven on 19th century musical style.

MUS 304 Music of the Beatles 3 Credits

This course is an in-depth analysis of the music and personalities of the Beatles. The student will gain deep insight to the Beatles songs and albums as the course proceeds through the music chronologically. This will be contextualized historically and sociologically where required.

MUS 306 Contemp Music Experience 3 Credits

A survey of European and American musical styles of the late 19th and 20th centuries. Topics include postromantic music, neoclassicism, serialism, electronic music, and the current avant garde.

MUS 307 The Music of Radiohead 3 Credits

This course investigates the music, lyrics, art and marketing strategies of the British so called "alternative" band, Radiohead, moving song by song through their demos, videos and albums.

MUS 309 Film Music 3 Credits

A study of music in feature film, documentary film, and television. A chronological survey of film music from silent to contemporary film, animated shorts, and television, with emphasis on listening to recorded performance of representative works.

MUS 495 Selected Topics in Music 3 Credits

Studies specialized aspects of the literature, history, or theory of music, to supplement the established curriculum. Emphasis on creative investigative work and individual experiences in music.

Musical Theatre (B.F.A)

Program Overview

The musical theatre major at Rider prepares students for a professional career in musical theatre with veteran faculty and regular interface with top industry professionals. This program is provided in a nurturing liberal arts environment just one hour from New York City at Rider's Lawrenceville campus.

The musical theatre program offers development of well-rounded, competitive musical theatre professionals. Rider's professional musical theatre faculty members are committed to developing students' talents and technique in all areas — vocal, dance and acting — preparing them to succeed in the highly competitive world of professional musical theatre.

Rider musical theatre majors enjoy affordable, student-sponsored Broadway performance trips, special student discounts, class-related Broadway field-trips and backstage tours or just a quick visit via the nearby train.

Degree Offered

- B.F.A. in Musical Theatre

Contact

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Fine Arts, 140
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tdellinger@rider.edu

Program Website: Musical Theatre (http://www.rider.edu/academics/colleges-schools/wca/sfpa/undergraduate/musical-theater/)

Associated Department: Performing Arts

Related Programs:

- Arts and Entertainment Industries Management (p. 39)
- Dance (p. 144)

Musical Theatre (B.F.A.) Program Requirements

(81 credits)

General Requirements

For all majors offered in the Theatre & Dance Department, students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

B.F.A.—Musical Theatre majors must earn a minimum grade of "B-" each semester in the primary applied music field in order to make satisfactory progress. If a grade of "C+" or lower is earned, the student must repeat the semester.

Students must meet attendance and performance requirements in studio performance classes and Musical Theatre Lab.

Applied Music – Voice Primary Study

Students in the B.F.A.-Musical Theatre degree must register for applied music in each semester of study, to a maximum of eight semesters. Six terms are taken under MUS 168A (2-credit, 1-hour lesson) and two semesters are taken under MUS 168B (1-credit, half-hour lesson). The section number corresponds to the instructor with whom the student will study.

Musical Theatre Lab

All majors are required to attend a weekly musical theatre lab during every semester of enrollment. The lab supplements curricular instruction with presentations by guest artists, managers, agents, and casting directors. This interface provides each student with an opportunity for interaction with some of the most important professionals in the musical theatre business.

Performing Opportunities at Rider University

The musical theatre program offers three fully staged productions led by faculty and experienced and notable directors, conductors and choreographers from the professional community. The Department of Theatre, Dance and Fine Arts also offers a well-established theatre program that provides additional performing opportunities in three major productions. Majors also are encouraged to participate in student-directed and produced events, presented each year on both campuses. The Department of Piano and Voice offers two Opera Theater productions each year. All productions are open by audition to all Rider University students except first-semester freshmen. Consult the Musical Theatre Handbook for the Audition Policy.

Code	Title	Credits
Applied Music		
MUS 168A	Applied Voice (2-credits, repeated 6 times)	12
MUS 168B	Applied Voice (1-credits, repeated 2 times)	2
MTR 132	Group Piano	1
Theory, History, Technology		
MTR 120	Hist of American Music Theater	3
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
MTR 131	Music Theory for MT	3
MTR 133	Sight Singing for MT	3
THE 115	Stagecraft	3
THE 190	Production I (must be taken 3 times)	3
Professional Studies: DANCE		
Select three of the following:		3
MTR 109	Ballet I	
MTR 112	Ballet II	
MTR 114	Ballet IV	
MTR 113	Ballet III	
MTR 211	Ballet V	
MTR 212	Ballet VI	
MTR 313	Ballet VII	
MTR 314	Ballet VIII	
Select two of the following:		2
MTR 209	Tap Dance I	
MTR 210	Tap Dance II	
MTR 307	Tap III	
MTR 308	Tap IV	
Select two of the following:		2
MTR 309	Jazz I	
MTR 315	Jazz II	
MTR 316	Jazz III	
MTR 319	Jazz V	
MTR 320	Jazz VI	
Select two of the following:		2
MTR 415	Musical Theatre Dance	
MTR 416	Hip Hop and Commerical Dance	
Professional Studies: ACTING		
THE 107	Acting I: Intro to Acting	3
THE 110	Acting II: Scene Study	3
THE 310	Acting III	3
THE 311	Acting IV	3
MTR 317	MT Auditions:Preparation/Tech	3
MTR 335	Speech for the Actor	3
Professional Studies: MUSICAL THEATRE		
MTR 105	Musical Theatre Practicum (1-credit, complete 2 times)	2
MTR 111	Musical Theatre Lab (8 semesters) [1]	0
MTR 215	MT Performance: Song as Text	3
MTR 218	Musical Theatre Scene Study I	3
MTR 219	Musical Theatre Scene Study II	3
MTR 255	Musical Theatre Repertoire I	3
MTR 256	Musical Theater Repertoire II	3
MTR 493	Music Theater Production	1
or THE 127	Theatre Production	
Total Credits		**81**

1

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum lab requirements for each of their majors.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric [1]	3
MTR 105	Musical Theatre Practicum	1
MTR 109 or MTR 112 or MTR 113 or MTR 211	Beginning Ballet I or Advanced Ballet I or Beginning Ballet II or Ballet III	1
MTR 111	Musical Theatre Lab	0
MTR 131	Music Theory for MT	3
MUS 168A	Applied Voice	2
THE 107	Acting I: Intro to Acting	3
THE 190	Production I (technical) [2]	1
General Education Credits		3
	Semester Credit Hours	**17**
Spring Semester		
CMP 125	Seminar in Writing and Research [1]	3
MTR 105	Musical Theatre Practicum	1
MTR 111	Musical Theatre Lab	0
MTR 112 or MTR 113 or MTR 114 or MTR 212	Advanced Ballet I or Beginning Ballet II or Advanced Ballet II or Ballet IV	1
MTR 133	Sight Singing for MT	3
MTR 309 or MTR 315 or MTR 318	Beginning Jazz Dance I or Advanced Jazz Dance I or Advanced Jazz Dance II	1
MUS 168A	Applied Voice	2
THE 110	Acting II: Scene Study	3
THE 115	Stagecraft	3
1st Year Showcase		0
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
HIS 150	World History to 1500 [1]	3
MTR 111	Musical Theatre Lab	0
MTR 132	Group Piano	1
MTR 210 or MTR 307	Tap Dance II or Tap III	1
MTR 215	MT Performance: Song as Text	3
MTR 315 or MTR 318 or MTR 319	Advanced Jazz Dance I or Advanced Jazz Dance II or Jazz Dance III	1
MUS 168A	Applied Voice	2
THE 105	Theatre History to 1700	3
THE 310	Acting III	3
2nd Year Showcase		0
	Semester Credit Hours	**17**
Spring Semester		
HIS 151	World History Since 1500 [1]	3
MTR 111	Musical Theatre Lab	0
MTR 210 or MTR 307 or MTR 308	Tap Dance II or Tap III or Tap IV	1
MTR 218	Musical Theatre Scene Study I	3
MUS 168A	Applied Voice	2
THE 106	Theater History Since 1700	3
THE 190	Production I (technical) [2]	1
THE 310	Acting III	3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MTR 111	Musical Theatre Lab	0
MTR 112 or MTR 113 or MTR 114 or MTR 212 or MTR 313	Advanced Ballet I or Beginning Ballet II or Advanced Ballet II or Ballet IV or Ballet V	1
MTR 219	Musical Theatre Scene Study II	3
MTR 255	Musical Theatre Repertoire I	3
MTR 335	Speech for the Actor	3
MUS 168A	Applied Voice	2
General Education Credits		3
	Semester Credit Hours	**15**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 120	Hist of American Music Theater	3
MTR 256	Musical Theater Repertoire II	3
MUS 168A	Applied Voice	2
THE 311	Acting IV	3
General Education Credits		3
Elective Course Credits		1
	Semester Credit Hours	**15**

Year 4

Fall Semester		
MTR 111	Musical Theatre Lab	0
MTR 415	Musical Theatre Dance I	1
General Education Credits		6
MUS 168B	Applied Voice	1
Elective Course Credits		6
	Semester Credit Hours	**14**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 317	MT Auditions:Preparation/Tech	3
MTR 416	Musical Theatre Dance II	1
MTR 493	Music Theater Production	1
MUS 168B	Applied Voice	1
THE 190	Production I [2]	1
General Education Credits		3
	Semester Credit Hours	**10**
	Total Credit Hours for Graduation	**121**

1

This course may be taken in any semester. CMP 120 is a prerequisite for CMP 125 and must be completed first. His 150 is a prerequisite for HIS 151 and must be completed first.

2

2 credits for THE 190 may be completed in any semester.

MTR 105 Musical Theatre Practicum 1 Credits
This course explores the literature of musical theatre vocal ensembles. It emphasizes examining a wide range of styles. This is a studio/academic class, not a performance ensemble.

MTR 109 Beginning Ballet I 1 Credits
This course introduces the basic elements of ballet technique. Technique is based on the five positions of the legs and feet, coupled with appropriate arm positions. The class consists of a basic ballet barre warm-up that includes stretching and developing strength and turn-out used in dance positions and combinations. Instruction includes jumping, turning, and connecting steps with movement. Ballet terminology is addressed.

MTR 111 Musical Theatre Lab 0 Credits

MTR 112 Advanced Ballet I 1 Credits
Continuation of MTR 109, building upon techniques learned in that course.

MTR 113 Beginning Ballet II 1 Credits
Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 114 Advanced Ballet II 1 Credits
Continuation of MTR 113. Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 120 Hist of American Music Theater 3 Credits
The history of the American Musical from the first American production in 1750 of Gay's The Beggar's Opera up to the present will be traced. Emphasis will be placed upon those common elements which are solely intrinsic to the American stage. Developments and imported ideas (e.g., The British Invasion) will be highlighted.

MTR 131 Music Theory for MT 3 Credits
Teaches students to understand musical form, structure, melody, rhythm and harmony by applying these concepts to musical theatre literature. Includes full analysis of musical theatre songs. Required in the first year.

MTR 132 Group Piano 1 Credits
Offers the musical theatre student appropriate keyboard technique to play any vocal part and to play a rudimentary accompaniment. Required of all second-year students.
Prerequisite(s): MTR 131.

MTR 133 Sight Singing for MT 3 Credits
Intensive class in reading music, designed for musical theatre students. Traditional solfeggio techniques used with musical theatre texts whenever possible. Required of first-year students.
Prerequisite(s): MTR 131.

MTR 209 Tap Dance I 1 Credits
Introduction to the basic elements of tap dancing. Tap technique is geared to enhance rhythm and motor skills, basic elements that will be used to connect several steps and movements into combinations. Other variations such as "soft shoe" or "clogging" are included.

MTR 210 Tap Dance II 1 Credits
Continuation of MTR 209. Combinations most often used in music theater productions are emphasized.
Prerequisite(s): MTR 209.

MTR 211 Ballet III 1 Credits
Intermediate ballet, expending upon Ballet II and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 114.

MTR 212 Ballet IV 1 Credits
Continuation of MTR 211. Intermediate ballet, expanding upon Ballet III and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 211.

MTR 215 MT Performance: Song as Text 3 Credits
In this course the student will learn how to develop a performance of musical text by making doable, actable choices and applying those choices to musical monologues – solo songs.
Prerequisite(s): THE 110.

MTR 216 Acting for Music Theater I 3 Credits
This professional skills course, intended for music theater majors, builds upon the student's previous acting training. Through various exercises and activities (both individual and group), the student will begin to develop a clear method for preparation that addresses first their own instrument, and then (through various methods of analysis) the character and the play. Students will begin to utilize and apply the studied techniques and exercises to simple monologues and a scene. Behavioral truth will precede the more sophisticated studies of emotional truth.

MTR 217 Acting for Music Theater Major II 3 Credits
Continuation of MTR 216. Methods for preparation are expanded as students learn and experience techniques for exploring and developing characters. This semester will focus on the application of the skills and acting techniques studied in the first semester to the needs of dramatic and sung material. Students are expected to synthesize content and skills acquired in the Speech for the Actor, Body Awareness and Movement classes.
Prerequisite(s): MTR 216.

MTR 218 Musical Theatre Scene Study I 3 Credits
Scene study class exploring the literature of the musical theatre – emphasis placed on two- and three-character scenes. Required of all second-year students.
Prerequisite(s): MTR 215.

MTR 219 Musical Theatre Scene Study II 3 Credits
Further exploration of scenes in the musical theatre literature – emphasis on more complex scenes. Required of all third-year students.
Prerequisite(s): MTR 218.

MTR 251 Styles and Genres I 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Standard, Classical, and Traditional periods of musical theater. Composers to be studied will include Rodgers and Hammerstein, Lerner and Loewe, Kern, Berlin, Gershwin, Porter, Arlen, Blitstein and Weill.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 252 Styles and Genres II 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary (Non-Pop/Rock) period of music theater. Composers to be studied will include Sondheim, Styne, Kander and Ebb, Guettel, Matby and Shire, and Bernstein.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 253 Styles and Genres III 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary, Pop/Rock period of music theater. Composers to be studied will include Webber, Schwartz, Fenn, Flaherty, Menkin, Brown, LaChiusa, and Lippa.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 255 Musical Theatre Repertoire I 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers through the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106 with a minimum grade of D and THE 311 with a minimum grade of D.

MTR 256 Musical Theater Repertoire II 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers since the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106, THE 107.

MTR 307 Tap III 1 Credits
This course is designed for the moderately advanced tap dancer. Course to be taken in the fall.
Prerequisite(s): MTR 210.

MTR 308 Tap IV 1 Credits
The course will allow the more advanced student to complete the work begun in Tap III.
Prerequisite(s): MTR 307.

MTR 309 Beginning Jazz Dance I 1 Credits
Based upon the ballet foundation, this course explores the expressive style of jazz dance, and basic Western theatrical dance forms and social dances used most often on the stage.
Prerequisite(s): MTR 109.

MTR 313 Ballet V 1 Credits
Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 212.

MTR 314 Ballet VI 1 Credits
Continuation of MTR 313. Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 313.

MTR 315 Advanced Jazz Dance I 1 Credits
Continuation of work begun in MTR 309.

MTR 316 Beginning Jazz Dance II 1 Credits
This course continues the work begun in MTR 309 and MTR 315.

MTR 317 MT Auditions:Preparation/Tech 3 Credits
This course, building upon skill-sets established in the Music Theatre singer-actor curriculum, will introduce and hone the required skill-sets for preparing to audition in Music Theatre. Genres and styles of music most often required for auditioning in the industry will be prepared and explored. An audition "book," based upon the demands of the industry, as well as the most suitable material for each student will be built. When appropriate, guests from the industry will be invited to present master classes and evaluations in a "mock audition" process.
Prerequisite(s): MTR 207, MTR 216, MTR 217, MTR 492.

MTR 318 Advanced Jazz Dance II 1 Credits
This course continues the work begun in MTR 309, MTR 315 and MTR 316.
Prerequisite(s): MTR 211.

MTR 319 Jazz Dance III 1 Credits
This course continues the work begun in MTR 318.
Prerequisite(s): MTR 318 and MTR 212.

MTR 320 Jazz Dance IV 1 Credits
This course continues the work begun in MTR 319.
Prerequisite(s): MTR 319 and MTR 212.

MTR 335 Speech for the Actor 3 Credits
This course introduces and develops speech techniques, specifically in the areas of relaxation, posture and alignment, respiration, phonation, support, registration, resonance, and articulation. Students learn to consistently produce a free, resonant, fully supported speaking voice. Exercises will increase flexibility and range of speaking and will foster heightened responsiveness to feeling. Regular practice in the delivery of both impromptu and prepared monologues is required. This course includes studies in Neutral American Speech.

MTR 402 Directing Music Theater/Opera 3 Credits
This elective course investigates how conceptual ideas and the process of script analysis are used in putting together a music theatre production for performance. Instruction includes staging ideas and elements needed for a complete production. Other theatrical aspects of choreography, properties, costumes, lighting, and set design are addressed. It is recommended that students complete MTR 496 before taking MTR 402.

MTR 411 Musical Theatre Ensemble 1 Credits

MTR 415 Musical Theatre Dance I 1 Credits
This is the first capstone course in the Musical Theatre dance sequence. Practical and historical study of Broadway dance styles; main focus on jazz idiom. Emphasis placed on performance quality, auditioning skills, self-taping, and "how to swing/dance captain".
Prerequisite(s): Completion of Ballet, Tap, and Jazz requirements; senior standing.

MTR 416 Musical Theatre Dance II 1 Credits
This is the second capstone course in the Musical Theatre dance sequence. Emphasis is placed on other dance styles used on stage, film, music videos, and television. Primary focus is on Hip Hop and Street Jazz.
Prerequisite(s): MTR 415 with a minimum grade of C.

MTR 480 Dance for Performing Artist 3 Credits
This course is a culmination of the dance elements and forms studied in ballet, tap, and jazz dance. Context areas include movement used most often in performance of music theater and movement fundamentals applicable to all aspects of presentation and principle to refine and articulate the performer's awareness and use of the body through singing and dance. Performance issues and movement as a basis for music and sound production are addressed.
Prerequisite(s): MTR 209, MTR 309.

MTR 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

MTR 491 Internship in Music Theater 1-12 Credits
Provides junior or senior musical theatre majors with the opportunity to gain practical experience working within a professional environment. Students must be sponsored by a musical theatre or theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

MTR 492 Singing Actor: Music Theater 3 Credits
This semester combines all dramatic and musical studies to create an authentic and believable character that is both emotionally truthful and musically expressive. Music is studied as "script" and dramatic choices are prepared in relationship to all elements present in the score.
Prerequisite(s): MTR 216 and MTR 217.

MTR 493 Music Theater Production 1 Credits
Preparation and performance of a solo or ensemble role in a fully staged music theatre production. Concurrent participation in stage crew activities is required.

MTR 495 Special Topics in Theater Dance 1 Credits
This class covers discrete movement styles, techniques, or forms for the advanced dancer such as the choreography and techniques of Bob Fosse, Jerome Robbins, Jack Cole, and other theatrical dance choreographers.
Prerequisite(s): MTR 319, MTR 212, and MTR 308.

MTR 496 Music Theater Workshop 3 Credits
This class, building upon the foundational studies associated with preparation and exploration (both dramatic and musical), focuses on performances. Students are taught methods for synthesizing all former training in acting, music, and movement to the needs of the character and the play/score. Each student fully prepares at least two complete roles from the music theater repertoire. The class culminates in a performance of scenes--the Junior Cabaret!
Prerequisite(s): MTR 216, MTR 217, MTR 492.

MTR 497 Musical Theatre Senior Showcase 1 Credits
This course is a senior level capstone experience for BFA Musical Theatre students, and acts as a bridge between life in the university and life as a professional musical theatre performer. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent. Only students who have successfully completed ALL prerequisite coursework may participate in the Senior Showcase. BA Theatre students with Musical Theatre Concentration may participate only if the prerequisites are met.
Prerequisite(s): MTR 415, MTR 207, MTR 216, MTR 217, MTR 492.

MTR 511 Music Theater Ensemble 1 Credits
The performance-based, auditioned music theater ensemble engages multiple singers/actors/dancers in performance, utilizing scenes from music theater literature as the primary material. Emphasis is placed upon group interaction and building an ensemble. This ensemble often is asked to perform for University sponsored events.

THE 103 The Authentic Instrument I: Introduction to Performance Skills 3 Credits
Through Alexander Technique and other methodologies, actors gain awareness of personal habits and begin to find their authentic, truth-telling voice and body—a dynamic and expressive instrument to serve them in any medium.

THE 104 The Authentic Instrument II: Developing the Imaginative Performer 3 Credits
Continuing from THE 103, actors explore psycho-physical techniques (e.g. Michael Chekhov, Viewpoints, Laban) to develop the actor's imagination. The class culminates in a public presentation using the tools that have been cultivated in Authentic Instrument I & II.
Prerequisite(s): THE 103.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

THE 110 Acting II: Scene Study 3 Credits
Basic acting techniques. Emphasis on the ingredients of any action: what am I doing, where, why, who am I, what is my attitude toward partner?
Prerequisite(s): THE 107.

THE 111 Theatre Lab 0 Credits
This class serves as a forum for students to cultivate practical professional skills. Through seminars, guest speakers and master classes, this lab will give the students necessary tools to enter the professional theater. Theater majors must meet the weekly attendance and participation requirements during every semester up to a total of six.

THE 115 Stagecraft 3 Credits
The theory and practice of construction and rigging of stage scenery is offered. Emphasis is on actual productions and road show set-ups. One lecture and two labs per week.

THE 116 Stagecraft Practicum 1 Credits
Work in the various shops and stages specializing in different areas such as carpentry, scenic painting, lighting and electrics, costumes and props, assisting main stage productions under the supervision of the design or technical staff.
Prerequisite(s): THE 115.

THE 118 Visual Imagination 3 Credits
Introduction to the visual world of theater design. Visual examples, physical exercises and handcraft of composition and style, with dramatic input and meaning. The course explores how to translate ideas in a dramatic text into a visual context.

THE 120 Theater Appreciation 3 Credits
By exploration of dramatic literature, conclusions are drawn as to man's relationship to his particular period, style, political, social, and psychological environment. Appreciation of the theatrical event is included. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 127 Theatre Production 1 Credits
Students rehearse and perform roles in a play produced by the department and directed by a member of its faculty.

THE 190 Production I 1 Credits
Students carry out a technical theatre crew position for one or more theatre, musical theatre or dance productions during the semester of course registration. May be repeated seven times, for a total of eight credits.

THE 199 The Arts in Contemporary Civil 3 Credits
An integrated study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama.

THE 201 Devised Theatre 3 Credits
Devised theatre is a process in which a whole creative team — from actors to technicians - develop a new work collaboratively. Students will create an original production inspired by a theme, topic, poem, or circumstance using multimedia, interviews, and other methods and build them through collaborative workshops and rehearsals.

THE 206 American Theatre History 3 Credits
The history of the American theater from the colonial period to the present, emphasizing dramatic scripts and theatrical conventions. Examines important playwrights, theorists, and practitioners representative of each period of American history, emphasizing the 19th and 20th centuries.

THE 207 Contemporary Theatre 3 Credits
The course will engage in exploring the art of contemporary dramatic literature and theatre practices. The scripts studied will reflect the complexity and diversity of contemporary society in various places around the world. Through an examination of a diverse body of scripts, the student will gain a better understanding of the possibilities inherent in the dramatic form, as well as the potential for the form to impact thought and action in society.

THE 215 Introduction to Theatrical Lighting and Sound 3 Credits
This course will introduce students to basic lighting and sound principles and how those integrate into a theatrical performance. The main focus of the class will be analysis and application of lighting and sound equipment commonly used in live performance and how that equipment functions and is installed. The class will also touch on the design process, script analysis, and lighting color theory. These objectives will be achieved through in-depth lectures, class discussions, and hands-on demonstration sessions.

THE 216 Introduction to Scenic Construction 3 Credits
This course will expose students to reading construction drawings, construction techniques, generating material lists, problem-solving, and material and time management as related to scenic construction. A shop participation requirement will allow students to apply course objectives within a real-time production schedule and construction environment.

THE 219 Stage Management 3 Credits
Provide necessary tools to get started as a production stage manager (PSM), including management, leadership, communication and organzational skills. Providing guidelines to prepare production paperwork. Overview of the relationship between the PSM and other production personnel.
Prerequisite(s): THE 115.

THE 220 Movement for the Actor I 3 Credits
This course is an introduction to movement training methodologies, and emphasizes physical awareness and expressivity as it relates to development of character.
Prerequisite(s): THE 110, For Acting majors or by permission of the instructor.

THE 221 Voice for the Actor 1 3 Credits
Focuses on the exploration of the basic principles of vocal production and cultivating the natural expressivity of the voice. Classwork is based upon the classic progression of voice exercises of Kristin Linklater.
Prerequisite(s): THE 107 with a minimum grade of C; restricted to BFA in Acting for Film, Television and Theatre.

THE 222 Voice for the Actor 2 3 Credits
Focuses on the exploration of the International Phonetic Alphabet (IPA) and the use of the IPA in learning dialects (including Standard Neutral American) for the stage.
Prerequisite(s): THE 221.

THE 224 Stage Make Up 3 Credits
Basic application of make up artistry and techniques for the stage. How it can help build a character, and how to apply to self and others.

THE 226 Drafting for the Stage 3 Credits
Covers essential drafting language for staged productions. Drafting of ground plans, sections, elevations, and renderings by hand and with computers.
Prerequisite(s): THE 118.

THE 227 Properties and Scenic Painting 3 Credits
Covers general aspects of scenic painting and props for the stage. Hands on exercises, needs and challenges of each area, how work is usually accomplished in the professional world. Explore different textures, materials and how to combine them.
Prerequisite(s): THE 115 or THE 118.

THE 228 Projection Design 3 Credits
In this course students will learn the basics of video editing software and its application to the performing arts. It will provide them with a general understanding of the needs for projection design, visual possibilities, explore the reasons to use video or projection in a production and its most effective applications within theatrical production limitations.
Prerequisite(s): THE 115, THE 118.

THE 229 Movement for the Actor II 3 Credits
This course is a continuation of study in movement training methodologies (Alexander Technique, Viewpoints, Laban). It will emphasize developing physical awareness and expressiveness as it relates to the development of character work. It will also continue the further cultivation of awareness of habitual psycho-physical patterns that inhibit students in their professional development.
Prerequisite(s): THE 220, THE 221.

THE 240 Script Analysis 3 Credits
This course provides students with a technique for analyzing a theatrical script in terms of its theatrical requirements and aesthetic qualities. Students will use critical research and develop the abilities to write and speak clearly about dramatic literature, the requirements of production, and the experience of performance.
Prerequisite(s): THE 107 with a minimum grade of C.

THE 250 Introduction to Costume Construction 3 Credits
This course will introduce students to basic costume construction methods and alteration skills used by professional costume shops and costume houses to create theatrical costumes. Students will complete several projects, covering hand and machine sewing, cutting, fabric identification, and will also learn how to use home and commercial patterns to cut out garments and simple patterning and draping techniques. Students will also get practical experience by assisting the costume designer and/or shop manager in supporting the needs of the current productions and will have experience taking measurements, fitting and the alteration of actual costumes.

THE 260 History of Style and Decor 3 Credits
This class is a survey of elements, furnishings, decorative motifs and trends in architecture, decor and fashion, starting with prehistory and moving through the early part of the 21st century. It is intended to be a visual survey of the major “periods” of both decor and fashion and is intended to help theatre artists to develop an understanding of visual history.

THE 290 Production II 1 Credits
Students carry out an intermediate level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. Intermediate level technical theatre positions are supervisory positions or assistants to department heads which include, but not limited to, assistant to a designer, Stage Manager, Wardrobe Supervisor, and Master Carpenter.
Prerequisite(s): SO standing; 3 credits of THE 190.

THE 300 Acting for the Camera 3 Credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera.
Prerequisite(s): THE 107.

THE 308 Modern Drama 3 Credits
Surveys American and European drama from 1920 to 1970. All plays are read in English translation. In these plays, theatrical artists address the great themes of this century. While doing so, they also expand the limits of theatrical expression.

THE 310 Acting III 3 Credits
Students will study in-depth techniques for exploring characterization. They will be introduced to the “magic if” and study techniques for placing themselves in the circumstances of the characters they are portraying. They will learn the interior and exterior analysis of characters using “Adler” and “Practical Aesthetics” techniques.
Prerequisite(s): THE 107, THE 110.

THE 311 Acting IV 3 Credits
Students will learn and practice performance techniques that explore a variety of theatrical styles, primarily focused on styles that have a heightened form and/or language.
Prerequisite(s): THE 310.

THE 312 The Arts Abroad 1-3 Credits
A short-term trip abroad that includes a critical study of local & regional arts and culture. Students are required to attend all performances, guided tours, and classes before and after the trip. A travel fee is required. Travel sites and artistic disciplines may vary year to year. May be taken more than once for credit.
Prerequisite(s): Permission of instructor.

THE 313 Voice for the Actor 3 3 Credits
Actors continue their study of vocal progression with Kristen Linklater and the speech work of Patsy Rodenberg, Edith Skinner and Louis Colaianni to develop physical freedom, energy, and expressivity. Advanced diagnostic work of students' voice and speech habits are explored in relationship to work with contemporary, heightened, and stylized texts.
Prerequisite(s): THE 222.

THE 314 Advanced Voice and Speech for the Actor II 3 Credits
Continuing from THE 313, actors apply advanced principles of vocal production and speech work to contemporary, heightened and stylized texts.
Prerequisite(s): THE 313.

THE 315 Acting for the Camera 2 3 Credits
This course is a continuation of the study of acting for the camera.
Prerequisite(s): THE 300.

THE 317 Scenic Design 3 Credits
The study and application of design principles as related to the stage. Incorporates the design process, decor research, styles, materials, and construction technology.
Prerequisite(s): THE 118.

THE 318 Stage Lighting Design 3 Credits
The theory and practice of stage lighting as utilized in concept, dance, and theatre. Considers the nature of light, controlling light, color theory, electricity, electrical safety, and lighting design.
Prerequisite(s): THE 115 or THE 118.

THE 319 Costume Design 3 Credits
Introduction to tasks, skills and expertise of costume design and costuming techniques, relationship with other creative production and cast members. Students will create sketches and develop basic construction plans. Develop familiarity with fabrics, patterns, common challenges in costume design.
Prerequisite(s): THE 115 (for other Theatre majors) or THE 118 (for Design and Technology majors).

THE 325 Sound Design 3 Credits
Introduction to sound design and its diverse use and practice for the staged productions, e.g. plays, musicals, operas and dance.
Prerequisite(s): THE 115.

THE 329 Movement for the Actor III 3 Credits
This course is a continuation of study in movement training methodologies focusing on continued development of expressivity, ease, dynamics and authenticity in character development.
Prerequisite(s): THE 229.

THE 390 Production III 1 Credits
Students carry out an advanced level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. These positions include, but are not limited to, Designer, Production Stage Manager, Props Master, and Technical Director. This course may be taken up to three times for credit.
Prerequisite(s): JR or SR standing; 2 credits of THE 290 and related management/design course or permission of Instructor.

THE 400 Directing for the Stage I 3 Credits
The technique of play directing and production management. Lectures present aesthetic and theoretical concepts that are explored in workshops.
Prerequisite(s): THE 107, THE 115.

THE 401 Directing for the Stage II 3 Credits
This course is designed to provide students with an opportunity to practice and discuss the art of directing, building upon the fundamentals of directing studied in THE 400: Directing I. Further exploration of directing challenges and application of artistic vision is accomplished through the direction of scenes and short scripts.
Prerequisite(s): THE 400.

THE 410 Advanced Performance Workshop 3 Credits
An opportunity to work an entire semester on a specific style or period of theatre, e.g., Shakespeare, farce, Readers' Theater.
Prerequisite(s): THE 107, THE 110.

THE 411 Advanced Performance Online Workshop 3 Credits
An opportunity to work an entire term on a specific style or period of theatre that is most conducive to online instruction.
Prerequisite(s): THE 107, THE 110.

THE 450 NY Experience: Professional Audition Technique and the Business of Acting 3 Credits
Students engage weekly with New York professionals to learn the business of acting and strategies for successful auditions in the NY Film, Television and Theatre industry. Students will participate in mock auditions with casting directors and theatre and on camera directors to refine audition skills. Travel costs to New York are the responsibility of the student.

THE 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credits. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

THE 491 Internship in Theater 1-12 Credits
Provides junior or senior theatre majors the practical experience of working within a professional theater environment. Students must be sponsored by a theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

THE 493 Contemporary Theatre Ensemble 3 Credits
Contemporary Theatre Practice Majors will spend this seminar- style class exploring the myriad of positions that enable them to become true "theatre-makers" in the contemporary field, and will participate in at least one campus production.
Prerequisite(s): THE 190.

THE 495 Selected Topics in Theatre History 3 Credits
Intensive study of a particular topic in the theatre world not typically covered in other courses.

THE 496 Senior Internship 6-12 Credits

THE 497 Theatre Senior Showcase 1 Credits
This course is a senior level experience for BFA acting students, and acts as a bridge between life in the university and life as a professional actor. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent.

THE 498 Senior Capstone 3 Credits
The senior capstone is intended for technical theatre students in their final year. Depending on the required abilities, students will be able to design sets, lights, costumes, props or sound for a mainstage show at Rider University, do research on topics related to technical Theatre, internships outside Rider University or work on projects that will improve the use of facilities, storage or equipment for Theater and Dance Department.

THE 499 Senior Honors Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Musical Theatre: Musical Direction

Overview

The Musical Theatre: Musical Direction major at Rider prepares students for a professional career in musical theatre, working as a music director or in other aspects that focus on the music side of the industry. This program is provided in a nurturing liberal arts environment on Rider's campus, just one hour from New York City.

Degree Offered

- B.M. in Musical Theatre: Musical Direction

Contact

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Fine Arts, 140
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Program Website: Musical Theatre (http://www.rider.edu/academics/colleges-schools/wca/sfpa/undergraduate/musical-theater/)

Associated Department: Performing Arts

Related Programs

- Arts Entertainment Industries Management (p. 39)
- Dance (p. 144)
- Music Studies (p. 423)

General Requirements

B.M. - Musical Theatre majors must earn a minimum grade of "B-" each semester in the primary applied music field in order to make satisfactory progress. If a grade of "C+" or lower is earned, the student must repeat the semester.

Students must meet attendance and performance requirements in studio performance classes and Musical Theatre Lab.

All students must present a senior piano primary applied recital after qualifying according to applied area standards. Students must enroll for primary applied study during the term when any recital is to be presented unless specifically excused from this requirement by the Associate Dean.

Applied Music – Piano Primary Study

Piano primary students in the B.M.-Music Theatre degree must register for two credits of applied music in each semester of study, to a maximum of eight semesters. The section number corresponds to the instructor with whom the student will study.

Musical Theatre Lab

All majors are required to attend a weekly musical theatre lab during every semester of enrollment. The lab supplements curricular instruction with presentations by guest artists, managers, agents, and casting directors. This interface provides each student with an opportunity for interaction with some of the most important professionals in the musical theatre business.

Performing Opportunities at Rider University

The musical theatre program offers three fully staged productions led by faculty and experienced and notable directors, conductors and choreographers from the professional community. The Department of Theatre, Dance and Fine Arts also offers a well-established theatre program that provides additional performing opportunities in three major productions. Majors also are encouraged to participate in student-directed and produced events, presented each year on both campuses. The Department of Piano and Voice offers two Opera Theater productions each year. All productions are open by audition to all Rider University students except first-semester freshmen.

Code	Title	Credits
Choirs and Conducting		
MTR 105	Musical Theatre Practicum (2 terms, 1 credit each term)	2
CR 215	Fundamentals of Conducting	3
CR 315	Techniques of Conducting	3
Applied Music		
PI 513	Jazz Keyboard Techniques and Improvisation	3
PI 168A	Applied Piano (8 semester)	16
VC 103	Voice Secondary (4 terms)	4
Theory and Music History		
MUS 106	Survey of Music History II	3
MUS 110 & 110L	Music Theory I and Music Theory I Lab	3
MUS 111 & 111L	Music Theory II and Music Theory II Lab	3
MUS 210	Music Theory III	3
or TH 431	Form and Analysis	
MTR 120	Hist of American Music Theater	3
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
Select two of the following: [1]		**6**
TH 253	Orchestration	
TH 255	Song Writing	
TH 259	Electroacoustic Music	
TH 424	Choral and Instrumental Arranging	
Professional Studies: DANCE		
MTR 109	Beginning Ballet I	1
MTR 309	Beginning Jazz Dance I	1
Professional Studies: ACTING		
THE 107	Acting I: Intro to Acting	3
MTR 317	MT Auditions:Preparation/Tech	3
MTR 215	MT Performance: Song as Text	3
Professional Studies: MUSICAL THEATRE		
MTR 111	Musical Theatre Lab (each semester enrolled) [2]	0
MTR 218	Musical Theatre Scene Study I	3
MTR 255	Musical Theatre Repertoire I	3
MTR 256	Musical Theater Repertoire II	3
MTR 493	Music Theater Production	1
Free electives		**6**
Total Credits		**85**

[1]

MUS 210 is a prerequisite for all four courses.

[2]

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum lab requirements for each of their majors.

Additional Requirements

- Sophomore Review
- Piano Juries
- Senior Piano Recital

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 115 or CMP 120	Intro to Expository Writing or Seminar in Writing and Rhetoric	3
MTR 105	Musical Theatre Practicum	1
MTR 109	Beginning Ballet I	1
MTR 111	Musical Theatre Lab	0
MUS 110	Music Theory I	3
MUS 110L	Music Theory I Lab	1
MUS 168A	Applied Voice	2
THE 107	Acting I: Intro to Acting	3
General Education Course		3
	Semester Credit Hours	**17**
Spring Semester		
CMP 120 or CMP 125	Seminar in Writing and Rhetoric or Seminar in Writing and Research	3
MTR 105	Musical Theatre Practicum	1
MTR 111	Musical Theatre Lab	0
MUS 106	Survey of Music History II	3
MUS 111	Music Theory II	3
MUS 111L	Music Theory II Lab	1
MUS 168A	Applied Voice	2
General Education Course		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CR 215	Fundamentals of Conducting	3
MTR 111	Musical Theatre Lab	0
MTR 215	MT Performance: Song as Text	3
MUS 168A	Applied Voice	2
MUS 210 or TH 431	Music Theory III or Form and Analysis	3
THE 105	Theatre History to 1700	3
	Semester Credit Hours	**14**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 218	Musical Theatre Scene Study I	3
MTR 309	Beginning Jazz Dance I	1
THE 106	Theater History Since 1700	3
MUS 168A	Applied Voice	2
VC 103	Voice Secondary	1
General Education/FreeElective Course		5
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
CR 315	Techniques of Conducting	3
MTR 255	Musical Theatre Repertoire I	3
MTR 111	Musical Theatre Lab	0
MTR 493	Music Theater Production	1
MUS 168A	Applied Voice	2
VC 103	Voice Secondary	1
Music History Elective		3
General Education Course		3
	Semester Credit Hours	**16**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 120	Hist of American Music Theater	3
MTR 256	Musical Theater Repertoire II	3
VC 103	Voice Secondary	1
MUS 168A	Applied Voice	2
General Education/Free Elective Courses		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MTR 111	Musical Theatre Lab	0
PI 513	Jazz Keyboard Techniques and Improvisation	3
MUS 168A	Applied Voice	2
VC 103	Voice Secondary	1
General Education/Free Elective Courses		9
	Semester Credit Hours	**15**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 317	MT Auditions:Preparation/Tech	3
MUS 168A	Applied Voice	2
General Education/Free Elective Courses		7
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

CR 215 Fundamentals of Conducting 3 Credits
This course provides the foundation of conducting technique and philosophy as it relates to choral ensemble. Primarily, it deals with the development of basic pedagogical proficiencies, specifically alignment, Laban gestural vocabulary, breathing, beat patterns, consistent tempo, and the development of expressive gesture for relaying various styles of music, i.e., legato, staccato and marcato. Basic philosophical understandings concerning the human aspects of the music making process and the role the conductor plays in that process also are emphasized. Specific techniques for dealing with technical elements, e.g., fermata, dynamics, changes of tempo, contrasts in style, also are covered. The overall focus of the course is to establish the important relationship between ear, body, and the choral sound.
Prerequisite(s): TH 141.

CR 315 Techniques of Conducting 3 Credits
Continued development of conducting technique with emphasis on more complex styles and patterns, and on communication through appropriate gestures. Further improvement in conducting various dynamics and articulations, as well as more effective use of the left hand. Rehearsal procedures, repertoire programming, score preparation, and baton techniques are incorporated into the course.
Prerequisite(s): CR 215.

MTR 105 Musical Theatre Practicum 1 Credits
This course explores the literature of musical theatre vocal ensembles. It emphasizes examining a wide range of styles. This is a studio/academic class, not a performance ensemble.

MTR 109 Beginning Ballet I 1 Credits
This course introduces the basic elements of ballet technique. Technique is based on the five positions of the legs and feet, coupled with appropriate arm positions. The class consists of a basic ballet barre warm-up that includes stretching and developing strength and turn-out used in dance positions and combinations. Instruction includes jumping, turning, and connecting steps with movement. Ballet terminology is addressed.

MTR 111 Musical Theatre Lab 0 Credits

MTR 120 Hist of American Music Theater 3 Credits
The history of the American Musical from the first American production in 1750 of Gay's The Beggar's Opera up to the present will be traced. Emphasis will be placed upon those common elements which are solely intrinsic to the American stage. Developments and imported ideas (e.g., The British Invasion) will be highlighted.

MTR 215 MT Performance: Song as Text 3 Credits
In this course the student will learn how to develop a performance of musical text by making doable, actable choices and applying those choices to musical monologues – solo songs.
Prerequisite(s): THE 110.

MTR 218 Musical Theatre Scene Study I 3 Credits
Scene study class exploring the literature of the musical theatre – emphasis placed on two- and three-character scenes. Required of all second-year students.
Prerequisite(s): MTR 215.

MTR 255 Musical Theatre Repertoire I 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers through the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106 with a minimum grade of D and THE 311 with a minimum grade of D.

MTR 256 Musical Theater Repertoire II 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers since the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106, THE 107.

MTR 317 MT Auditions:Preparation/Tech 3 Credits
This course, building upon skill-sets established in the Music Theatre singer-actor curriculum, will introduce and hone the required skill-sets for preparing to audition in Music Theatre. Genres and styles of music most often required for auditioning in the industry will be prepared and explored. An audition "book," based upon the demands of the industry, as well as the most suitable material for each student will be built. When appropriate, guests from the industry will be invited to present master classes and evaluations in a "mock audition" process.
Prerequisite(s): MTR 207, MTR 216, MTR 217, MTR 492.

MTR 493 Music Theater Production 1 Credits
Preparation and performance of a solo or ensemble role in a fully staged music theatre production. Concurrent participation in stage crew activities is required.

MUS 106 Survey of Music History II 3 Credits
A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 110 Music Theory I 3 Credits
A practical introduction to the basic elements of music, beginning with the reading of music notation. Practice in scales and chords; ear-training in rhythm and pitch. Techniques may be applied to the student's own instrument (e.g., guitar, piano, winds) if he or she plays one. Prerequisite(s): MUS 109S or placement.
Corequisite(s): MUS 110L.

MUS 110L Music Theory I Lab 1 Credits
Dictation, aural skills training, sight singing, and keyboard skills to accompany MUS 110 (Music Theory I). Prerequisite(s): MUS 109S or placement.
Corequisite(s): MUS 110.

MUS 111 Music Theory II 3 Credits
Continuation of MUS 110,leading to some original composition. Prerequisite(s): MUS 110 and MUS 110L.
Corequisite(s): MUS 111L.

MUS 111L Music Theory II Lab 1 Credits
Dictation, aural skills training, sight singing, and keyboard skills to accompany MUS 111 (Music Theory II). Prerequisite(s): MUS 110 and MUS 110L or placement.
Corequisite(s): MUS 111.

PI 513 Jazz Keyboard Techniques and Improvisation 3 Credits
This course will enable pianists and organists to become familiar with the theory, harmony, and improvisational techniques of jazz piano. Emphasis will be placed upon getting each student to create spontaneous improvisations. The fundamental goal will be that of enabling students accustomed to following a score to move beyond it. Extensive exposure to material from the "Great American Songbook" as well as to jazz standards will provide a structural basis for the course.
Prerequisite(s): TH 142 and PI 168A, or equivalent knowledge and technical proficiency. Students must be in their third semester of piano study or receive permission from the instructor or Department Chair.

MUS 168A Applied Voice 2 Credits

TH 251 Analytical Studies I 3 Credits
An in-depth analytical study of a select body of tonal music to be determined by the instructor. The music, which will contain only the harmonic vocabulary and formal structures studied in TH 141 and TH 142, may vary each time the course is offered. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 253 Orchestration 3 Credits
A study of the orchestra and its individual instruments from the standpoints of the composer, arranger and conductor. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 255 Song Writing 3 Credits
Solo vocal composition in various styles. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 259 Electroacoustic Music 3 Credits
An introduction to the history and literature of electroacoustic music emphasizing hands-on creative opportunities in sequencing and digital sound processing. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

VC 103 Voice Secondary 1 Credits

Organizational Psychology

Program Overview

Are you interested in knowing what motivates a person to perform well at a job, or what qualities a company needs to look for to make a great hire? Today's businesses and organizations need professionals who understand human behavior, group dynamics and how to make the workplace function better. A major in Organizational Psychology will help prepare you for a career in one of America's fastest-growing professions.

Curriculum Overview

Rider University's program is one of just a handful in the nation offering a unique interdisciplinary major that combines business and psychology. This versatile degree can have a real impact on an organization's bottom line by helping to improve employee satisfaction and job performance. Majors in this program will gain a comprehensive understanding of the important contributions that organizational psychology plays in today's workplace.

The Organizational Psychology program focuses on the behavioral aspects of managing and supervising the human resources of an organization or business. You will learn the key concepts of management and psychology, including perception and attitudes, employee motivation and engagement, and organizational leadership and power — and gain an in-depth understanding of what makes employees and organizations function at their best.

As an Organizational Psychology major, you will:

- Develop a comprehensive understanding of human behavior in work settings;
- Learn how to enhance performance within an organization or business;
- Benefit from networking and gain real-world experience through internships and other professional opportunities.

The U.S. Bureau of Labor Statistics ranks Industrial-Organizational Psychology at the top of its list of 20-fastest growing occupations, with a projected growth rate of 53 percent between now and 2022. Organizational psychologists are in demand because their expertise results in better hires, increased productivity, reduced turnover and lower labor costs. They can work as consultants to organizations, or serve in-house in a variety of jobs, including:

- Human resource officer
- Employee development manager
- Organizational development director
- Quality performance manager
- Organizational psychologist
- Testing specialist
- Compensation and benefits specialist

Student Learning Outcomes

1. **Theory:** Students will demonstrate knowledge of major concepts, theoretical perspectives, and empirical findings within the field of organizational psychology. This will include study of organizational and career development, human decision making and performance, human factors, consumer behavior, group dynamics, and job and task analysis.
2. **Research:** Students will learn to plan, conduct, and critically evaluate psychological research on human behavior in organizations and work environments. Knowledge of ethical research practice, diversity issues, and effective written and oral communication will be emphasized.

3. **Practice:** Students will develop interpersonal and intrapersonal knowledge that fosters self-awareness, personal growth, and the development of leadership skills. Students will apply psychological knowledge and skills to promote attainment of post-graduation goals through participation in internships, organizational research, and/or leadership opportunities.

Organizational Psychology Certificate

The Organizational Psychology certificate provides a science-based, practical skill set for anyone who seeks better preparation for professional success and advancement opportunities, regardless of college majors (be they in business, arts, humanities, science or education) and post-graduate paths (in for-profit and non-profit organizations alike). The certificate offers rigorous training in the areas of Psychology that have direct, valuable applications to organizations, including: motivation, decision making, group dynamics, persuasion, leadership, and innovation.

Honors Program in Psychology

A student may receive honors in psychology by fulfilling the following conditions beyond the basic requirements for the psychology major: complete one Independent Research and Study project (490); earn a cumulative average of 3.25 and an average of 3.5 in psychology at the time of graduation.

Degree Offered

- B.A. in Organizational Psychology
- Certificate in Organizational Psychology

Contact

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School of Humanities and Social Sciences
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Program Website: Organizational Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/psychology-ba/)

Associated Department: Department of Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/organizational-psychology/)

Related Programs

- Human Resource Management (p. 333)
- Management and Leadership (p. 372)
- Business Administration (p. 91)

Organizational Psychology B.A. Requirements

(42 credits)

Code	Title	Credits
Required Courses		**24**
PSY 100	Introduction to Psychology	
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	
PSY 210	Organizational Psychology	
or MGT 201	Fund Management & Org Behavior	
PSY 240	Social Psychology	
MGT 310	Intro to Human Resource Mgmt	
PSY 329/MGT 329	Research Methods in Organizational Psychology	
or PSY 303	Research Methods: Social Psychology	
PSY 329L/ MGT 329L	Research Methods in Organizational Psychology	
or PSY 303L	Research Methods: Social Psychology Lab	
MGT 355	Team Management	
Select one of the following:		**3**
MSD 205	Business Statistics [1]	
or PSY 201	Statistics and Research Design	
Select one of the following courses:		**3**
COM 253	Organizational Communication	
COM 290	Professional/Strategic Speech	
COM 350	Team & Group Communication	
Select two of the following courses:		**6**
HRM 315	Employee Selection & Training	
HRM 316	Employee Compensation Systems	
HRM 333	Employee Engagement	
MGT 320	Managing Workforce Diversity	
MGT 490	Independent Research and Study [2]	
Select two of the following courses:		**6**
PSY 215	Personality	
PSY 225	Learning Theory	
PSY 315	Psychological Tests	
PSY 400	Senior Seminar	
PSY 490	Independent Study: Research and Creative Expression [2]	
Total Credits		**42**

1

MSD 105 is a prerequisite and must be completed before taking MSD 205.

2

You may take either PSY 490 or MGT 490 to satisfy major requirements but may not count both courses towards the major requirements.

Organizational Psychology Certificate Requirements

(12 credits)

Code	Title	Credits
Complete the following courses:		
Select one of the following:		**3**
PSY 100	Introduction to Psychology	
PSY 102	Explorations in Psychology Honors	
PSY 110	Psychology:The Science of Well-being	
PSY 117	Psychology of Creativity (Required Courses)	
Required Courses		**6**
PSY 210	Organizational Psychology	
PSY 240	Social Psychology	

Elective Courses		**3**
Select one of the following:		
PSY 212	Introduction to Applied Behavior Analysis	
PSY 215	Personality	
PSY 225	Learning Theory	
PSY 226	Cognitive Psychology	
PSY 245	Stress, Health and Coping	
PSY 315	Psychological Tests	
PSY 345	Health Psychology	
PSY 367	Creativity and Innovation	
PSY 379	Psychology and Law	
PSY 383	Psychology and Culture	
PSY 384	Positive Psychology	
Total Credits		**12**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
PSY 100	Introduction to Psychology (Scientific Perspectives GenEd 1 of 2)	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language [1,4]		3
	Semester Credit Hours	**15**
Spring Semester		
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	4
PSY 240	Social Psychology	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Foreign Language [4]		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
PSY 201 or MSD 205	Statistics and Research Design or Business Statistics	3
PSY 210 or MGT 201	Organizational Psychology or Fund Management & Org Behavior	3
Elective Course Credits [2]		6
Social Perspectives [4]		3
	Semester Credit Hours	**15**
Spring Semester		
Select one of the following PSY with Lab courses:		**4**
PSY 329 & 329L	Research Methods in Organizational Psychology and Research Methods in Organizational Psychology	
OR		
PSY 303 & 303L	Research Methods: Social Psychology and Research Methods: Social Psychology Lab	
Psychology Elective [3]		3
Philosophical Perspectives [4]		3
Social Perspectives [4]		3
MGT 310	Intro to Human Resource Mgmt	3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MGT 355	Team Management	3
COM 253 or COM 290 or COM 350	Organizational Communication or Professional/Strategic Speech or Team & Group Communication	3
Psychology Elective [3]		3
Elective Course Credits [2]		6
	Semester Credit Hours	**15**
Spring Semester		
Management or Human Resource Management Elective (MGT or HRM)		3
Elective Course Credits [2]		12
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Aesthetic Perspectives: Fine Arts [4]		3
Elective Course Credits [2]		12
	Semester Credit Hours	**15**
Spring Semester		
Management or Human Resource Management (MGT or HRM)		3
Aesthetic Perspectives: Literature [4]		3
Scientific Perspective [4]		3
Elective Course Credits [2]		5
	Semester Credit Hours	**14**
	Total Credit Hours for Graduation	**121**

Footnotes

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

The following courses fulfill the Psychology Elective requirement: PSY 215, PSY 225, PSY 315, PSY 400, and PSY 490.

4

Courses which fulfill the General Education Curriculum can be found at: /undergraduate/colleges-schools/arts-sciences/general_education_requirements/ (p. 1146)

Courses and Descriptions

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

HRM 315 Employee Selection & Training 3 Credits
This course explains the processes involved in selecting and training employees. With regards to selection, specific examples include, evaluating applicant credentials, administering pre-employment tests and complying with equal employment opportunity legislation. With regards to training, topics include assessing the need for training, designing effective training programs, utilizing methods such as technology to deliver training, and evaluating the effectiveness of training programs.
Prerequisite(s): MGT 310.

HRM 316 Employee Compensation Systems 3 Credits
The goal of this course is to familiarize you with the common methods of compensation used by today's organizations and how these methods could be used to increase motivation, job satisfaction, and performance in the workplace. To accomplish this, we will first discuss the bases of motivation in the workplace. Next, we will then talk about the various compensation options and techniques and the strengths and weaknesses of each in maximizing motivation and performance in an organization.
Prerequisite(s): MGT 310.

HRM 333 Employee Engagement 3 Credits
Employee Engagement is commonly described as a focused passion and enthusiasm that employees bring to their work that produces high-quality performance and positive organizational outcomes such as enhanced firm reputation, customer loyalty, and profitability. In this course, students will explore the concept and value of Employee Engagement, and strategies for energizing an organization's workforce. Projects and activities will focus on the role of the Human Resource function in measuring employee attitudes, designing relevant interventions, and influencing a culture of engagement.
Prerequisite(s): MGT 310.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

MGT 355 Team Management 3 Credits
This course prepares students to work in organizations that use teams as an integral part of their functioning-an increasingly common practice. The class involves intensive group interaction, focusing on individual growth in group settings. Working with other students in role-plays, exercises, and team assignments allows the student to develop better communication and leadership skills.
Prerequisite(s): MGT 201 or PSY 210.

MGT 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or MGT major elective.
Prerequisite(s): MGT 201 or permission of instructor.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 102 Explorations in Psychology Honors 3 Credits
The course introduces the history of psychology, and demonstrates how the discipline is a science. It provides students with experience exploring the mind, behavior, and the relationship between the two, from multiple perspectives, including biological, behavioral, cognitive, developmental, humanistic, social, and abnormal. It tackles questions including (but not limited to) how different areas of the brain are involved in behavior and are affected by injury, how humans sense and perceive the world, how states of consciousness differ from one another, how humans learn, remember, communicate, and develop, what motivates humans to behave in particular ways, how social groups affect behavior and decision-making, and what happens when behavior and emotions deviate from what is typical.

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 110 Psychology:The Science of Well-being 3 Credits
This course uses theory and methods of psychology to examine the question: How to make a good life? Students will learn how psychology examines the ways that motivation, intellect, relationships, self-respect and a healthy lifestyle contribute to happiness, well-being, and flourishing. Students will learn how psychology examines human nature through observation and experimentation. Students will understand how psychology applies research to improve human well-being. Students will leave the course with a better understanding of themselves and their connection to others, and apply their self-knowledge to their personal goals and relationships. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 117 Psychology of Creativity 3 Credits
Is creativity reserved only for geniuses, or can ordinary individuals also be creative? Is it domain-specific or domain-general? How do we measure it? What is the connection between creativity and innovation? Can you and I become more creative, and if so, what factors influence creative thinking? This course surveys the modern theories of creativity and problem solving from a psychological perspective, and their applications to real-world challenges. Specific topics will focus on convergent and divergent thinking, the role of constraints, change, and motivation in creativity, social and personality factors, techniques such as brainstorming, design thinking, and creative problem solving, and innovation in organizations. You will apply what you have learned in hands-on activities that challenge you to propose creative solutions to real-world problems.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of “C” in PSY 105.

PSY 210 Organizational Psychology 3 Credits
Focuses on issues related to human behavior in work settings. Topics include personnel issues such as hiring and promotion decisions, performance appraisals, and methods of on-the-job training. Issues of job satisfaction, motivation, productivity, and effective leadership styles are also examined. Finally, organizational structure as it relates to communication within organizations will be examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 212 Introduction to Applied Behavior Analysis 3 Credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 215 Personality 3 Credits
A synthesis of the most recent research in the field of personality development. Topics include interplay of biological, cultural, and subjective personal processes; analysis of the broad trends in personality theories; and introduction to personality measurement.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 225 Learning Theory 3 Credits
This course provides students with a broad coverage of the fields of learning, memory, and cognition, while addressing their relevance and impact on human behavior. Various psychological perspectives used to understand learning, such as associationist, selectionist, and cognitivist, will be discussed, compared, and contrasted. Topics range from classical and operant conditioning to memory, concept learning, thinking, and problem solving.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 226 Cognitive Psychology 3 Credits
The study of the mind has been the focus of psychology since its inception in the 19th century. Today, the majority of psychological research focuses on the cognitive system and its biological basis. This course will provide an overview of knowledge regarding the components of the human cognitive system (e.g., attention, memory, executive processes) and how they form the basis for higher-order cognitive skills (e.g., language and decision making). The course will provide a history of the field and the methodologies that have been and are currently being used to study the human mind. Each section of the course will include an overview of basic and applied research to demonstrate how knowledge of the cognitive system can be used to enhance human functioning in applied settings and better understand human limitations and tendencies to commit certain types of errors.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 240 Social Psychology 3 Credits
Deals with the scientific study of human beings in social situations, focusing on reciprocal influence of the individual and the group, especially aspects of behavior that are socially determined. The nature of attitudes: their development and change; the nature of social influence; interpersonal perception and attraction; dynamics of social behavior; and social phenomena, such as prejudice and social movements, are covered.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 245 Stress, Health and Coping 3 Credits
This course will examine physical and psychological effects of stress including a discussion of the nervous system, and the various models of the stress/illness relationship such as General Adaptation, Cognitive Appraisal and Diathesis-Stress. Various ways of coping with/responding to stress will be considered along with the influence of personality and sociodemographic factors on differences in both the experience of stress and on coping mechanisms will be considered. Finally, this course will consider issues in the measurement of stress and coping as well as some of the noteworthy findings and methodological aspects of stress research.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 315 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 329 Research Methods in Organizational Psychology 4 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 329L Research Methods in Organizational Psychology 0 Credits
This course covers the general areas of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 367 Creativity and Innovation 3 Credits
What is creativity, and how do we measure, study, and enhance it? This course will survey the modern theories of creativity from a psychological perspective, with an emphasis on the processes that underlie creative thinking and the variables that influence creative idea generation. Specific topics will include: convergent and divergent thinking, the role of the unconscious in creative ideation, flow and mindfulness, individual and group creativity, techniques such as brainstorming and creative problem solving, the neuroscience of creativity, the role of motivation, and creativity and innovation in organizations. Discussions of theoretical findings will be complemented by in-class activities and assignments that highlight applications to day-to-day living and to larger-scale challenges that require creativity and innovation.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 379 Psychology and Law 3 Credits
Introduces students to a study of selected topics in psychology and law. Topics include eyewitness testimony, jury selection, and decision-making.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 383 Psychology and Culture 3 Credits
Students enrolled in this course will critically examine the intersection of culture and psychology. Topics covered include cultural influences on: identity, the perceptions and manifestations of mental illness, and treatment-seeking.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 384 Positive Psychology 3 Credits
Historically, the field of psychology has placed great attention on the question of, "What is wrong with people and how do we fix it?" This course will focus on the question of, "What is right with people and how can we build on that?" We will explore this by examining empirical research centered on the nature of happiness and psychological well-being. Positive psychology is the rigorous study of what is right and positive about people and institutions. Positive psychologists call for as much focus on strength as on weakness, as much attention on positive emotions as negative emotions, as much interest in building the best things in life as in repairing the worst, and as much attention to promoting the fulfillment of lives of healthy people as to healing the wounds of the distressed. This course will first present an introduction to the core assumptions and research findings associated with human strengths and positive emotions, then move on to explore interventions and applications informed by this perspective in counseling and psychotherapy, as well as in domains personally relevant to the lives of students such as school, work, family and other close relationships. PSY 384 is cross-listed with PSY 584.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 400 Senior Seminar 3 Credits
This capstone course will provide a synthesis and evaluation of important critical issues in psychology, such as the role of modern psychology in solving social problems, the scientific vs. human services perspectives on behavior, emotion, and cognition; and the nature of mental illness and well-being. Students will be expected to draw broadly from their education in psychology; to grapple with conflicting points of view; and produce professional-quality writing, oral or multimedia presentations.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 75 credits.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

Philosophy

Program Overview

The study of philosophy explores fundamental questions about persons and the universe. What is knowledge? What is the meaning of life? What is reality? How do psychology, religion, art, history, and science contribute to an understanding of the world and our place in it?

At Rider, philosophy students are encouraged to apply these questions toward pragmatic ends, with emphasis on both the academic discourse community and developing specific skills useful beyond the classroom. Specifically, the program teaches students how to formulate and defend positions, speak articulately and listen objectively, write clearly and persuasively, read complex material with comprehension, summarize and organize challenging materials and reason analytically and inferentially.

Curriculum Overview

Students begin with introductory courses in the teachings of Plato and Aristotle, the basics of logic and language and an historical and systematic analysis of ethics. Later coursework can focus on particular movements of philosophy including Modern Philosophy, Asian philosophy, Existentialism, Nietzsche's concept of nihilism, the philosophies of Wittgenstein and Hume, as well as a wide range of other courses related to the field. Most classes are taught as small weekly meetings in which students discuss the material in an intimate, supportive setting.

Introductory philosophy courses also hold small weekly discussion groups. In both upper and lower division courses students are also given the opportunity to develop their ability to verbally express their opinions and argue their basic points persuasively. During their senior year, students hone their writing and rhetorical skills by completing a thesis on a philosophic topic of their choice in consultation with a faculty advisor.

Student Learning Outcomes

Graduates of the Philosophy minor will be able to:

1. Recognize and interpret claims; recognize and reconstruct arguments; and evaluate arguments and justifications.

2. Articulate the main tenets of major philosophical schools and movements of thought in the history of philosophy and apply their knowledge to contemporary philosophical controversies and issues.

3. Take an active role in the discussion of philosophical issues; articulate and defend their views on controversial issues, and demonstrate open-mindedness in engaging other points of view.

4. Construct coherent and logical essays and other writings and use sources appropriately in accordance with the standards of the discipline.

Honors Program

Honors in philosophy may be achieved, upon the recommendation of the department, by earning a 3.5 cumulative average in the discipline and completing the senior thesis with distinction.

Degrees Offered

- Minor in Philosophy

Contact

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Program Website: Philosophy (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/majors-minors-certificates/philosophy/)

Associated Department: Department of History and Philosophy (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/history-philosophy/)

Related programs

- Communication Studies (p. 114)
- Criminal Justice (p. 132)
- English (p. 227)
- Ethics (p. 258)
- Gender and Sexuality Studies (p. 284)
- History (p. 323)
- Journalism (p. 346)
- Multicultural Studies (p. 403)
- Political Science (p. 449)

Philosophy Minor Requirements

(18 credits)

Code	Title	Credits
PHL 100	Plato and Aristotle	3
One 400-level philosophy seminar		3
Four philosophy electives, including one at the 300-level or above		12
Total Credits		**18**

Courses and Descriptions

PHL 100 Plato and Aristotle 3 Credits
The beginnings of Western scientific and humanistic thought among the early Greeks and their progress into the two great systems of Plato and Aristotle. Selections from Plato and Aristotle are read and discussed to determine the meaning and significance of philosophical ideas that have subsequently influenced the whole history of Western civilization. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 102 Philosophical Thinking 3 Credits
An introduction to philosophical thought with an emphasis on the enduring questions and problems of philosophy. We will explore such questions as: how do I know I am not dreaming? Is there an external world? What is truth? Is there a self? Is there a God? What is the relationship between the mind and the body? How can I tell right from wrong? What makes government legitimate? What is justice? What is the meaning of life? We will consider answers to these questions from diverse philosophical traditions, reading such philosophers as Plato, Descartes, Zhuangzi, Hume, Vasubandhu, Berkeley, Aquinas, Avicenna, Udayana, Kant, Mill, Russell, Camus, and Nishitani. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 110 Logic and Language 3 Credits
A study of the logical structure of argumentation in ordinary language, with an emphasis on the relation of logic to the uses of language in practical affairs. Traditional informal fallacies are studied as well. Discussions explore the nature of validity, truth, meaning, and evidence in relation to the evaluation of arguments. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 115 Ethics 3 Credits
A combined historical and systematic analysis of the problems of ethics. Such problems as the nature and meaning of moral values and judgments, moral responsibility and freedom, conscience and happiness, the good life, and the relativity of value, are explored through the writings of such philosophers as Plato, Aristotle, Aquinas, Kant, Mill, and Nietzsche. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 120 American Philosophy 3 Credits
The development of philosophical thought in the United States from the colonial era to the 20th century. Studies such thinkers as Edwards, Jefferson, Emerson, Thoreau, Peirce, James, Dewey, and King, and their ideas on human nature, free will, religion, morality, and politics. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 125 Philosophies of Education 3 Credits
Studies classical and contemporary theories of the nature, structure, and aims of education, including major works of such philosophers as Plato, Rousseau, and Dewey. The course will also introduce students to methods of critical philosophical analysis. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 130 Political Philosophy 3 Credits
An introduction to the problems of political philosophy with an emphasis on recent and contemporary issues, such as the conflict between liberal and conservative ideologies, fascism, revolution, civil disobedience, and the concept of legitimate political authority. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 202 Social Philosophy 3 Credits
Emphasizes social ethics through critical studies of such contemporary problems as abortion, euthanasia, the death penalty, pornography and censorship, animal rights, drug use, sexual morality, environmental ethics, and world hunger. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 203 Business Ethics 3 Credits
Surveys and examines ethical problems concerning the institutions and practices of contemporary business. Problems considered include: the conflicts of economic freedom and social responsibility; the relation of profits to work and alienation; the responsibilities of business to employees, minorities, consumers and the environment; the role of truthfulness in business practices; and the ethics of self-fulfillment and career ambitions. Readings selected from works of contemporary and historical philosophers, social theorists, and business people.

PHL 207 Asian Philosophy 3 Credits
A survey of the principal philosophical perspectives of Asia. Emphasis on the traditional Indian schools of Hinduism, Jainism, and Buddhism, Chinese Confucianism and Taoism, and the development of Zen Buddhism in China and Japan. Philosophical topics include: mystical experience, the ultimate nature of reality, the existence of a soul, the causes of human suffering, and the possibility of release, the nature of virtue and its development, and the nature of society and government. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 210 Symbolic Logic 3 Credits
An introduction to logic from the standpoint of modern symbolic methods, including techniques of formal deductive proof, quantification, the logic of relations, and properties of formal deductive systems. Discussions focus on philosophical issues in recent and contemporary logical theory. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 225 Modern Philosophy 3 Credits
Examines one of the most exciting periods in the history of philosophy during which philosophers from Descartes to Kant tried to come to terms with the following questions: What is knowledge? Can we know the physical world exists? Can we have scientific knowledge? Can we know God exists? Can we even know whether we exist? The works of Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume and Kant are read and discussed. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PHL 304 Medical Ethics 3 Credits
Introduces the student to ethical problems associated with the practice of medicine, the pursuit of biomedical research, and health care social policy. The course will explore such issues as: Is a physician morally obligated to tell a terminally ill patient that he or she is dying? Is society ever justified in enacting laws that would commit an individual, against his or her will, to a mental institution? Does society have a moral obligation to ensure that all its members have access to health care? To what extent, if at all, is it ethically acceptable to clone a human being? Under what conditions is human experimentation ethically acceptable?
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 310 Problems in 20th-Century Philosophy 3 Credits
Consideration of major philosophical movements in the 20th century such as phenomenology, existentialism, pragmatism, and analytic philosophy. Within these movements such topics as the function of analysis, language and meaning, the nature of values, the nature of persons, the synthetic-analytic distinction, the mind-body problem, and the possibility of metaphysics are considered. The work of such figures as Wittgenstein, Russell, Heidegger, Husserl, Sartre, Whitehead, and Dewey are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 315 Existentialism 3 Credits
Historical development and contemporary problems of existentialism with emphasis on the nature of man, his ability to know his situation, the relation between existence and essence, and the meaning of human life and activity. The works of such figures as Kierkegaard, Sartre, Heidegger, Camus, Kafka, Beckett, Buber, Laing, and Frankl are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 320 Philosophy of Science 3 Credits
The logic of fundamental concepts of science and scientific methods are studied. Patterns of explanation are examined to understand the functions of laws, theories, and predictions in science. Inquiry is made into the relation between mathematics and empirical science; similarities and distinctions between the natural and social sciences. The role of science in human affairs and the value of scientific knowledge.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 334 Theories of Knowledge 3 Credits
An investigation of selected, representative theories of knowledge from classical and contemporary sources. Considers the analytic-synthetic distinctions, necessary truth, and the foundations of empirical knowledge. Such philosophers as Leibniz, Hume, Kant, Russell, and Quine are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 336 Philosophy of Mind 3 Credits
An investigation of the nature, existence, and capacities of the mind and self in the light of recent philosophical and psychological theories, including psychoanalysis and behaviorism. Considers such topics as the interaction of mind and body, the unconscious, minds and machines, freedom of thought and action.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 343 Theories of Reality 3 Credits
An examination of metaphysical problems with an emphasis on philosophical views of human nature from ancient Greece to contemporary evolutionary theories. The writings of such classical, modern, and contemporary figures as Plato, Aristotle, Descartes, Kant, Hegel, and Darwin are read and discussed. Issues studied include the relation between mind and matter, freedom and determinism, and the existence of God.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 348 Indian Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of India. Emphasis on the disputes between the traditional Hindu and Buddhist schools of the classical period over logic, knowledge, and reality. Philosophical topics include: skepticism, the problem of universals, realism and idealism, the nature of perception, the problem of induction, the nature of causality, and the problem of identity over time. Philosophers such as Nagarjuna, Vasubandhu, Vatsyayana, Dharmakirti, and Udayana will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 358 Chinese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of China. Emphasis on the political philosophies of ancient China. Topics include: human nature and the development of virtue, the nature and purpose of government, and the cognitive value of mystical experience. Philosophers such as Confucius, Laozi, Xunzi, Mencius, Mozi, and Zhuangzi will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 360 Contemporary Ethics 3 Credits
An examination of recent and contemporary challenges to traditional ethical theory including such movements as logical positivism, cultural relativism, feminism, environmentalism, multiculturalism, and postmodernism. Such problems as the meaning and cognitive status of value judgments, the relation between fact and value, the relativity of values, and how value judgments can be justified are considered.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 368 Japanese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of Japan, with an emphasis on Zen Buddhism in Medieval Japan and the Kyoto school in the 20th century. Topics include: the use of meditation and koans in Zen practice, the relationship between practice and enlightenment, the nature of time, meaning and nihility, and the relationship between science and religion. Philosophers such as Kukai, Mumon, Dogen, and Nishitani will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 402 Nietzsche and Nihilism 3 Credits
A seminar dealing with Nietzsche's provocative ideas on Nihilism and the possibility of creating meaning, value, and truth for human existence. Many of his important works are read, analyzed, and critically discussed. Recent scholarly interpretations of Nietzsche's philosophy are considered.
Prerequisite(s): any previous philosophy course or permission of instructor.

PHL 408 The Philosophy of William James 3 Credits
Seminar involving a concentrated study of William James' contributions to philosophy with special attention to his pragmatism, pluralism, and radical empiricism. Many of James' philosophical works are read, analyzed, and critically discussed. Recent scholarly interpretations of James' philosophy are considered.

PHL 418 Great Buddhist Thinkers 3 Credits
Concentrated study of a single Buddhist philosopher, emphasizing the systematic views of that philosopher across a range of philosophical issues. Through an examination of primary sources in translation and recent scholarship, students will investigate the views and arguments of one important figure from the Buddhist philosophical tradition on a variety of philosophical problems regarding knowledge, existence, consciousness, religion, and ethics.

PHL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

PHL 494 Preparation and Research for Senior Philosophy Thesis 1 Credits
Supervised by a faculty member, the Philosophy major chooses a topic, composes an outline and a bibliography. Must be completed prior to enrolling in PHL 495.

PHL 495 Senior Philosophy Thesis 3 Credits
In a tutorial setting, the Philosophy major will write a thesis which serves as the Capstone Experience in the Department.
Prerequisite(s): PHL 494.

Physics

Program Overview

Physics students at Rider develop a rigorous understanding of the natural world and the forces that govern it through a combination of traditional classes and hands-on laboratory experience. The small classes focus on a variety of topics including classical and modern physics, as well as scientific computing techniques and astrophysics. Physics students are presented with multiple research opportunities with our faculty, who actively attend national meetings and publish in international peer-reviewed journals.

The physics minor helps students seeking entrance to graduate or medical school as well as careers in physics, law, education, and business. This minor helps students develop laboratory skills, written and oral skills, as well as understanding how the laws of physics apply and can be manipulated or utilized in the real world.

Minor Offered

- Minor in Physics

Contact

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Program Website: Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/physics-minor/)

Associated Department: Department of Computer Science and Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/computer-science-physics/)

Related programs:

- Computer Science (p. 125)

Physics Minor Requirements

(20 credits)

Code	Title	Credits
PHY 200 & 200L	General Physics I and General Physics I Lab	4
PHY 201 & 201L	General Physics II and General Physics II Lab	4
PHY 203	Introduction to Modern Physics	3
PHY 300	Mechanics	3
PHY 305	Electricity and Magnetism	3
One additional 300- or 400-level physics (PHY) course		3
Total Credits		**20**

Courses and Descriptions

PHY 200 General Physics I 4 Credits
Introductory classical physics; Newtonian mechanics, including the conservation laws, wave motion, gravity, thermodynamics. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 210 or concurrent enrollment
Corequisite(s): PHY 200L.

PHY 200L General Physics I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 200.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

PHY 201L General Physics II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 201.

PHY 203 Introduction to Modern Physics 3 Credits
Covers space-time relativity, elementary particles, and basic quantum mechanics, including solutions of the Schrodinger wave equation. Applications of quantum theory in atomic, nuclear, and solid-state physics.
Prerequisite(s): PHY 201 or permission of instructor.

PHY 300 Mechanics 3 Credits
Kinematics and dynamics of particles and systems, analysis of harmonic oscillator systems, normal modes, Lagrangian and Hamiltonian dynamics and classical waves are studied.
Prerequisite(s): PHY 201, MTH 250.

PHY 305 Electricity and Magnetism 3 Credits
Electro- and magnetostatics, fields and potentials, and boundary value problems are covered.
Prerequisite(s): PHY 201, MTH 250.

PHY 310 Advanced Electricity and Magnetism 3 Credits
Maxwell's equations; electromagnetic waves in vacuum and in material media; radiation, propagation, reflection, and refraction.
Prerequisite(s): PHY 305, MTH 308.

PHY 315 Thermodynamics and Statistical Mechanics 3 Credits
Thermodynamic systems; the first and second laws of thermodynamics; entropy and thermodynamic potentials; distribution of molecular speeds; Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac distributions.
Prerequisite(s): PHY 201.

PHY 320 Quantum Mechanics 3 Credits
Historical background; the Bohr Theory; the Schrodinger equation, its interpretation and applications; the uncertainty and exclusion principles; development of the formalism.
Prerequisite(s): PHY 300.

PHY 330 Basic Electronics 3 Credits
An experimental study of devices and circuits in analog and digital electronics. No previous experience with electronic circuits is assumed; introductory topics including signal acquisition, computer interfaces, and analog/digital signal processing will be covered. One hour of lecture plus two three-hour labs per week.
Prerequisite(s): PHY 201 or permission of instructor.

PHY 350 Advanced Laboratory 2 Credits
Experiments in atomic and nuclear physics, electricity and magnetism, and physical optics. Students have the opportunity to work intensively on a particular experiment. Minimum of five to six hours per week.

PHY 400 Atomic Physics 3 Credits
Quantum mechanics and the one-electron atom; atomic structure and optical spectra of multi-electron atoms. Quantum statistics, band theory of solids.
Prerequisite(s): PHY 320.

PHY 405 Fundamentals of Nuclear Physics 3 Credits
Nuclear mass and size; nuclear forces and some models of the nucleus; radioactivity and detection; subnuclear particles and resonances.
Prerequisite(s): PHY 320.

PHY 415 Physical Optics 3 Credits
Waves and the superposition principle; interference, Fraunhofer and Fresnel diffraction; electromagnetic nature of light; absorption and scattering; dispersion; polarization.
Prerequisite(s): PHY 201, MTH 250.

PHY 416 Modern Experimental Optics Lab 1 Credits
A laboratory course in geometrical and physical (wave) optics, designed to supplement the material presented in PHY 415. Serves as an introduction to the optical equipment and techniques that are employed in laboratory research. A series of experiments cover the topics of polarization, interference, image formation, Fourier optics and lasers, and optical spectroscopy.
Prerequisite(s): PHY 201.

PHY 450 Topics in Modern Physics 3 Credits
A selected topic of contemporary interest in physics, e.g., general relativity and gravity waves, is studied. Emphasis on current journal literature and research. May be taken more than once with departmental approval. An excellent introduction to independent research in one area of physics.
Prerequisite(s): PHY 201.

PHY 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

PHY 491 Internship in Physics 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Political Communication

Program Overview

Political communication is an interdisciplinary minor that is designed to investigate the manner in which new technologies and strategies of communication change the emerging political order, and the manner in which the emerging political order structures the dissemination of information among citizens of the United States and other nations.

The minor in political communications provides preparation for those students planning further study in graduate or law school, careers in government, international affairs, political campaigns, political journalism, or private business concerned with government activity. Moreover, students will further their abilities to construct arguments based upon ethical and relevant data, think clearly and critically, and develop the facility to express themselves persuasively.

Degree Offered

- Minor in Political Communication

Contact

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Fine Arts
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Program Website: Political Communication (http://www.rider.edu/politicalcommunication/)

Associated Department/College: Department of Government, Politics and Law

Related Programs

- Communication Studies (p. 114)
- Finance (p. 269)
- Health Administration (p. 311)
- Health Communication (p. 317)

Political Communication Minor Requirements

(21 credits)

Code	Title	Credits
POL 307	Political Communication	3
Communication		
Select three of the following:		9
COM 105	Communication, Culture and Media [1]	
COM 205	Persuasion [1]	
COM 304	Rhetoric for Politics and Law	
COM 322	Argumentation and Advocacy	
COM 390	Communication and Society	
COM 391	Communication Criticism	
COM 393	International Communication	
Political Science		
Select three of the following:		9
GLS 180	Understanding Global Relations	
POL 210	Public Opinion	
POL 230	Methods of Political Analysis	
POL 247	Political Campaigning	
POL 295	Special Topics in Political Science [2]	
POL 301	Civil Liberties in the U.S.	
POL 305	Political Parties and Electoral Behavior	
POL 306	American Political Film	
POL 313	American Presidency	
POL 315	Global Issues	
Recommended Course		
Select one of the following:		4
COM 490	Independent Study: Research and Creative Expression	
COM 491	Internship in Communication	
POL 490	Independent Study: Research and Creative Expression	
POL 491	Internship in Political Science	
Total Credits		**21**

1 May not be counted toward the minor by Communication and Journalism majors.

2 Only one special project may be counted toward the minor.

Courses and Descriptions

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

GLS 180 Understanding Global Relations 3 Credits
Offers an introduction to Global and Multinational Studies by exposing the student to basic concepts necessary to understand the dynamics underlying the emerging worldwide society of diverse nations. The student will become acquainted with the mechanisms by which contacts are built across nations, and the factors that shape the conception of and relations with "the other.".

POL 210 Public Opinion 3 Credits
Public opinion as a social force and as expression of public sentiment on political and social issues. Topics include: development and dissemination of opinions, the measurement of public opinion, public opinion and governmental processes, and the reciprocal relationship between mass media and public opinion.

POL 230 Methods of Political Analysis 3 Credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.

POL 247 Political Campaigning 3 Credits
This course entails the study of campaigning for political office at the federal, state and local levels in the United States. While attention will be given to how the broader political environment and specific factors, e.g., partisanship, hot button issues, local interests, and money, affect the nature of campaigns, the course's primary focus will be on how to organize and conduct a successful and ethical campaign, including how to collect and analyze pertinent data, manage a staff, develop a communications plan, including social media, and get out the vote.

POL 295 Special Topics in Political Science 3 Credits
For non-seniors who engage in serious research in political science. Topic to be approved by instructor and department chairperson.

POL 301 Civil Liberties in the U.S. 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as HLS 301. Students may not get credit for both HLS 301 and POL 301.

POL 305 Political Parties and Electoral Behavior 3 Credits
The structure, character, and functions of U.S. political parties and pressure groups, and their impact on public policy. Parties are analyzed within the broader scope of organizational theory and comparative party systems. Major emphases on their historical origins, their role in contemporary political life, and particular aspects of party politics--local organization, membership, campaigning and elections, policy-making roles, and leadership.

POL 306 American Political Film 3 Credits
This course analyzes the structure, history, and impact of the genre of political film. It begins with a discussion of how one distinguishes a political film from other forms of cinema. It then proposes insights into the manner in which these films evoke a particular time and place in politics, affect the viewer's interpretation of a political event or figure, and have an effect upon a viewer's political perceptions or behavior. The student will also learn to review films critically, both as political statements and as effective (or ineffective) conveyors of political messages.

POL 307 Political Communication 3 Credits
The meaning and uses of political communication are examined, the manner and forms such communication takes, and the history of political discourse. Major topics include the role of communication in elections and the development of public policy, how political communication strategies have changed with the rise of mass media, and the development of national and international publics for discourse.

POL 313 American Presidency 3 Credits
A description and analysis of the American presidency: its historical development, the internal organization, and ecological context. Basic issues include the intent of the framers of the Constitution, the historical accumulation of presidential powers, and institutional limits on presidential power (e.g., Congress and the bureaucracy).

POL 315 Global Issues 3 Credits
Military, economic, demographic, and environmental threats to global security in the post-Cold War era. Forces of transnational integration vs. forces of intrastate fragmentation. Inadequacy of international law and organization to deal with these problems within the confines of the sovereign nation-state system.

POL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

POL 491 Internship in Political Science 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of fieldwork per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

Political Science

Program Overview

How did American politics become so polarized? How can we understand the global shift to the right in electoral politics? Why does democracy matter? What causes politics to turn violent, and what can be done about it? How can citizens affect change in their own communities and beyond?

These are just some of the big questions students will confront in political science courses at Rider University. Through these courses, students will examine politics at every level: local, state, national, international and global. They will acquire a variety of methodological skills and theoretical perspectives in order to develop a broad understanding of political institutions and processes, political cultures, and political actors. Students enjoy experiential learning in many of their courses, including Congressional simulations, mock trials, and creative problem solving in foreign policy.

Curriculum Overview

Students take courses in many subfields of political science:

- American politics
- comparative politics
- constitutional law
- international relations
- political theory
- public policy

Beyond the Political Science major, the department also offers minors in Homeland Security Policy (p. 330) and Political Communication (p. 447).

Rider's Political Science students have many opportunities for hands-on experiences which will help to complete their Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) graduation requirement:

- The Rebovich Institute for New Jersey Politics (https://www.rider.edu/academics/centers-institutes/rebovich-institute/) places students in internships in NJ, PA, NY, DC and beyond, offering fellowships to support students during unpaid summer internships. The Institute also brings many noteworthy speakers to campus, including former Speaker of the House Newt Gingrich (R) and Rep. Bonnie Watson Coleman (NJ-D).
- Rider's award winning Model United Nations (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/government-politics-law/model-united-nations/) (MUN) team has received Outstanding Delegation (the highest award) ten out of the last eleven years. Students in MUN earn course credit while preparing to represent their delegation in an annual week-long conference at the United Nations in New York City.
- Washington Semester Program (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/government-politics-law/washington-semester/) provides students with the opportunity to intern in Washington, D.C. while taking courses at American University.
- Student Global Village® course GLS 285 allows students to take a semester long course virtually alongside students in Iraq, Northern Ireland, or another international university.
- Political Science faculty offer multiple teach-ins every semester, where they offer expert analysis of current events in politics. Students also lead teach-ins about their experiences outside the classroom, including Model UN.
- In addition to joining the Political Science Club, students are encouraged to join the College Democrats or College Republicans.

Our political science faculty members are active researchers and practitioners who bring their expertise into the classroom. Rider students find many opportunities to collaborate with faculty on research and to present their work at disciplinary conferences. Recent research areas include:

- the politics of gas and oil pipelines
- campaign finance and political corruption
- the role of Hip Hop for under-privileged migrant youth
- world opinion and the Northern Ireland Peace Process
- presidential politics and impeachment
- the role of compromise in American politics and political thought

The study of politics and government is an important part of a well-rounded liberal arts education. Studying political science and the liberal arts will enhance a student's skills in critical thinking, written and oral communication, and problem solving, which will serve them well in any career. More and more business leaders, including Rider alumni, report that they seek precisely these skills in potential employees.

Graduates in Political Science pursue a wide range of careers and public service opportunities, as well as advanced study, including:

- graduate and law school
- local and national politics and government
- international politics and IGOs (international governmental organizations)
- non-governmental organizations (NGOs)
- community and political organizing
- think tanks and policy analysis
- journalism
- business
- education
- Peace Corps and Teach for America

Student Learning Outcomes

Graduates of the Political Science major will be able to:

1. Explain political institutions, processes and behaviors, as well as their variation, in the US and around the world.
2. Apply core concepts and theories in political science to analyze and engage with real world political problems.
3. Conceptualize research questions, adopt appropriate methodologies, and collect and interpret qualitative and/or quantitative data to answer these questions.
4. Produce persuasive original arguments, based upon suitable evidence and in conversation with varying perspectives, in written work and/or oral communication.

Honors Program in Political Science

Political Science majors who have completed eight courses in political science with a cumulative average of 3.5 may request candidacy for graduation with honors in political science. Students should submit to the chairperson of the department early in their sixth semester (March 15 or October 15) an Independent Research and Study project signed by a faculty sponsor and approved by the department. Applicants typically enroll in POL 490 in their seventh semester, to develop a thesis proposal.

Upon approval, students then take POL 499 Senior Honors Thesis, for six credits, in the final semester. A substantive research work should be presented no later than April 1 or November 1 to a committee made up of the thesis advisor and two faculty members approved by the department.

Honors in political science is awarded upon the successful completion and oral defense of the thesis.

Degree Offered

- B.A. in Political Science

Contact

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Program website: Political Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/political-science/)

Associated Department: Government, Politics and Law Department (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/government-politics-law/)

Related Programs

- Communication Studies (p. 114)
- Criminal Justice (p. 132)
- Homeland Security Policy (p. 330)

Political Science Major Requirements

(42 credits)

Code	Title	Credits
Political Science		
POL 100	U.S. Politics in Crisis [1]	3
POL 102	Power, Politics and Justice	3
POL 202	The Political System - Theories and Themes	3
or POL 230	Methods of Political Analysis	
Select one course from each of the following subfields:		
Political Theory		**3**
POL 239	Modern Political Theory	
POL 308	Capitalism and Inequality	
POL 340	Modern Democracy and Its Critics	
POL 342	Contemporary Political Theory: Freedom and Authority	
POL 343	American Political Thought	
POL 345	Ancient Political Theory: Justice	
POL 346	The Politics and Ethics of Emergencies	
POL 303	Global Justice	
American Politics		**3**
POL 200	NJ Government and Politics	
POL 203	Homeland Security	
POL 235	Race and Ethnicity in American Politics	
POL 247	Political Campaigning	
POL 270	Interest Groups and Lobbying	
POL 281	Sex & Gender in U.S. Politics	

POL 305	Political Parties and Electoral Behavior	
POL 312	Congressional Politics	
POL 313	American Presidency	
POL 314	Congressional Power and National Security Policy	
POL 316	Presidential Power and National Security Policy	
POL 326	Power in American Politics	
POL 335	Urban Politics	
HLS 204	Development and Structure of the US Intelligence Community	
Law and Public Policy		**3**
POL 201	Policy Issues, Advocacy, and Budgeting	
POL 205	Introduction to Public Policy	
POL 206	Healthcare Regulation and Governance	
POL 260	Politics of Law and Order	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 325	Public Administration	
POL 327	Contemporary Issues in American Public Policy	
POL 328	Environmental Politics	
POL 361	Courts, Judges and Politics	
Comparative Politics		**3**
POL 216	Comparative Political Systems	
POL 255	European Politics	
POL 302	Insurgency	
POL 318	Conflict Resolution	
POL 319	Terrorism, Revolutions and Political Violence	
POL 320	Politics of the Middle East	
POL 322	African Politics	
POL 329	Comparative Environmental Policy	
POL 330	Geopolitics of Energy	
POL 363	Human Rights in Global Context	
POL 365	Politics of the Developing World	
POL 367	Global Immigration	
International Relations		**3**
POL 215	Global Politics	
POL 225	Nationalism in World Politics	
POL 280	Sex & Gender in International Politics	
POL 311	Borders and the State	
POL 315	Global Issues	
POL 317	Model United Nations	
POL 321	International Law	
POL 371	The Arab-Israeli Conflict	
POL 350	U.S. Foreign Policy and Security Policy	
POL 351	Critical Views of Global Security	
POL 368	International Organizations	
Five political science electives, four of which must be at the 300 or 400 level		**15**
Capstone		
POL 450	Seminar in Poltical Science	3
or POL 399	The Co-operative Experience	
Total Credits		**42**

1

Must be taken in the freshman year.

Political Science Minor Requirements

(21 credits)

Code	Title	Credits
POL 100	U.S. Politics in Crisis	3
POL 102	Power, Politics and Justice	3
Five political science electives, three of which must be at the 300-level		15
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
POL 102	Power, Politics and Justice	3
HIS 150	World History to 1500	3
Foreign Language 1 of 2 [1]		3
	Semester Credit Hours	**15**
Spring Semester		
POL 100	U.S. Politics in Crisis (Social Perspectives 1 of 2) [3]	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Scientific Perspectives 1 of 2		3
Foreign Language 2 of 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
Choose one of the following:		**3**
POL 239	Modern Political Theory	
POL 342	Contemporary Political Theory: Freedom and Authority	
POL 343	American Political Thought	
POL 345	Ancient Political Theory: Justice	
Social Perspectives 2 of 2		3
Philosophical Perspectives		3
Scientific Perspectives 2 of 2		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15**
Spring Semester		
POL 230	Methods of Political Analysis	3
Choose one of the following:		**3**

POL 205	Introduction to Public Policy	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 325	Public Administration	
Aesthetic Perspectives: Fine Arts		3
Two Elective Courses [2]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
Choose one of the following:		**3**
POL 312	Congressional Politics	
POL 313	American Presidency	
POL 325	Public Administration	
POL 326	Power in American Politics	
Upper Level Political Science (POL) Elective		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
Spring Semester		
Choose one of the following:		**3**
POL 216	Comparative Political Systems	
POL 320	Politics of the Middle East	
POL 329	Comparative Environmental Policy	
POL 365	Politics of the Developing World	
Upper Level Political Science (POL) Elective		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
POL 491	Internship in Political Science	3
Choose one of the following:		**3**
POL 215	Global Politics	
POL 225	Nationalism in World Politics	
POL 311	Borders and the State	
POL 367	Global Immigration	
Upper Level Political Science (POL) Elective		3
Two Elective Courses [2]		6
	Semester Credit Hours	**15**
Spring Semester		
POL 450	Seminar in Political Science (Required)	3
Upper Level Political Science (POL) Elective		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

One Social Perspectives General Education Requirement is included in the major.

Courses and Descriptions

POL 100 U.S. Politics in Crisis 3 Credits
It often seems like the American government achieves little other than stoking political animosities amongst the American people. We see daily news stories about gridlock, polarization, partisanship, and corruption. This course introduces students to the basic principles of the U.S. constitutional system and how they are served by the three branches of government, paying special attention to the democratic process, vital public issues, and civil rights and civil liberties. Students will gain a critical understanding of the function and dysfunction in American politics and government, as well as concrete ideas about what can be done about it. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 102 Power, Politics and Justice 3 Credits
Who gets what, when, why, and how? The study of politics and government is, essentially, a study of power and justice. This course introduces students to major ideologies and political theories, systems of government (ranging from presidential to parliamentary to authoritarian), public opinion and political behavior, international relations and war, and contemporary policy issues. Students will learn how to evaluate political institutions and actors in terms of how power is distributed and exercised, and when (and why) justice is and is not achieved. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 200 NJ Government and Politics 3 Credits
Political institutions, processes, and problems of state and local governments of New Jersey. Analysis of legislative, executive, judicial, regulatory bodies, special districts, and autonomous agencies. Aspects of personnel, finance, and services, as well as political parties and elections.

POL 201 Policy Issues, Advocacy, and Budgeting 3 Credits
Surveys various domestic economic and social policy issues, the government budgeting process, and how citizens and groups advocate their interest through organizing, coalition-building and lobbying. Emphasis on developing practical skills in issue analysis, lobbying, legislative tracking, and public budgeting.

POL 202 The Political System - Theories and Themes 3 Credits
This course serves as a gateway to the subfields of comparative politics and international relations. The concept of the political system helps political scientists to organize political interrelations into patterns that allow systematic selection and interpretation of information and the study of processes and outcomes of politics in a variety of settings. The course introduces students to the main brands of normative theory prescribing the principles directing the operation of the political system, to some of the most important methods used to compare political systems and/or their components, and to the foremost approaches utilized in the study of the relations between political systems and their environments. Note: This course is cross-listed as HLS 202. Students may not get credit for both POL 202 and HLS 202.

POL 203 Homeland Security 3 Credits
The course is designed to help students increase their knowledge and understanding of homeland security policy. The course will consider why and how homeland security problems impact the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. The course will primarily examine policy making at the national level in the United States, but will also analyze examples at the state and local level, as well as placing U.S. policy in a comparative perspective. Note: This course is cross-listed as HLS 203. Students may not get credit for both HLS 203 and POL 203.

POL 204 Development and Structure of the US Intelligence Community 3 Credits
This course provides a historical review of intelligence following World War II. It will examine the major functions of intelligence, as well as intelligence as a part of the foreign policy process: collection, analysis, counterintelligence, and convert action. Students will be introduced to a range of collection procedures: human, open source, electronic, photographic, and signal, with emphasis placed on interpreting and writing intelligence summaries. Note: This course is cross-listed as HLS 204. Students may not get credit for both POL 204 and HLS 204.

POL 205 Introduction to Public Policy 3 Credits
The course provides students with an introduction to the study of public policy by linking the theoretical with the practical. The course focuses on three areas of analysis: 1) descriptive 2) evaluative and 3) prescriptive. Students will develop skills required to define and critically examine policy problems, articulate relevant decision-making criteria and assess alternative policy options. Last the course provides examples of public policy problems through the substantive policy areas of health, environment and education.

POL 206 Healthcare Regulation and Governance 3 Credits
Health Regulation and Governance explores the institutions, processes and actors involved in governing and regulating the healthcare system in the US. The course engages the topic through the lens of federalism by examining the role of the Executive, Legislative and Judicial branches of government in regulating and governing healthcare at the national level as well as the role of the states in this policy area. Students will not only be introduced to the structure of regulation and governance of healthcare in the US, but will also be able to contextualize contemporary issues in healthcare in order to not simply addresses problems in the sector, but to also begin to identify solutions to issues that impact the population.

POL 210 Public Opinion 3 Credits
Public opinion as a social force and as expression of public sentiment on political and social issues. Topics include: development and dissemination of opinions, the measurement of public opinion, public opinion and governmental processes, and the reciprocal relationship between mass media and public opinion.

POL 215 Global Politics 3 Credits
The struggle for power, wealth, and order at the global level involving nation-states, intergovernmental organizations (such as the United Nations, the European Union, etc.), non-governmental organizations, transnational enterprises and other non-state entities, using military, economic, diplomatic, legal, and communication instruments. Overview of global problems such as the proliferation of weapons of destruction, ethnic and religious conflicts, human rights, and the global environment in the 21st century.

POL 216 Comparative Political Systems 3 Credits
A general introduction to types of government and political regimes of the world as they try to cope with the dual challenge of ethnic micropolitics and transnational globalization. Major prototypes of democracy: the British parliamentary system, the American separation of powers system, and various combinations of these two. Traditional autocracy, totalitarian dictatorships, and late 20th-century authoritarian regimes. Students are expected to acquire in-depth knowledge of comparative political systems, and to develop a basic understanding and appreciation of the major concepts and themes in comparative political systems studies.

POL 220 Terrorism & Counter Terrorism 3 Credits
This course introduces students to the arguments about the definition of terrorism, the historical use of terrorism and the roles of ideology, religion, and psychological factors that help explain and predict it. The course seeks to identify the components of national security policy aimed at countering such elements and their cost, both in financial and civil right terms. Finally, to illuminate both the definition and the policies discussed, the course will offer brief comparisons with other states, especially Israel, the UK, and Russia. Note: This course is cross-listed as HLS 220. Students may not get credit for both HLS 220 and POL 220.

POL 225 Nationalism in World Politics 3 Credits
Nations and nationalism. An overview of nationalistic manifestations in the world today. Nations, states, nation-states. Multinational states, stateless nations. Imperialism, anti-imperialism; nativism vs. internationalism and globalism. Topics include nationalisms in the Holy Land; in the former Yugoslavia; in the former Soviet Union and its successor states; and economic Nationalism vs. Globalization.

POL 230 Methods of Political Analysis 3 Credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 239 Modern Political Theory 3 Credits
A survey of the most significant political thought from Hobbes through Mill and Marx. Subject matter includes the social contract and discussion of such questions as the nature of freedom, natural law and right, political obligation, justice, and form of regime.

POL 247 Political Campaigning 3 Credits
This course entails the study of campaigning for political office at the federal, state and local levels in the United States. While attention will be given to how the broader political environment and specific factors, e.g., partisanship, hot button issues, local interests, and money, affect the nature of campaigns, the course's primary focus will be on how to organize and conduct a successful and ethical campaign, including how to collect and analyze pertinent data, manage a staff, develop a communications plan, including social media, and get out the vote.

POL 255 European Politics 3 Credits
A comparative analysis of the social and political systems of Britain, France, Germany and other Western countries within the European framework. Emphasis will be on the identification of ways in which countries similar in social characteristics are also similar in their political systems and on the extent and circumstances under which they differ. Similarities and contrasts will also be drawn with political structures and processes in the United States. This course, on occasion, may contain an optional travel component during January.

POL 260 Politics of Law and Order 3 Credits
The constitutional, legal, political, and administrative aspects of the criminal justice system in the United States are studied, including the court system at all levels of government, law enforcement agencies, correctional programs and institutions, probation, parole, and the relationship of our legal institutions to the broader political system.

POL 270 Interest Groups and Lobbying 3 Credits
The course will introduce students to the area of interest groups and lobbying. Topics to be covered include theoretical developments, methodological approaches of group formation, organizational maintenance, and strategies used to influence public policy in the executive, legislative, and judicial branches of government.

POL 280 Sex & Gender in International Politics 3 Credits
What's a student of political science, International Relations (IR), or another social science field to do about feminism? This is a question that has troubled IR for decades. While feminist debates engaged people in spaces outside the disciplines of political science and particularly IR, IR scholars did their best not to see the relevance of feminism for their own debates. That did not stop some feminists from rethinking key IR concepts like power, race and the state, but such contributions were largely ignored by IR scholars until very recently. It was only in the last decades, when feminist questions pushed their way onto the IR agenda through books, journals, and conferences, that feminism suddenly seemed attractive to IR scholars. Designed as an interdisciplinary course with a strong reference to Global and International Politics, this course will provide a basic introduction to some of the major global questions as seen through a feminist lens.

POL 281 Sex & Gender in U.S. Politics 3 Credits
Legal traditions have long maintained that a "man's home is his castle," beyond the reach of the state (thereby ignoring "private" injustices like domestic violence). But the state has always found ways to justify some interventions in citizens' private lives, including legislation of abortion and homosexuality. The personal has always been political, as second-wave feminists rightly insisted in the 1960s. This course examines the intersection of private and public, looking at the ways in which sex, identity and sexuality are implicated in and shaped by politics and policy-making: including the gendered division of labor inside and outside the home; the politics of gender identity; the legislation and policing of sex, sexuality, marriage and families; and the challenges facing women who enter politics. We will ask provocative and pressing questions like: How do sex and sexuality intersect with race, class, disability, and more? Can women (or anyone) really "have it all"? What is the future of transgender rights in the U.S.? Why do women still make up only 20% of Congress? Do women lead differently? To answer these questions, we will turn to political theory, political science, public policy, legal studies, and more.

POL 285 The Student Global Village 3 Credits
This course involves deliberative discussions carried out internationally among college students using videoconferencing technology. The project involves a series of 12 weekly videoconferences between students at Rider University and students at the American University of Cairo, or another international university. Students will be provided with materials to supplement their knowledge of the other country, and to allow them to discuss chosen themes in depth. The students will be required to write papers that describe their attitudes and impressions of the other country at the beginning and the end of the project, and to summarize what they have learned based upon the conferences and readings. Short papers will be required each week to prepare the students for the videoconference theme of the week.

POL 290 Student Nobel Peace Prize Project 3 Credits
Students in this course will do extensive research on social justice issues throughout history and around the world. Working as partners with Notre Dame University in Louaize, Lebanon, Rider University students will make up a list of potential nominations for the Nobel Peace Prize to be awarded the following year. Through ongoing discussion all semester, and negotiating, the two campuses will pare down the list until only one name or organization is the final course choice. The students will then write a letter that nominates their candidate, it will be officially signed and sent to the Nobel Peace Committee in Oslo, Norway. This represents an official nomination for the Nobel Peace Prize, and will be considered by the committee in the following months.

POL 295 Special Topics in Political Science 3 Credits
For non-seniors who engage in serious research in political science. Topic to be approved by instructor and department chairperson.

POL 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as HLS 300. Students may not get credit for both HLS 300 and POL 300.

POL 301 Civil Liberties in the U.S. 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as HLS 301. Students may not get credit for both HLS 301 and POL 301.

POL 302 Insurgency 3 Credits
The course explores the occurrence of insurgencies and civil wars. It examines the causes of such conflicts by focusing on the role of resources, state capacity, ethnic/religious differences and power in the initiation of violence. Students will learn how recruitment tactics and access to funding sustain guerrilla warfare. Lastly, the course will focus on conflict management by emphasizing specific tools for terminating and preventing intrastate conflicts including the impact of international interventions, counterinsurgency strategy of winning the hearts and minds, institutional design, and reconciliation.

POL 303 Global Justice 3 Credits
This course examines some of the most vexing problems in today's world of global interconnectedness. How can we harness the potential of global cooperation to solve problems that cross national borders? We will critically analyze the potential for human rights to protect vulnerable individuals, including victims of human trafficking. We will also evaluate the distribution of global resources and costs, including natural resources, extreme poverty and environmental degradation. What do we owe those who live in distant lands? Throughout we will ask how reality matches up to our best hopes for the present and future.

POL 304 Political Behavior: Fear, Risk and Crisis 3 Credits
The course focuses on various analytical approaches in behavioral political science. It does so by advancing students' knowledge of the cognitive aspects of whether citizens engage in various types of political behavior-e.g., voting/non-voting, the formation of political partisanship and ideology, issue perceptions, responding to risk and uncertainty in the political environment, and engaging in civic political participation. Note: This course is cross-listed as HLS 304. Students may not get credit for both POL 304 and HLS 304.

POL 305 Political Parties and Electoral Behavior 3 Credits
The structure, character, and functions of U.S. political parties and pressure groups, and their impact on public policy. Parties are analyzed within the broader scope of organizational theory and comparative party systems. Major emphases on their historical origins, their role in contemporary political life, and particular aspects of party politics--local organization, membership, campaigning and elections, policy-making roles, and leadership.

POL 306 American Political Film 3 Credits
This course analyzes the structure, history, and impact of the genre of political film. It begins with a discussion of how one distinguishes a political film from other forms of cinema. It then proposes insights into the manner in which these films evoke a particular time and place in politics, affect the viewer's interpretation of a political event or figure, and have an effect upon a viewer's political perceptions or behavior. The student will also learn to review films critically, both as political statements and as effective (or ineffective) conveyors of political messages.

POL 307 Political Communication 3 Credits
The meaning and uses of political communication are examined, the manner and forms such communication takes, and the history of political discourse. Major topics include the role of communication in elections and the development of public policy, how political communication strategies have changed with the rise of mass media, and the development of national and international publics for discourse.

POL 308 Capitalism and Inequality 3 Credits
This class is about market economies: how they are theorized, how they operate, and how they affect the humans who live and work within them. The first part of this course offers an overview of major modern theorists of capitalism (with selections chosen for a political science audience), including Smith, Veblen, Schumpeter and Keynes. These thinkers have made influential contributions to debates about the proper role of government in regulating and shaping economic relations and conditions. We then turn to contemporary theories of distributive justice, including libertarianism and egalitarianism. The second half of the course explores realities of socioeconomic inequality, the experience of poverty in the U.S., as well as the kinds of policies which might alleviate or resolve various dimensions of inequality and poverty. This course prepares students to evaluate public policies and articulate policy positions while attending to their economic and human costs.

POL 310 Political Psychology and Human Nature 3 Credits
The 2016 presidential campaign season saw a marked increase in partisanship, polarization, animosity and resentment among Americans, mirroring a worldwide trend toward "tribalistic" group identification at the expense of outsiders. Why can't we all just get along? What makes it so hard to sympathize with those who seem different or unfamiliar, and so easy to assume the worst about them? This course will bring together classic political theory, psychology and the social sciences, in order to help explain political beliefs and behaviors. We will begin by considering how classic political theory has conceptualized human nature, and the various implications for political life. We will then consider scientific perspectives: evolutionary anthropology, social psychology and cognitive neuroscience. We will examine the role of bias in cognition and politics and we will critically interrogate assumptions about rationality. We will also see that different psychological dispositions underlay conservatism and liberalism. Ultimately, this course will consider how these features of human cognition shed light on partisanship and polarization, racial bias, and policy preferences, including popular reception of science concerning vital issues such as climate change and the safety of GMOs. We will conclude with considerations of how a better understanding of psychology might propel us toward a more productive political discourse.

POL 311 Borders and the State 3 Credits
Borders have a prominent place in politics and human history. In the twentieth century, the best- known barriers were the militarized Maginot Line and the Iron Curtain. Today, the political popularity of borders persists but the nature and quality of these borders and the threats they were created to repel have changed. Modern borders are designed not to keep militaries out, but to deter a perceived invasion of "undesirables"— with terrorists and unwanted immigrants leading the list of state concerns. Nowhere is this more evident than along the geographic fault lines dividing rich and poor regions, e.g. the Mediterranean Sea and the U.S.-Mexican border region. This course will examine the dynamic interactions between the question of how to govern borders and the twenty-first century liberal state with its diluted sovereignty— due to immigration, trade and international laws and regimes.

POL 312 Congressional Politics 3 Credits
An intensive analysis of the legislative process in the United States, considering both the internal organization and operation of Congress, and Congress' role in the broader American political system. Fundamental issues include the theory and practice of representation; the committee system, seniority and expertise; executive and legislative interaction; and the politics of congressional reform.

POL 313 American Presidency 3 Credits
A description and analysis of the American presidency: its historical development, the internal organization, and ecological context. Basic issues include the intent of the framers of the Constitution, the historical accumulation of presidential powers, and institutional limits on presidential power (e.g., Congress and the bureaucracy).

POL 314 Congressional Power and National Security Policy 3 Credits
The purpose of this course is for students to identify, examine, analyze, and interpret the role of Congress in shaping national security policy with a particular emphasis on the institution's role in the Global War on Terror. Particular attention is paid to the role of the US government being able to balance individual rights and liberties within the national security state. Last, the course also takes an in-depth analysis of the U.S. Congress, looking comparatively at how legislatures in other nations have dealt with crafting their own security policies. The course will address the following questions: First, what is the role of Congress in national security policy, what does it do, and why? Second, what are the various ways of studying the relationship between the legislative and executive branches of government in the US system as it relates to the Global War on Terror? Note: This course is cross-listed as HLS 314. Students may not get credit for both HLS 314 and POL 314.

POL 315 Global Issues 3 Credits
Military, economic, demographic, and environmental threats to global security in the post-Cold War era. Forces of transnational integration vs. forces of intrastate fragmentation. Inadequacy of international law and organization to deal with these problems within the confines of the sovereign nation-state system.

POL 316 Presidential Power and National Security Policy 3 Credits
This course examines the development of the National Security State since the Second World War, and the ways in which it has affected, and been affected by, the Federal Executive. Topics to be covered will include the post-World War II redefinition of "national security", the Cold War (with a special focus upon war powers during Korea and Vietnam) and the changes that have occurred with the "War on Terror." Note: This course is cross-listed as HLS 316. Students may not get credit for both POL 316 and HLS 316.

POL 317 Model United Nations 3 Credits
Model United Nations (POL 317) is the course that prepares Rider University's award-winning Model United Nations (MUN) team for the annual National MUN competition in New York City. The team has brought home top awards for the past decade and continuously strives for excellence. POL 317 is a student-led course that hones writing, public-speaking and researching skills of student-delegates and it represents student engagement at the highest level. Chosen through a rigorous selection process in the fall semester, the student-delegates write position papers during the winter break, and develop caucusing, team-working, and presentation skills in class during the spring semester. During the past five decades, Rider University's MUN team has represented more than 50 countries, and competed with thousands of delegates from national and international universities. It is one of the premier engaged learning and cohort-building institutions on campus.

POL 318 Conflict Resolution 3 Credits
How do you craft a peace deal in a war-ravaged environment? Can negotiations with rogue regimes succeed and prevent the onset of conflict? With massive casualties, and unspeakable human rights abuses, conflicts continue to present a challenge to people around the globe. In this course, we will explore the dynamics of conflict management designed to keep countries from waging violence against each other. Our focus is both on ending existing violent conflicts and on preventing escalation of tensions. We will explore the impact of mediators and external interventions by international organizations or individual countries on conflict management. We will also examine the role of the International Court of Justice in resolving disputes when direct negotiations fail to succeed. Finally, we will study existing peacebuilding efforts designed to improve relations among victims and killers in post-conflict environment. Insights from theory on commitment problems will help us understand why peace is more vulnerable in domestic than in international conflicts. Throughout the semester, we will rely on various case illustrations from international and domestic conflicts, and participate in a simulation activity that will allow us to assume the roles of negotiators in disputes.

POL 319 Terrorism, Revolutions and Political Violence 3 Credits
Revolutions are the mad inspiration of history. Trotsky's characterization calls attention to three important dimensions of violent political participation: the historical settings, ideology, and emotional fervor of the practitioners. The course focuses on these dimensions by analyzing revolutionary and terrorist movements in the 20th century. Special attention is given to the use of violence in the post-Cold War new world disorder.

POL 320 Politics of the Middle East 3 Credits
The course emphasizes the relationships between social and political structures, the role of religion, and the problems of modernization in the Middle East. Similarities and contrasts will be drawn between the Arab and non-Arab countries of the Middle East. The political systems of Egypt, Syria, Israel and Saudi Arabia are examined in terms of political culture, structure, and political processes.

POL 321 International Law 3 Credits
This course covers the basic doctrines of international law and their relationship to the contemporary international community. These include the jurisprudence of international law; the history of the international legal system; customary international law; Treaty law; sovereignty, statehood and recognition; jurisdiction and immunities; the role of international organizations; international criminal responsibility; and the relationship of the international legal system to the U.S. domestic legal system. The objectives of international law are to foster the peaceful settlement of disputes; facilitate transnational communication and commerce; encourage respect for human rights; as well as to preserve the environment.

POL 322 African Politics 3 Credits
Africa is in a process of transition, a continent of growing strategic importance to the U.S. and a land with considerable variation in political and economic success. The course is an introduction to the politics of sub-Saharan Africa. To understand the continent's current challenges, the course examines the legacies of colonial rule, including colonial mark on the politics of ethnicity; focuses on the rise of authoritarianism in Africa in the 1970s and 1980s; examines the success and failure of democratization that is transforming the continent today; embarks on the quest to understand the continent's struggle with poverty and debt. Lastly, the course explores some of the biggest obstacle to Africa's stability, including state collapse, wars, corruption, while contemplating the future that lies ahead.

POL 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens' behavior. Note: This course is cross-listed as HLS 325. Students may not get credit for both HLS 325 and POL 325.

POL 326 Power in American Politics 3 Credits
Examines various explanations of who has power in American politics. Explores the roles of appointed and elected officials, business and interest groups, the media, and the general public in shaping public policy. Special attention to political change, including the impact of broad social movements on the responsiveness of the political system.

POL 327 Contemporary Issues in American Public Policy 3 Credits
An in-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 329 Comparative Environmental Policy 3 Credits
Comparative Environmental Policy analyzes cross-national approaches in developing, implementing, and evaluating policy responses to environmental problems. The course analyzes the political factors, actors, and tools that help and explain why some societies have been more likely to develop effective responses to environmental threats.

POL 330 Geopolitics of Energy 3 Credits
Geopolitics of Energy Security explores the role of energy in shaping global politics, natural resource management practices and volatility in economic markets. The course begins with an overview of energy security and explores issues associated with energy production, national security, energy consumption, and environmental conservation. Throughout the course students will become familiar with basic data, trends, issues and options in the exploration and production of renewable and non-renewable energy sources.

POL 331 Political Corruptions 3 Credits
This course will introduce students to one of the central political issues in the USA as well as abroad: corruption. Whereas this was considered in earlier days as ' temporary malady' of third world systems, today it is considered a pervasive phenomenon in democratic systems as well . As such it acquired widespread scholarly as well as public attention in established democracies such as the USA (at least since the elections of 2016). The course will utilize a range of approaches to examine the meaning of corruption, the link between what the law defines as corruption and what is understood by the term by broad publics, the interaction between both conceptions and system legitimacy, and the methods by which corruption may be contained.

POL 335 Urban Politics 3 Credits
Political structure and administration of municipalities in the United States. Emphasis on challenges posed by suburbanization, global and regional shifts in business, economic dislocation, housing, mass transportation, race relations, and policing.

POL 340 Modern Democracy and Its Critics 3 Credits
The course examines the fundamental assumptions underlying modern democratic theories and the main theoretical attacks launched against them. Among the contending theories to be discussed are right and left-wing anarchism, the old and the new left, fascism, intellectual elitism, and techno-conservatism.

POL 342 Contemporary Political Theory: Freedom and Authority 3 Credits
Concepts of freedom and authority in 19th and 20th-century political theory. Emphasis on such important thinkers as Nietzsche, Freud, Sartre, Camus, and Marcuse.

POL 343 American Political Thought 3 Credits
The philosophical background and moral principles of American political society: liberty, equality, natural law and natural right; constitutionalism and nation-building. The development of the ideologies of liberalism, conservatism, and libertinism are also covered.

POL 345 Ancient Political Theory: Justice 3 Credits
The existence of society over time requires high degree of predictability and hence laws, whether explicit or implicit. These derive their capacity to regulate life from the widespread notion that they are proper and that they should be obeyed. In a word, they accord to our notions of justice. These, however, are not stable. Resting on the understandings of man, society, nature and the relations between them, they develop under the impact of human thought and changing realities. The result is what can be compared to a layered cake. This course treats some of the main contributions made by philosophers from Plato to Rawls to our concept of justice and the manner by which they have shaped our concepts of justice in the US and West in general. Cases in which courts (mainly the US Supreme Court) made use and applied the thinking of earlier philosophies of justice will illustrate the process by which we adjust the boundaries between legality and criminality and determine how we should behave towards each other.

POL 346 The Politics and Ethics of Emergencies 3 Credits
This course examines historic and present day cases, ranging across Europe and the US, in which liberal democratic governments, under stress because of subversion, sabotage, invasion, rebellion, or the effects of economically caused chaos, take on emergency powers to become so-called "states of exception." While in some cases such states have imposed mild and limited emergency measures, others have employed more draconian measures, suspending, if not dissolving, constitutionally guaranteed civil liberties, often for indeterminate and protracted periods. How various states have behaved in emergency situations will be the major content of this course. Note: This course is cross-listed as HLS 346. Students may not get credit for both HLS 346 and POL 346.

POL 350 U.S. Foreign Policy and Security Policy 3 Credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation's military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold World War. Note: This course is cross-listed as HLS 350. Students may get credit for only one.

POL 351 Critical Views of Global Security 3 Credits
This course will examine the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspective on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survial, to societal security, to unit level-variables such as Human Security. Note: This course is cross-listed as HLS 351. Students may not get credit for both HLS 351 and POL 351.

POL 361 Courts, Judges and Politics 3 Credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges. Note: This course is cross-listed as HLS 361. Students may not get credit for both POL 361 and HLS 361.

POL 363 Human Rights in Global Context 3 Credits
Human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as HLS 363. Students may not get credit for both HLS 363 and POL 363.

POL 365 Politics of the Developing World 3 Credits
Studies the major political issues of the so-called "developing" world. Particular reference to political systems of Africa, Asia, Latin America, and the Middle East according to the relevance of the examples to large conceptual issues, and according to the major interests of the instructor. Typical issues include neocolonial dependency, the role of the state in newly developed countries, military rule and democratization.

POL 367 Global Immigration 3 Credits
This course analyzes mass migrations and refugee movements and what they mean for the stability of nations, the increasing potential of severe culture clashes within societies, and the root causes of (forced) migration movements, such as problems of violence, terror and genocide, as recently seen in Darfur, Rwanda and Bosnia. In certain European countries the frequently failed integration and assimilation policies resulted in an Islamic alienation; terrorist attacks and race riots are some of the consequences. Particular attention will be given to the conflict between the refugees' and migrants' needs that result from violent, socio-economic or ecological catastrophes in the countries of origin and the various forms of reception within the host countries. Students will explore theoretical, political, legal, and socio-economic dimensions of the refugee and immigration phenomena in a global world. Other themes will include international human rights and refugee laws, theories of immigration, for example, the feminization of migration, as well as problems of acculturation, assimilation and integration in different host societies.

POL 368 International Organizations 3 Credits
This course introduces students to the study of international organizations. The course examines mostly formal and governmental institutions as well as informal institutions or regimes. Topics to be covered include and are not limited to: the establishment of international organizations, evolvement of international organizations, structure of international organizations, decision-making of international organizations and influence of international organizations. This course employs both theoretical and practical approaches in its examination of international organizations.

POL 371 The Arab-Israeli Conflict 3 Credits
The course will begin by introducing the main players: the neo-patrimonial Arab regimes on the one hand, and the democratic, economically modern Jewish sector in Palestine on the other. The analysis will focus on the impact of the social, economic, political and religious differences between the sides on their conception of the conflict among the participants and powers outside the region. The course will concurrently examine the impacts of the dynamics of the conflict itself, relations within Islam on the one hand and between Islam and the West on the other. The latter part of the course will consider the sources of perceptual shift that led simultaneously to the narrowing of the conflict with the withdrawal of some of its participants (most Arab states) and its widening with the addition of Al Queada and Iran (via Hezbullah).

POL 399 The Co-operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. IND 398 and (dept.) 399 combined cannot exceed 15 credits. Pass/fail. Prerequisite(s): junior standing and 2.75 GPA at the time of registration.
Corequisite(s): IND 398 The Co-operative Experience Seminar.

POL 450 Seminar in Political Science 3 Credits
A multidimensional framework within which to integrate the variety of perspectives and methodologies extant in the field of political science. Topics for discussion and analysis may range from broad concepts of political discourse such as power and interdependence to specific political issues such as executive-legislative relations and judicial policymaking.

POL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

POL 491 Internship in Political Science 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of fieldwork per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

POL 499 Senior Honors Thesis 3-6 Credits
Majors having completed the department's core requirements and having a minimum GPA of 3.5 in political science courses may apply for honors in their sixth semester. Applicants enroll in POL 490 Independent Research and Study in their seventh semester to develop and submit a thesis proposal to the department. With departmental approval, applicants prepare an honors thesis in their last semester. Upon acceptance of the thesis by the department, the student will be graduated with honors in political science.

Popular Music Studies Minor

Overview

The Popular Music Studies minor provides students with a strong grounding in the history of popular music with a focus on the US and UK. Students in the minor will study not only the history of rock, pop, jazz, and other genres but also the social and political contexts that shaped the sound of the music over time. The minor blends survey courses with seminar-style deep dives into some of the most influential musicians of the last century, from the Beatles to Radiohead to Bruce Springsteen.

Degree Offered

- Minor in Popular Music Studies

Contact

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Program Website: Popular Music Studies (http://www.rider.edu/academics/colleges-schools/westminster-college-of-the-arts/school-of-fine-performing-arts/undergraduate-programs/popular-music-culture/)

Associated Department: Performing Arts

Related Programs:

- Arts and Entertainment Industries Management (p. 39)
- Music Studies (p. 423)

Popular Music Studies Minor Requirements

(18 credits)

Code	Title	Credits
Required Courses		**12**
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 213	Digital Composition of Popular Music	
MUS 313	Digital Synthesis	
Electives		**6**
Select at least one of the following:		
MUS 113 & 113L	Popular Music Theory I and Popular Music Theory Lab I	
MUS 114 & 114L	Popular Music Theory II and Popular Music Theory Lab II	
MUS 220	Songwriting	
MUS 221	Popular Music Arranging	
MUS 316	Digital Mixing and Mastering	
Select no more than one of the following:		
MUS 304	Music of the Beatles	
MUS 307	The Music of Radiohead	
MUS 308	World Music	
MUS 311	Unpacking Bruce Springsteen	
Total Credits		**18**

Courses and Descriptions

MUS 106 Survey of Music History II 3 Credits
A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 204 Jazz History 3 Credits
Survey from 19th C. roots to 21st C. styles. Development of listening skills and overview of musical skills used by jazz performers. Exploration of the relationship between jazz and poetry, race relations, and the reputation of jazz in popular culture.
Prerequisite(s): CMP 120 or CMP 125.

MUS 205 History of Pop and Rock Part I 3 Credits
This course charts the history of popular music from its origins until the 1960s. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music from its roots in the blues, early jazz, ragtime and military band marches to the music of Elvis, Chuck Berry, Little Richard, Buddy Holly, the Rolling Stones and the Beatles. We look at the recording industry and the advent of he gramophone record and the important role of radio and television in expanding the reach of popular music directly into the home, creating a vibrant soundtrack for peoples lives.

MUS 206 History of Pop and Rock Part 2 3 Credits
Description: This course charts the history of popular music from the 1960s to todays. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music through Acid Rock, Progressive (Prog) Rock, Hard Rock, Singer-Songwriters, Disco, Reggae, Funk, Punk, Heavy Metal, New Wave, Grunge, Electronica and Rap & Hip-Hop. We look at the development of analog and digital media and how new forms of delivery of product shapes the business model of the industry and beyond.

MUS 208 Music of the Theater 3 Credits
A study of music drama both historical and contemporary covering European opera of the Baroque, classical and romantic periods, and the American musical theatre, especially the contemporary Broadway musical.

MUS 209 Great Composers 3 Credits
A study of selected major composers life, works, and historical significance with an emphasis on the listening experience. Bach, Mozart, Beethoven, Tchaikovsky, Stravinsky, or others.

MUS 212 Cartoon and Anime Culture 3 Credits
This course investigates the music and culture of animated films and television shows, anime, animated shorts including cartoons, and related incidental music for documentary films.

MUS 214 Writing about Music 3 Credits
This course instructs students in the art of writing about music, from small-form criticism to large scale scholarship, focusing especially on the ability to translate what one hears into engaging prose.
Prerequisite(s): CMP 120 and 125, MUS 110, 110L, and MUS 213.

MUS 215 Music & Technology in a Mobile Society 3 Credits
This course compares the recent history of music technology to past innovations, focusing on the aesthetic implications and ideological influences of an increasingly mobilized musical milieu.

MUS 218 Postmodernism & Popular Culture 3 Credits
This course considers music in light of the ideological trends of postmodernism in order to better understand contemporary music in its cultural context.

MUS 300 Beethoven and the Romantic Age 3 Credits
A study of the Romantic period with particular emphasis on Beethoven. The classical heritage, the transformation of that heritage into romantic terms, the prominent influence of Beethoven on 19th century musical style.

MUS 304 Music of the Beatles 3 Credits
This course is a very in-depth analysis of the music and personalities of the Beatles. The student will gain in depth insight to the Beatles songs and albums as the course proceeds through the music chronologically. This will be contextualized historically and sociologically where required.

MUS 306 Contemp Music Experience 3 Credits
A survey of European and American musical styles of the late 19th and 20th centuries. Topics include postromantic music, neoclassicism, serialism, electronic music, and the current avant garde.

MUS 307 The Music of Radiohead 3 Credits
This course investigates the music, lyrics, art and marketing strategies of the British so called "alternative" band, Radiohead, moving song by song through their demos, videos and albums.

MUS 308 World Music 3 Credits
To understand world music as a means of appreciating and respecting our common inheritance as humans. To better understand in what ways music is a 'language' and how this functions within 'community' including aspect of ritual, celebration, religion and spirituality. The student will be expected to be able to discern between various genres of world music understanding the wider cultural context including, but not limited to, popular music within that same culture.

MUS 309 Film Music 3 Credits
A study of music in feature film, documentary film, and television. A chronological survey of film music from silent to contemporary film, animated shorts, and television, with emphasis on listening to recorded performance of representative works.

MUS 310 The Film Music of Stanley Kubrick 3 Credits
This course is an in-depth study of the way in which music impacts society through the art of film. Focusing on the films of Stanley Kubrick (e.g. The Shining; 2001: A Space Odyssey; A Clockwork Orange; Full Metal Jacket; Eyes Wide Shut; Dr. Strangelove; Lolita) we will study a variety of strategies within which music integrates, counterpoints or ironically resists themes such as war, sex, politics, religion, gender etc. Also we will observe how music interacts with other aesthetics in film such as light, camera methods, 1. diegetic/source, 2. non-diegetic/underscore and 3. metadiegetic (i.e. 1. music in the film; 2. music only the audience can hear; 3. music that seems to be coming from the mind of a character in the film) method as part of the narrative itself. In this way we will investigate the way film both integrates aspects of society and also radiates messages, indeed challenges, to society, both as a mirror but also didactically—with the direct intent of creating change.

MUS 311 Unpacking Bruce Springsteen 3 Credits
This course will survey the music of Bruce Springsteen. It will 'unpack' Springsteen's musical development not only across his official career (i.e. from signing with Columbia for his first album 'Greetings from Asbury Park, New Jersey' in 1973 to the present) but also from his childhood through his youth in Freehold, NJ. By closely studying Springsteen's life, music and lyrics as well as the themes of each album the student will become an expert in understanding how The Boss was able to universalize the Jersey Shore as well as his personal concerns into vital musical messages of great value and import today. This will also involve looking at music as varied as The British Invasion (i.e. The Beatles, The Animals & the Rolling Stones et al); Motown; Country; Soul; Folk; Rock and the American Songbook.

MUS 315 Black Music in America 3 Credits
This course covers the history of music made by and/or about African Americans, from minstrel shows to hip hop and everything in between.

MUS 495 Selected Topics in Music 3 Credits
Studies specialized aspects of the literature, history, or theory of music, to supplement the established curriculum. Emphasis on creative investigative work and individual experiences in music.

Psychology

Program Overview

The psychology major is designed to meet the needs of various types of students and to develop a broad understanding of the many topic areas within the field of psychology.

The program is committed to helping students understand and appreciate both the scientific foundations and human service aspects of the field of psychology; develop and apply oral, written, analytical and critical-thinking skills applied to psychological issues, questions and problems; understand issues in contemporary psychology and recognize and apply psychological knowledge in order to provide solutions to real world problems and develop both interpersonal and intrapersonal knowledge through academic experiences and extra-curricular activities.

The program is designed to foster self-awareness and personal growth, the development of leadership skills and a respect and understanding for human development and human diversity.

More information is available on the Department's website: Department of Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/psychology-ba/)

Curriculum Overview

The curriculum develops the fundamental skills that predict success in the profession of psychology, human services, corporate jobs, education and graduate school. Classes stress the development of writing skills, both technical report writing and literature research papers and provide a range of instruction on the statistical data analysis, online control of laboratory experiments, text processing and presentation software. In fieldwork placements, students gain work experience in a variety of human services programs within the community.

Members of the psychology faculty encourage students to become involved in research projects. Many Rider psychology seniors bound for graduate school receive offers of substantial financial aid in the form of assistantships and tuition waivers. These offers are made because our majors carry out research of high quality. Students have coauthored journal publications with the faculty and presented papers at regional and national conferences. Laboratories are always open for students and faculty supervision is always available.

Student Learning Outcomes

1. **Theory:** Students will demonstrate knowledge of major concepts, theoretical perspectives, and empirical findings within psychology. Students will learn to apply the knowledge for solving real-world problems through participation in internships, community-based research, and/or leadership opportunities.
2. **Research:** Students will learn how to plan, conduct, and critically evaluate psychological research that promotes understanding of human behavior, diversity, and individual differences. Students will demonstrate the ability to communicate scientific concepts and results in written and oral form.
3. **Practice:** Students will develop interpersonal and intrapersonal knowledge that fosters self-awareness and personal growth, the development of leadership skills, and a respect and understanding of human diversity. Students will apply psychological content and skills to promote attainment of post-graduation goals.

Honors Program in Psychology

A student may receive honors in psychology by fulfilling the following conditions beyond the basic requirements for the psychology major: complete one Independent Research and Study project (490); earn a cumulative average of 3.25 and an average of 3.5 in psychology at the time of graduation.

Degrees Offered

- B.A. in Psychology
- Minor in Psychology

Contact

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Program Website: Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/psychology-ba/)

Associated Department: Department of Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departmentss/psychology/)

Related Programs

- Organizational Psychology (p. 436)
- Behavioral Neuroscience (p. 49)

Requirements for the Major

(50 credits)

Note: A grade of “C” or better is required in each Psychology course in order for the course to be counted toward the major.

Code	Title	Credits
Required Psychology Courses		**13**
The following four courses must be completed by all majors. The first three must be completed in the sequence they are listed:		
PSY 100	Introduction to Psychology	
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	
PSY 201	Statistics and Research Design	
PSY 292	Professional Development in Psychology	
Research Methods Course Requirement:		**4**
Select one of the following courses including the lab section. You must have already completed PSY 201.		
PSY 302/PSY 302L	Research Methods: Cognition	
PSY 303/PSY 303L	Research Methods: Social Psychology	
PSY 306/ PSY306L	Research Methods: Sensation & Perception	
PSY 329/PSY 329L	Research Methods in Organizational Psychology	
PSY 335/PSY 335L	Research Methods: Human Cognitive Neuroscience	
PSY 336/PSY 336L	Research Methods: Animal Learning & Behavior	
PSY 339/PSY 339L	Research Methods in Applied Behavior Analysis	
PSY 340/PSY 340L	Research Methods: Group Dynamics	
PSY 349/PSY 349L	Research Methods - Health Psychology	
PSY 350/PSY 350L	Research Methods: Developmental Psychology	
Pillars of Psychology - Lower-Level		
Select one course from each area: Students who choose to take a BHP course to fulfill a lower level pillar (i.e., BHP 212 or BHP 252) may only use ONE BHP course to satisfy ONE of the lower level pillar requirements.		
Biological Foundations of Psychology		**3**
PSY 238	Sensation and Perception	
PSY 255	Biopsychology	
Cognitive and Behavioral Psychology		**3**
PSY 225	Learning Theory	
PSY 226	Cognitive Psychology	
BHP 252	Creativity and Design Thinking	
Developmental Psychology		**3**
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
BHP 212	Children and the Media	
Mental and Behavioral Health		**3**
PSY 220	Psychological Disorders	
PSY 245	Stress, Health and Coping	
Social and Personality		**3**
PSY 215	Personality	
PSY 240	Social Psychology	
Upper-level Requirements Students who choose to take a BHP course to fulfill an upper level requirement or the Diversity Requirement (i.e., BHP 253, 302, 340, or 360) may only use ONE BHP course to satisfy ONE of the upper level requirements OR the Diversity Requirement.		12
Students must complete all Lower-Level Pillar Requirements above before moving to the Depth requirements below.		
Select four courses:		
PSY 305	Theories of Psychotherapy	
PSY 310	Introductory Counseling Skills	
PSY 315	Psychological Tests	
PSY 320	History of Psychology	
PSY 324	Play and Imagination	
PSY 325	Cognitive Development	
PSY 330	Developmental Disabilities	
PSY 333	Autism Spectrum Disorder	
PSY 334	Disabilities Across Cultures	
PSY 345	Health Psychology	
PSY 360	Psychology of Peace & Conflict	
PSY 365	Drugs and Human Behavior	
PSY 367	Creativity and Innovation	
PSY 372	States of Consciousness	
PSY 373	Cyberpsychology	
PSY 374	Psychology of the Family	
PSY 375	Psychology and Film	
PSY 377	Developmental Psychopathology	
PSY 379	Psychology and Law	
PSY 381	Psychology of Gender	
PSY 382	Aging, Brain, and Cognition	
PSY 383	Psychology and Culture	
PSY 384	Positive Psychology	
PSY 385	Death, Dying and Suicide	
PSY 386	Introduction to Child Life: Working with Children and Families in Healthcare Settings	
PSY 388	Learning and the Experimental Analysis of Behavior	
PSY 389	Professional Issues in ABA	
PSY 395	Special Topics in Psychology	
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology	
BHP 340	Nature and Nurture	
BHP 360	Moral Psychology	
Diversity Requirement:		**3**
Prerequisite: At least 55 credits or all lower-level Pillars are completed		
PSY 333	Autism Spectrum Disorder	
PSY 334	Disabilities Across Cultures	
PSY 374	Psychology of the Family	
PSY 381	Psychology of Gender	
PSY 383	Psychology and Culture	
BHP 253	A Cross-Cultural Comparison of Play	
Capstone Requirement:		**3**
Select one of the following options. You must have completed 90 credits for the course to count as a capstone experience. [2]		
PSY 400	Senior Seminar	

PSY 490	Independent Study: Research and Creative Expression
PSY 491	Internship in Psychology (Note: 105-139 hours = 3 credits, 140+ hours = 4 credits)
Electives	
Lower-level courses not included in the pillars. These courses do not count toward the major, but do count as elective credits for graduation.	
PSY 118	Psychology of Women
PSY 210	Organizational Psychology
PSY 212	Introduction to Applied Behavior Analysis
PSY 237	Cognitive Disabilities
PSY 250	Psychology of Aging
PSY 283	Sport Psychology
PSY 295	Directed Study in Psychology
Total Credits	**50**

[1]

Courses may count only once to satisfy the Departmental Requirement of 12 credits.

[2]

Students must have Senior status in order to select a Capstone course.

Psychology Minor Requirements

(18-22 credits)

Code	Title	Credits
Required Course		**3**
PSY 100	Introduction to Psychology	
Lower Division (Select two of the following courses)		**6-7**
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	
PSY 118	Psychology of Women	
PSY 201	Statistics and Research Design	
PSY 210	Organizational Psychology	
PSY 212	Introduction to Applied Behavior Analysis	
PSY 215	Personality	
PSY 220	Psychological Disorders	
PSY 225	Learning Theory	
PSY 226	Cognitive Psychology	
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
PSY 237	Cognitive Disabilities	
PSY 238	Sensation and Perception	
PSY 240	Social Psychology	
PSY 250	Psychology of Aging	
PSY 255	Biopsychology	
PSY 283	Sport Psychology	
PSY 295	Directed Study in Psychology	
PSY 299	Field Placement in Applied Behavior Analysis	
Upper Division (Select three of the following courses)		**9-12**
PSY 302 & 302L	Research Methods: Cognition and Research Methods: Cognition Lab (4 CR)	
PSY 303 & 303L	Research Methods: Social Psychology and Research Methods: Social Psychology Lab (4 CR)	
PSY 305	Theories of Psychotherapy	
PSY 306 & 306L	Research Methods: Sensation & Perception and Sensation & Perception Lab (4 CR)	
PSY 315	Psychological Tests	
PSY 320	History of Psychology	
PSY 324	Play and Imagination	
PSY 325	Cognitive Development	
PSY 329 & 329L	Research Methods in Organizational Psychology and Research Methods in Organizational Psychology (4 CR)	
PSY 330	Developmental Disabilities	
PSY 333	Autism Spectrum Disorder	
PSY 334	Disabilities Across Cultures	
PSY 335 & 335L	Research Methods: Human Cognitive Neuroscience and Research Methods: Human Cognitive Neuroscience Lab (with4 CR)	
PSY 336 & 336L	Research Methods: Animal Learning & Behavior and Animal Learning and Behavior Lab (4 CR)	
PSY 339 & 339L	Research Methods in Applied Behavior Analysis and Research Methods in ABA Lab (4 CR)	
PSY 340 & 340L	Research Methods: Group Dynamics and Group Dynamics Lab (4 CR)	
PSY 345	Health Psychology	
PSY 350 & 350L	Research Methods: Developmental Psychology and Developmental Psychology Lab (4 CR)	
PSY 360	Psychology of Peace & Conflict	
PSY 365	Drugs and Human Behavior	
PSY 367	Creativity and Innovation	
PSY 372	States of Consciousness	
PSY 373	Cyberpsychology	
PSY 374	Psychology of the Family	
PSY 375	Psychology and Film	
PSY 377	Developmental Psychopathology	
PSY 379	Psychology and Law	
PSY 381	Psychology of Gender	
PSY 382	Aging, Brain, and Cognition	
PSY 383	Psychology and Culture	
PSY 384	Positive Psychology	
PSY 385	Death, Dying and Suicide	
PSY 388	Learning and the Experimental Analysis of Behavior	
PSY 389	Professional Issues in ABA	
Total Credits		**18-22**

Accelerated Program in Applied Psychology

The Accelerated Program in Applied Psychology, Applied Behavior Analysis concentration, is designed for students who wish to combine undergraduate study in psychology leading to a Bachelor's of Arts degree with graduate study leading to a Masters of Arts in Applied Psychology.

The admission process for this program ensures that only capable students are enrolled. Freshman students are encouraged to seek advice about the program from their advisor and the program coordinator.

The following courses must be completed if the student intends to apply to the program: PSY 212 Introduction to Applied Behavior Analysis and PSY 299 Field Placement in Applied Behavior Analysis. PSY 299 is intended to assist the student in determining if the program is a good match for them. The additional undergraduate courses in Applied Behavior Analysis (PSY 339 Research Methods in Applied Behavior Analysis & Lab, PSY 388 Learning & The Experimental Analysis of Behavior, and PSY 389 Professional Issues in Applied Behavior Analysis) may be taken following application to the graduate program but must be completed prior to completion of the undergraduate program requirements. During the first semester of the junior year, the student will formally apply to the Applied Psychology program through the Graduate Admissions Office. The process involves the following:

- A completed application form for admission to the Applied Psychology program, accompanied by a $50 nonrefundable application fee;
- Receipt of official transcripts from every college or university attended (including Rider University);
- A statement of objectives prepared by the student that presents the student's reasons for wanting to enter the Applied Psychology program;
- An interview with faculty from the Applied Psychology program; and
- Completion of PSY 212 and PSY 299 (prior to application).
- Completion of PSY 339 & PSY 339L, PSY 388, and PSY 389 (prior to completion of the requirements for the degree in psychology)

Students accepted into the Applied Psychology program at the end of their junior year will complete one graduate-level elective course during each semester of their senior year.

Students will be awarded the BA degree when they complete the requirements for that degree in psychology. The MA will be awarded upon completion of the Applied Psychology requirements.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
PSY 100	Introduction to Psychology	3
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language I [1]		3
	Semester Credit Hours	**15**
Spring Semester		
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	4
200 Level Psychology Developmental Pillar (PSY230 or PSY231)		3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Foreign Language II		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
PSY 201	Statistics and Research Design	3
200 Level Psychology Biological Foundations Pillar (PSY238 or PSY255)		3
Aesthetic Perspectives: Literature		3
Social Perspectives (1 of 2)		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
300 Level Psychology Research Method w Lab		4
200 Level Psychology Cognition Pillar (PSY225 or PSY226)		3
200 Level Psychology Social & Personality Pillar (PSY215 or PSY240)		3
PSY 292	Professional Development in Psychology	3
Social Perspectives (2 of 2)		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
200 Level Psychology Mental & Behavioral Health Pillar (PSY220 or PSY245)		3
Psychology 300 Level Pillar Depth Course 1		3
Aesthetics Perspectives: Fine Arts		3
Scientific Perspectives 2 (unless 1st course included a lab)		3
Philosophical Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
Psychology 300 Level Pillar Depth Course 2		3
Psychology 300 Level Pillar Depth Course 3		3
Global Perspectives Course		3
COM 104	Speech Communication	3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Senior Level Requirement - one of the following:		**3**
PSY 400	Senior Seminar	
PSY 490	Independent Study: Research and Creative Expression	
PSY 491	Internship in Psychology	
Psychology 300 Level Pillar Depth Course [2]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Spring Semester		
Psychology 300 Level Diversity Requirement		3

Elective Course Credits [2]	3
Elective Course Credits [2]	3
Elective Course Credits [2]	3
Elective Course Credits [2]	3
Semester Credit Hours	**15**
Total Credit Hours for Graduation	**122**

1

For course placement information please visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 102 Explorations in Psychology Honors 3 Credits
The course introduces the history of psychology, and demonstrates how the discipline is a science. It provides students with experience exploring the mind, behavior, and the relationship between the two, from multiple perspectives, including biological, behavioral, cognitive, developmental, humanistic, social, and abnormal. It tackles questions including (but not limited to) how different areas of the brain are involved in behavior and are affected by injury, how humans sense and perceive the world, how states of consciousness differ from one another, how humans learn, remember, communicate, and develop, what motivates humans to behave in particular ways, how social groups affect behavior and decision-making, and what happens when behavior and emotions deviate from what is typical.

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 105L Introduction to Research Methods Lab 0 Credits
This lab is a co-requisite and must be taken concurrently with PSY 105.
Prerequisite(s) PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 110 Psychology:The Science of Well-being 3 Credits
This course uses theory and methods of psychology to examine the question: How to make a good life? Students will learn how psychology examines the ways that motivation, intellect, relationships, self-respect and a healthy lifestyle contribute to happiness, well-being, and flourishing. Students will learn how psychology examines human nature through observation and experimentation. Students will understand how psychology applies research to improve human well-being. Students will leave the course with a better understanding of themselves and their connection to others, and apply their self-knowledge to their personal goals and relationships. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 117 Psychology of Creativity 3 Credits
Is creativity reserved only for geniuses, or can ordinary individuals also be creative? Is it domain-specific or domain-general? How do we measure it? What is the connection between creativity and innovation? Can you and I become more creative, and if so, what factors influence creative thinking? This course surveys the modern theories of creativity and problem solving from a psychological perspective, and their applications to real-world challenges. Specific topics will focus on convergent and divergent thinking, the role of constraints, change, and motivation in creativity, social and personality factors, techniques such as brainstorming, design thinking, and creative problem solving, and innovation in organizations. You will apply what you have learned in hands-on activities that challenge you to propose creative solutions to real-world problems.

PSY 118 Psychology of Women 3 Credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

PSY 131 The Science of Mental Illness 3 Credits
The Science of Mental Illness explores the biological bases of mental health and mental illness, focusing on anxiety, mood disorders, schizophrenia, and Alzheimer's Disease. Students will examine the neural networks of these conditions, common psychiatric medications for treating them, studies of the long-term efficacy and effects of using psychiatric medications, and the psychological and biological capacities for improving mental health. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of “C” in PSY 105.

PSY 210 Organizational Psychology 3 Credits
Focuses on issues related to human behavior in work settings. Topics include personnel issues such as hiring and promotion decisions, performance appraisals, and methods of on-the-job training. Issues of job satisfaction, motivation, productivity, and effective leadership styles are also examined. Finally, organizational structure as it relates to communication within organizations will be examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 212 Introduction to Applied Behavior Analysis 3 Credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 215 Personality 3 Credits
A synthesis of the most recent research in the field of personality development. Topics include interplay of biological, cultural, and subjective personal processes; analysis of the broad trends in personality theories; and introduction to personality measurement.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 225 Learning Theory 3 Credits
This course provides students with a broad coverage of the fields of learning, memory, and cognition, while addressing their relevance and impact on human behavior. Various psychological perspectives used to understand learning, such as associationist, selectionist, and cognitivist, will be discussed, compared, and contrasted. Topics range from classical and operant conditioning to memory, concept learning, thinking, and problem solving.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 226 Cognitive Psychology 3 Credits
The study of the mind has been the focus of psychology since its inception in the 19th century. Today, the majority of psychological research focuses on the cognitive system and its biological basis. This course will provide an overview of knowledge regarding the components of the human cognitive system (e.g., attention, memory, executive processes) and how they form the basis for higher-order cognitive skills (e.g., language and decision making). The course will provide a history of the field and the methodologies that have been and are currently being used to study the human mind. Each section of the course will include an overview of basic and applied research to demonstrate how knowledge of the cognitive system can be used to enhance human functioning in applied settings and better understand human limitations and tendencies to commit certain types of errors.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 230 Child Development 3 Credits
Presents theory and research on the social, emotional and cognitive development of children birth to age 12.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 231 Youth and Adolescent Development 3 Credits
Presents theories, research and problems concerning development in youth and adolescence.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 237 Cognitive Disabilities 3 Credits
Investigates various types of intellectual differences, focusing on etiology, methods of diagnosis, programs and services available to individuals and families. Considers problems relating to adjustment in academic, social, and vocational areas.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 238 Sensation and Perception 3 Credits
The facts and theories of sensation and perception, their role in the total psychology of the individual, and current application are examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 240 Social Psychology 3 Credits
Deals with the scientific study of human beings in social situations, focusing on reciprocal influence of the individual and the group, especially aspects of behavior that are socially determined. The nature of attitudes: their development and change; the nature of social influence; interpersonal perception and attraction; dynamics of social behavior; and social phenomena, such as prejudice and social movements, are covered.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 245 Stress, Health and Coping 3 Credits
This course will examine physical and psychological effects of stress including a discussion of the nervous system, and the various models of the stress/illness relationship such as General Adaptation, Cognitive Appraisal and Diathesis-Stress. Various ways of coping with/responding to stress will be considered along with the influence of personality and sociodemographic factors on differences in both the experience of stress and on coping mechanisms will be considered. Finally, this course will consider issues in the measurement of stress and coping as well as some of the noteworthy findings and methodological aspects of stress research.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 250 Psychology of Aging 3 Credits
This survey course focuses on basic psychological issues in the aging process and in the elderly. It examines myths and stereotypes about aging and the elderly by way of research evidence pertaining to physical, psychological, and social changes accompanying aging.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 255 Biopsychology 3 Credits
Basic biological structures and processes underlying behavior, including general neuroanatomy and neurophysiology; sensory physiology; structure and function of the motor systems; physiology of emotions, motivation, learning, memory; brain dysfunction; psychoactive drugs.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 292 Professional Development in Psychology 3 Credits
This course is designed to help students understand the connections between the required curriculum in psychology and their professional and post-graduation goals. Through this required course all psychology majors will have the opportunity to recognize and use the many applications of psychology to their plans for career development and employment. Students will articulate individual goals beyond graduation, understand the individual characteristics that predict success in the work environment, recognize and apply selected research in psychology to their goals and the world of employment. The course will better prepare students to articulate post-graduation goals early in their education, and apply those goals to the following years of their education. PSY major/minor students only.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131.

PSY 295 Directed Study in Psychology 1-4 Credits
Provides an opportunity for students to obtain research experiences in psychology. Consists of a combination of project meetings, assigned readings and supervised research. Each student will work with a selected faculty member on a topic of mutual interest. Projects may include learning some components of research methods and applying these techniques to the collection and analysis of data. Provides focused reading and discussion as it relates to each student's research topic.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131 or permission of instructor and chair.

PSY 299 Field Placement in Applied Behavior Analysis 1 Credits
The practicum provides hands-on experience using the tools of applied behavior analysis in a field setting. Provides supervised field placement experience in an approved institution or agency in order for students to gain knowledge in applications of applied behavior analysis. Placement is made in various community institutions and agencies that offer services to diverse populations.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131, and PSY 212.

PSY 302 Research Methods: Cognition 4 Credits
Provides students with an in-depth coverage of the expanding field of cognition and memory. Addresses issues and research within the field. Emphasis is on current views of human memory. Students learn how to design and conduct their own experiments from the topic areas of information processing, psycholinguistics, problem solving, learning and memory, social cognition, and cognitive neuroscience. Laboratory skills include programming computers, developing multimedia stimuli, recording psycho- physiological data, and composing an APA-format research report in a network-based writing lab. Prerequisite(s): (PSY 100 or PSY102 or PSY110 or PSY131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 302L.

PSY 302L Research Methods: Cognition Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisite(s): PSY 302.

PSY 303 Research Methods: Social Psychology 4 Credits
Covers research methodology within the context of social psychology (i.e., topics include altruism, aggression, attraction and social perception). Both experimental and descriptive methodologies will be covered. Students learn about various aspects of the research process (e.g., design and execution of a social psychological study, analyzing and interpreting the results). Students also learn to integrate their research findings to produce an APA-style paper. Students use computer-based word processing and statistical analysis packages to achieve these goals. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 303L.

PSY 303L Research Methods: Social Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisites(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisites: PSY 303.

PSY 305 Theories of Psychotherapy 3 Credits
An exploration of the history and theory of the psychoanalytic, behavioral, and humanistic approaches to psychotherapy. Comparisons and contrasts between these therapeutic modalities are discussed, as well as the theory underlying specific therapeutic techniques such as dynamic interpretations, dream analysis, the analysis of resistance and transference, counter-conditioning, modeling, and cognitive restructuring. Class exercises in addition to transcripts and tape recordings from therapy sessions are used to illustrate the various therapeutic approaches.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY131) and 45 credits.

PSY 306 Research Methods: Sensation & Perception 4 Credits
Provides instruction in research design, research methods, and integration of data analysis and methodology within the content framework of sensation and perception. All the general psychology research methods are taught. Special emphasis is given to the study of human vision and audition. Students design, conduct, and report laboratory research in the areas of sensation and perception. The computer-based components of the laboratory include lessons on interactive software instrumentation for research, and network-based technical writing using APA format. Projects are conducted during the term. Each student uses a dedicated networked Macintosh computer to: a) develop and generate research stimuli and procedures, b) analyze and report research data, and c) write formal research reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 306L.

PSY 306L Sensation & Perception Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 306.

PSY 310 Introductory Counseling Skills 3 Credits
This course examines theory and research related to the therapy process and outcome. Students will practice foundational counseling skills with one another within a culturally-sensitive framework, including active listing, reflections of feelings, open questions, interpretations, self-disclosures, and challenges. Through experiential learning activities, students will develop a working knowledge of when and how to implement counseling skills. Students should be willing to talk about personal issues in this class.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 315 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 320 History of Psychology 3 Credits
Provides coverage of systems and schools of psychology: great psychologists, their contributions, and later influence in psychology. Current psychological problems are also discussed.
Prerequisites: (PSY100 or PSY102 or PSY110 or PSY131) and 45 credits.

PSY 324 Play and Imagination 3 Credits
This course surveys two of the most important manifestations of children's imagination: pretend play and imaginary companions. It will discuss the evolution of play, the purpose of play, the role of play in the development of creativity, and individual differences in play (e.g., among children of different gender, cultures, and ability levels). Finally, it will discuss the application of play to therapeutic methods for children.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 325 Cognitive Development 3 Credits
Compares and analyzes the major theories of cognitive development: Piaget, Information Processing, Vygotsky, Gardner, and Sternberg. The course describes cognitive growth from infancy to adulthood. Particular topics will include: concept formation, language acquisition, memory reading and writing, mathematical skills and sociocultural skills. Also of interest will be the use of cognitive theory in education, and understanding variations from the typical pattern of cognitive development as in mental retardation and prodigies.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 329 Research Methods in Organizational Psychology 4 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 329L Research Methods in Organizational Psychology 0 Credits
This course covers the general areas of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 330 Developmental Disabilities 3 Credits
Introduces students to the genetic, biological, sensory-motor, cognitive, and social-emotional foundations of developmental disabilities. Selected syndromes will be reviewed in-depth, as will treatments and intervention at the individual and family levels.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 333 Autism Spectrum Disorder 3 Credits
Provides students with a general understanding of the etiology, neurocognitive underpinnings, and general characteristics of the autism spectrum disorders. The course will examine the history of the study of these disorders, the main problems associated with these conditions, and will explore psycho-educational treatment alternatives.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 45 credits.

PSY 334 Disabilities Across Cultures 3 Credits
The course is designed around the question of how a culture defines the concept of “Disabilities”, how societies perceive individuals with disabilities, and how historical, social and political circumstances might shape an individual’s understanding of diversity. The course encourages critical thinking and a comparative analysis of cultural differences and psychological practices. Key challenges associated with diagnosis, intervention and integration of individuals with disabilities across the globe will be discussed. This course fulfills the College of Liberal Arts and Sciences Essential Competencies Requirement: Global Perspectives.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 335 Research Methods: Human Cognitive Neuroscience 4 Credits
Covers the interdisciplinary study of the nervous system integrating neurobiology, physiology, pharmacology, and psychology as explanations for both normal and pathological human behavior. Topics integrate molecular levels of analysis, such as neuron structure and function, neurotransmitters, action potentials, and receptors, with molar levels, such as sensory and hormonal processes, learning and memory, emotions, drug use, and biological rhythms. Introduces research techniques used to study the function of the nervous system and the neural bases of behavior in humans. Neuroanatomical, electrophysiological, pharmacological, and neuropsychological assessment techniques may be explored as part of laboratory or field research projects designed in collaboration with the instructor. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 335L.

PSY 335L Research Methods: Human Cognitive Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 335.

PSY 336 Research Methods: Animal Learning & Behavior 4 Credits
Provides a comprehensive overview of the acquisition and modification of the behavior of animals, especially on laboratory strains of rodents and pigeons. Core topics include respondent and operant conditioning, animal cognition, observational learning, animal safety and welfare, single-subject and between-groups approaches to methodology, and the statistical analysis of the results of studies of behavior. The laboratory component of the course provides a comprehensive overview of animal handling and maintenance, animal welfare, and the recording of experimental results. Two substantial projects are undertaken; demonstration of a conditioned taste aversion and its effect upon the acquisition and extinction of an operant (bar press) response and subsequent discrimination and reversal learning. Results of both projects are written into APA-formatted reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 336L.

PSY 336L Animal Learning and Behavior Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 336.

PSY 339 Research Methods in Applied Behavior Analysis 4 Credits
This upper-level laboratory course will provide students with an in-depth study of the principles and applications of Applied Behavior Analysis. Students will examine behavioral principles, ethical considerations, and real-life applications of ABA. Each student will design and implement a self-management plan to alter the behavior of their choosing. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and PSY 212 and a minimum grade of "C" in PSY 201 .
Corequisite(s): PSY 339L.

PSY 339L Research Methods in ABA Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and Psy212 and a minimum grade of "C" PSY 201.
Corequisite(s): PSY 339.

PSY 340 Research Methods: Group Dynamics 4 Credits
Focuses on selected issues pertaining to group dynamics. Emphasizes an understanding of the personality and social factors that influence the functioning of unstructured and task-oriented groups. Students participate in a task group for the purpose of conducting a comprehensive research project on selected issues in group dynamics and the psychology of groups. The task group prepares an APA-style paper describing their research as well as an in-class presentation. Each student also submits a midterm and final written analysis of the interactional processes and development of the task group. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340L.

PSY 340L Group Dynamics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 349 Research Methods - Health Psychology 4 Credits
This course examines the methods used by health psychologists to study the relationships between behavior, health, and illness, including the standard methodologies of description, observation, correlation, quasi-experimental and experimental, as well as some of the methods within the field of epidemiology including cohort, case-control, and cross-sectional studies. Students will design and conduct an empirical investigation on a health and illness-related research question. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisites: PSY 349L.

PSY 349L Research Methods in Health Psychology Lab 0 Credits
This is the lab accompanying PSY 349. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisites: PSY 349.

PSY 350 Research Methods: Developmental Psychology 4 Credits
Focuses on one or more research areas in cognitive, personality, or social development. Includes an overview of major theoretical approaches to age-related change. Students review original research on selected aspects of behavioral change. The laboratory component of the course presents an overview of developmental research designs and methods focusing on the measurement of age-related changes in psychological functioning. Students conduct field research projects designed in collaboration with the instructor and prepare an APA-style research report. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350L.

PSY 350L Developmental Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350.

PSY 360 Psychology of Peace & Conflict 3 Credits
This course examines issues related to peace, conflict, violence, and conflict resolution. Theories and strategies that suggest ways of reducing and eliminating conflict are discussed. Psychological and social causes and consequences of violence and nonviolence are considered.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 367 Creativity and Innovation 3 Credits
What is creativity, and how do we measure, study, and enhance it? This course will survey the modern theories of creativity from a psychological perspective, with an emphasis on the processes that underlie creative thinking and the variables that influence creative idea generation. Specific topics will include: convergent and divergent thinking, the role of the unconscious in creative ideation, flow and mindfulness, individual and group creativity, techniques such as brainstorming and creative problem solving, the neuroscience of creativity, the role of motivation, and creativity and innovation in organizations. Discussions of theoretical findings will be complemented by in-class activities and assignments that highlight applications to day-to-day living and to larger-scale challenges that require creativity and innovation.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 372 States of Consciousness 3 Credits
This course explores the variety of states that comprise normal and altered consciousness. It highlights how these states are determined by complex interactions between conscious and unconscious mental functions. Key psychological concepts are applied in an investigation of various states of consciousness, especially meditative states and dreams. The course examines both the psychopathological aspects of altered states, as well as their potential beneficial effects on creativity and the development of the self.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 373 Cyberpsychology 3 Credits
Cyberpsychology is the study of how emerging computer technologies, especially social media, affect the way people think, feel, and behave both online and in the face-to-face world. This course explores a wide range of topics concerning this rapidly developing field of psychology, including how individuals, interpersonal relationships, and groups function in cyberspace with both positive and negative consequences for mental health. It emphasizes an understanding of the basic concepts of cyberpsychology along with the implications of this knowledge for improving wellbeing in the digital age.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 375 Psychology and Film 3 Credits
Attitudes, perceptions and memories are shaped by motion pictures. Filmmakers create enduring images by using cinematic techniques to portray social and interpersonal themes. This course will examine various cinematic techniques as well as how film portrays interpersonal relations, gender roles, race relations, mental illness, The Holocaust, and other genocides.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 377 Developmental Psychopathology 3 Credits
This course provides an in-depth view of developmental psychopathology as an applied and prevention science. Developmental psychopathology is concerned with the emergence and continuity or discontinuity of psychopathology, or maladaptive behaviors, across the lifespan. An emphasis is placed on exploring individual, environmental, social, and especially cultural influences in explaining normal and abnormal behavior.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY131) and 45 credits.

PSY 379 Psychology and Law 3 Credits
Introduces students to a study of selected topics in psychology and law. Topics include eyewitness testimony, jury selection, and decision-making.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 381 Psychology of Gender 3 Credits
This course examines the meaning of sex and gender in modern society. The course readings and discussion will review and analyze the influence of gender on human behavior and emotions. The course will examine the significance of gender in shaping experience. Topics will include: gender differences in behavior, gender role development, gender and sexual identity, gender and social roles, cross-cultural perspectives on gender and transcending gender.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 383 Psychology and Culture 3 Credits
Students enrolled in this course will critically examine the intersection of culture and psychology. Topics covered include cultural influences on: identity, the perceptions and manifestations of mental illness, and treatment-seeking.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 384 Positive Psychology 3 Credits
Historically, the field of psychology has placed great attention on the question of, "What is wrong with people and how do we fix it?" This course will focus on the question of, "What is right with people and how can we build on that?" We will explore this by examining empirical research centered on the nature of happiness and psychological well-being. Positive psychology is the rigorous study of what is right and positive about people and institutions. Positive psychologists call for as much focus on strength as on weakness, as much attention on positive emotions as negative emotions, as much interest in building the best things in life as in repairing the worst, and as much attention to promoting the fulfillment of lives of healthy people as to healing the wounds of the distressed. This course will first present an introduction to the core assumptions and research findings associated with human strengths and positive emotions, then move on to explore interventions and applications informed by this perspective in counseling and psychotherapy, as well as in domains personally relevant to the lives of students such as school, work, family and other close relationships. PSY 384 is cross-listed with PSY 584.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 385 Death, Dying and Suicide 3 Credits
Everything that is alive eventually dies, thus death is a part of life. Understanding death can help us to understand and experience life more fully, and it can help us to make appropriate, compassionate responses to death and dying. Class members will examine difficult and controversial psychosocial issues related to dying and death, death perceptions from childhood through older adulthood, religious and death attitudes, the dying process, living with dying, dying in the American health care system, euthanasia and biomedical issues, pain management, suicide, cross-cultural perspectives on dying and death, the business of dying, the legal aspects of dying, and the bereavement process.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 386 Introduction to Child Life: Working with Children and Families in Healthcare Settings 3 Credits
The course provides the student with an introduction to the practice of Child Life in healthcare settings, serving as an educational foundation for those interested in pursuing a Child Life internship or other career working with children and families in a healthcare setting. Child Life programs seek to promote optimum development of children, adolescents, and families within a healthcare setting by helping to maintain normal living patterns and minimizing psychological trauma. Various theoretical positions related to the field (including but not limited to child development, play, stress, illness, trauma, and bereavement) will be described and their implications discussed. Classroom activities and assignments will help to develop relevant clinical skills including therapeutic play techniques, procedural preparation and support, coping strategies, child assessment, promoting advocacy/family-centered care, and health education. Official documents created by the Child Life Council, the certifying body for the field, will be reviewed, in addition to other seminal Child Life publications. The necessity for evidence-based practice will be discussed and relevant empirical studies will be presented (including those conducted in analogous academic fields such as developmental pediatrics and behavioral medicine).
Prerequisite: PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 388 Learning and the Experimental Analysis of Behavior 3 Credits
Students will review principles of behavior covered in PSY 212 Intro to ABA (or PSY 225 Learning Theory) and move into more complex concepts and principles of behavior analysis including respondent behavior, respondent conditioning, motivating operations, schedules of reinforcement, and verbal operants. Students will also learn elements of behavior change and specific behavior-change procedures including verbal behavior training, discrete trial training, interventions based on motivating operations and discriminative stimuli, and stimulus equivalence procedures.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 389 Professional Issues in ABA 3 Credits
This course will provide students interested in working in the field of applied behavior analysis at the bachelor's level content based on the task list of the Behavior Analyst Certification Board (BACB) The course covers ethical and professional considerations relevant to the profession of applied behavior analysis as well as ethical and disciplinary standards of the profession. In addition, the course covers behavioral assessment and intervention, competency-based training, and evaluating the effectiveness of behavioral programs. Students will also have the opportunity to read seminal and current research literature on the topics.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 395 Special Topics in Psychology 3 Credits
This course examines contemporary issues in psychology, with the particular topic varying each time it is offered. New directions in the field and/or current controversies will be the focus. Past offerings include Positive Psychology, Creativity, and Brain Games.
Prerequisite(s):)PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 400 Senior Seminar 3 Credits
This capstone course will provide a synthesis and evaluation of important critical issues in psychology, such as the role of modern psychology in solving social problems, the scientific vs. human services perspectives on behavior, emotion, and cognition; and the nature of mental illness and well-being. Students will be expected to draw broadly from their education in psychology; to grapple with conflicting points of view; and produce professional-quality writing, oral or multimedia presentations.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 75 credits.

PSY 450 Advanced Research Methods in Clinical Psychology 4 Credits
This advanced research methods lecture and lab provides a capstone experience in measurement, assessment, research methods, and data analysis within clinical psychology. The focus of the course will be on using research tools to answer practical questions about psychopathology (e.g., what is an extreme score on a depression scale?) and treatment effectiveness (are there improvements in anxiety scores based on participation in a program?). Content will also emphasize the importance of recruiting diverse samples and assessment of individuals of diverse cultural and social backgrounds. Regarding research methods, students will examine various research designs and how design decisions impact data analysis and interpretation. Students will work in teams to conduct a study in which they apply their learning to develop a series of hypotheses, collect and analyze data, and ultimately present their findings in APA format. This course is designed to build on students' understanding of research methods in prior courses and can help prepare students for graduate school with a counseling, clinical, or social work focus.
Prerequisites: PSY 201 with a minimum grade of B, PSY 3xx/3xxL with a minimum grade of B, and Earned Credits: 75.

PSY 450L Advanced Research Methods in Clinical Psychology Lab 0 Credits
This course is a co-requisite for the corresponding course.
Prerequisite(s): PSY 201 with a minimum grade of B, PSY 3xx/3xxL with a minimum grade of B, and Earned Credits: 75.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

PSY 491 Internship in Psychology 1-4 Credits
Provides supervised work experience in an approved institution or agency in order for students to gain knowledge in applications of psychology. Placement is made in various community institutions and agencies that offer services to both exceptional and normal individuals. Prerequisite(s): senior psychology majors or minors.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 75 credits.

Psychology B.A. Online

Overview

The Online Psychology degree program allows students to develop a strong foundation in the theory and scientific methodology behind psychology, as well as its many practical applications. Students will strengthen their critical thinking and communication skills, and learn how to conduct and analyze basic research. The insights and knowledge acquired will prepare students for a financially and personally rewarding career in fields ranging from business to education, health care to social service. In addition to strong basic and psychology core courses, the Online B.A. in Psychology gives students the flexibility to explore their academic and career interests in the field. Students will select from a variety of classes designed to build their understanding of themselves and the world around them.

Student Learning Outcomes

1. **Theory:** Students will demonstrate knowledge of major concepts, theoretical perspectives, and empirical findings within psychology. Students will learn to apply the knowledge for solving real-world problems through participation in internships, community-based research, and/or leadership opportunities.
2. **Research:** Students will learn how to plan, conduct, and critically evaluate psychological research that promotes understanding of human behavior, diversity, and individual differences. Students will demonstrate the ability to communicate scientific concepts and results in written and oral form.
3. **Practice:** Students will develop interpersonal and intrapersonal knowledge that fosters self-awareness and personal growth, the development of leadership skills, and a respect and understanding of human diversity. Students will apply psychological content and skills to promote attainment of post-graduation goals.

Degree Offered

- B.A. in Psychology

Contact

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Associated Department: Department of Psychology (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/departments/psychology/)

Related Programs:

- Psychology (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/majors-minors-certificates/psychology/)
- Organizational Psychology (B.S.B.A) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/majors-minors-certificates/organizational_psych/)
- Organizational Psychology (B.A.) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/majors-minors-certificates/organizational_psych/)

Psychology Online Program Requirements

(44 credits)	Title	Credits
Code		
See Continuing Education Programs Core Requirements (p. 1150)		
Psychology Core		**13**
Complete all of the following courses:		
PSY 100	Introduction to Psychology	
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	
PSY 201	Statistics and Research Design	
PSY 292	Professional Development in Psychology	
Research Methods Course (select one)		**4**
PSY 303/PSY 303L	Research Methods: Social Psychology	
PSY 329/PSY 329L	Research Methods in Organizational Psychology	
Psychology Lower Level		**12**
Select four of the following:		
PSY 210	Organizational Psychology	
PSY 212	Introduction to Applied Behavior Analysis	
PSY 215	Personality	
PSY 220	Psychological Disorders	
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
PSY 240	Social Psychology	
PSY 245	Stress, Health and Coping	
PSY 250	Psychology of Aging	
PSY 283	Sport Psychology	
Psychology Upper Level		**12**
Select four of the following:		
PSY 305	Theories of Psychotherapy	
PSY 320	History of Psychology	
PSY 324	Play and Imagination	
PSY 325	Cognitive Development	
PSY 333	Autism Spectrum Disorder	
PSY 334	Disabilities Across Cultures	
PSY 345	Health Psychology	
PSY 360	Psychology of Peace & Conflict	
PSY 365	Drugs and Human Behavior	
PSY 367	Creativity and Innovation	
PSY 373	Cyberpsychology	
PSY 374	Psychology of the Family	
PSY 375	Psychology and Film	
PSY 377	Developmental Psychopathology	
PSY 379	Psychology and Law	
PSY 381	Psychology of Gender	
PSY 382	Aging, Brain, and Cognition	
PSY 383	Psychology and Culture	
PSY 384	Positive Psychology	
PSY 385	Death, Dying and Suicide	
Capstone Course		**3**
Select one of the following:		
PSY 400	Senior Seminar	
PSY 490	Independent Study: Research and Creative Expression	
Free Electives		
Total Credits		**44**

Courses and Descriptions

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 102 Explorations in Psychology Honors 3 Credits
The course introduces the history of psychology, and demonstrates how the discipline is a science. It provides students with experience exploring the mind, behavior, and the relationship between the two, from multiple perspectives, including biological, behavioral, cognitive, developmental, humanistic, social, and abnormal. It tackles questions including (but not limited to) how different areas of the brain are involved in behavior and are affected by injury, how humans sense and perceive the world, how states of consciousness differ from one another, how humans learn, remember, communicate, and develop, what motivates humans to behave in particular ways, how social groups affect behavior and decision-making, and what happens when behavior and emotions deviate from what is typical.

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 105L Introduction to Research Methods Lab 0 Credits
This lab is a co-requisite and must be taken concurrently with PSY 105.
Prerequisite(s) PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 110 Psychology:The Science of Well-being 3 Credits
This course uses theory and methods of psychology to examine the question: How to make a good life? Students will learn how psychology examines the ways that motivation, intellect, relationships, self-respect and a healthy lifestyle contribute to happiness, well-being, and flourishing. Students will learn how psychology examines human nature through observation and experimentation. Students will understand how psychology applies research to improve human well-being. Students will leave the course with a better understanding of themselves and their connection to others, and apply their self-knowledge to their personal goals and relationships. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 117 Psychology of Creativity 3 Credits
Is creativity reserved only for geniuses, or can ordinary individuals also be creative? Is it domain-specific or domain-general? How do we measure it? What is the connection between creativity and innovation? Can you and I become more creative, and if so, what factors influence creative thinking? This course surveys the modern theories of creativity and problem solving from a psychological perspective, and their applications to real-world challenges. Specific topics will focus on convergent and divergent thinking, the role of constraints, change, and motivation in creativity, social and personality factors, techniques such as brainstorming, design thinking, and creative problem solving, and innovation in organizations. You will apply what you have learned in hands-on activities that challenge you to propose creative solutions to real-world problems.

PSY 118 Psychology of Women 3 Credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

PSY 131 The Science of Mental Illness 3 Credits
The Science of Mental Illness explores the biological bases of mental health and mental illness, focusing on anxiety, mood disorders, schizophrenia, and Alzheimer's Disease. Students will examine the neural networks of these conditions, common psychiatric medications for treating them, studies of the long-term efficacy and effects of using psychiatric medications, and the psychological and biological capacities for improving mental health. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of "C" in PSY 105.

PSY 210 Organizational Psychology 3 Credits
Focuses on issues related to human behavior in work settings. Topics include personnel issues such as hiring and promotion decisions, performance appraisals, and methods of on-the-job training. Issues of job satisfaction, motivation, productivity, and effective leadership styles are also examined. Finally, organizational structure as it relates to communication within organizations will be examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 212 Introduction to Applied Behavior Analysis 3 Credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 215 Personality 3 Credits
A synthesis of the most recent research in the field of personality development. Topics include interplay of biological, cultural, and subjective personal processes; analysis of the broad trends in personality theories; and introduction to personality measurement.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 225 Learning Theory 3 Credits
This course provides students with a broad coverage of the fields of learning, memory, and cognition, while addressing their relevance and impact on human behavior. Various psychological perspectives used to understand learning, such as associationist, selectionist, and cognitivist, will be discussed, compared, and contrasted. Topics range from classical and operant conditioning to memory, concept learning, thinking, and problem solving.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 226 Cognitive Psychology 3 Credits
The study of the mind has been the focus of psychology since its inception in the 19th century. Today, the majority of psychological research focuses on the cognitive system and its biological basis. This course will provide an overview of knowledge regarding the components of the human cognitive system (e.g., attention, memory, executive processes) and how they form the basis for higher-order cognitive skills (e.g., language and decision making). The course will provide a history of the field and the methodologies that have been and are currently being used to study the human mind. Each section of the course will include an overview of basic and applied research to demonstrate how knowledge of the cognitive system can be used to enhance human functioning in applied settings and better understand human limitations and tendencies to commit certain types of errors.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 230 Child Development 3 Credits
Presents theory and research on the social, emotional and cognitive development of children birth to age 12.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 231 Youth and Adolescent Development 3 Credits
Presents theories, research and problems concerning development in youth and adolescence.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 237 Cognitive Disabilities 3 Credits
Investigates various types of intellectual differences, focusing on etiology, methods of diagnosis, programs and services available to individuals and families. Considers problems relating to adjustment in academic, social, and vocational areas.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 238 Sensation and Perception 3 Credits
The facts and theories of sensation and perception, their role in the total psychology of the individual, and current application are examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 240 Social Psychology 3 Credits
Deals with the scientific study of human beings in social situations, focusing on reciprocal influence of the individual and the group, especially aspects of behavior that are socially determined. The nature of attitudes: their development and change; the nature of social influence; interpersonal perception and attraction; dynamics of social behavior; and social phenomena, such as prejudice and social movements, are covered.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 245 Stress, Health and Coping 3 Credits
This course will examine physical and psychological effects of stress including a discussion of the nervous system, and the various models of the stress/illness relationship such as General Adaptation, Cognitive Appraisal and Diathesis-Stress. Various ways of coping with/responding to stress will be considered along with the influence of personality and sociodemographic factors on differences in both the experience of stress and on coping mechanisms will be considered. Finally, this course will consider issues in the measurement of stress and coping as well as some of the noteworthy findings and methodological aspects of stress research.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 250 Psychology of Aging 3 Credits
This survey course focuses on basic psychological issues in the aging process and in the elderly. It examines myths and stereotypes about aging and the elderly by way of research evidence pertaining to physical, psychological, and social changes accompanying aging.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 255 Biopsychology 3 Credits
Basic biological structures and processes underlying behavior, including general neuroanatomy and neurophysiology; sensory physiology; structure and function of the motor systems; physiology of emotions, motivation, learning, memory; brain dysfunction; psychoactive drugs.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 292 Professional Development in Psychology 3 Credits
This course is designed to help students understand the connections between the required curriculum in psychology and their professional and post-graduation goals. Through this required course all psychology majors will have the opportunity to recognize and use the many applications of psychology to their plans for career development and employment. Students will articulate individual goals beyond graduation, understand the individual characteristics that predict success in the work environment, recognize and apply selected research in psychology to their goals and the world of employment. The course will better prepare students to articulate post-graduation goals early in their education, and apply those goals to the following years of their education. PSY major/minor students only.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131.

PSY 295 Directed Study in Psychology 1-4 Credits
Provides an opportunity for students to obtain research experiences in psychology. Consists of a combination of project meetings, assigned readings and supervised research. Each student will work with a selected faculty member on a topic of mutual interest. Projects may include learning some components of research methods and applying these techniques to the collection and analysis of data. Provides focused reading and discussion as it relates to each student's research topic.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131 or permission of instructor and chair.

PSY 299 Field Placement in Applied Behavior Analysis 1 Credits
The practicum provides hands-on experience using the tools of applied behavior analysis in a field setting. Provides supervised field placement experience in an approved institution or agency in order for students to gain knowledge in applications of applied behavior analysis. Placement is made in various community institutions and agencies that offer services to diverse populations.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131, and PSY 212.

PSY 302 Research Methods: Cognition 4 Credits
Provides students with an in-depth coverage of the expanding field of cognition and memory. Addresses issues and research within the field. Emphasis is on current views of human memory. Students learn how to design and conduct their own experiments from the topic areas of information processing, psycholinguistics, problem solving, learning and memory, social cognition, and cognitive neuroscience. Laboratory skills include programming computers, developing multimedia stimuli, recording psycho- physiological data, and composing an APA-format research report in a network-based writing lab. Prerequisite(s): (PSY 100 or PSY102 or PSY110 or PSY131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 302L.

PSY 302L Research Methods: Cognition Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisite(s): PSY 302.

PSY 303 Research Methods: Social Psychology 4 Credits
Covers research methodology within the context of social psychology (i.e., topics include altruism, aggression, attraction and social perception). Both experimental and descriptive methodologies will be covered. Students learn about various aspects of the research process (e.g., design and execution of a social psychological study, analyzing and interpreting the results). Students also learn to integrate their research findings to produce an APA-style paper. Students use computer-based word processing and statistical analysis packages to achieve these goals. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 303L.

PSY 303L Research Methods: Social Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisites(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisites: PSY 303.

PSY 305 Theories of Psychotherapy 3 Credits
An exploration of the history and theory of the psychoanalytic, behavioral, and humanistic approaches to psychotherapy. Comparisons and contrasts between these therapeutic modalities are discussed, as well as the theory underlying specific therapeutic techniques such as dynamic interpretations, dream analysis, the analysis of resistance and transference, counter-conditioning, modeling, and cognitive restructuring. Class exercises in addition to transcripts and tape recordings from therapy sessions are used to illustrate the various therapeutic approaches.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY131) and 45 credits.

PSY 306 Research Methods: Sensation & Perception 4 Credits
Provides instruction in research design, research methods, and integration of data analysis and methodology within the content framework of sensation and perception. All the general psychology research methods are taught. Special emphasis is given to the study of human vision and audition. Students design, conduct, and report laboratory research in the areas of sensation and perception. The computer-based components of the laboratory include lessons on interactive software instrumentation for research, and network-based technical writing using APA format. Projects are conducted during the term. Each student uses a dedicated networked Macintosh computer to: a) develop and generate research stimuli and procedures, b) analyze and report research data, and c) write formal research reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 306L.

PSY 306L Sensation & Perception Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 306.

PSY 310 Introductory Counseling Skills 3 Credits
This course examines theory and research related to the therapy process and outcome. Students will practice foundational counseling skills with one another within a culturally-sensitive framework, including active listing, reflections of feelings, open questions, interpretations, self-disclosures, and challenges. Through experiential learning activities, students will develop a working knowledge of when and how to implement counseling skills. Students should be willing to talk about personal issues in this class.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 315 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 320 History of Psychology 3 Credits
Provides coverage of systems and schools of psychology: great psychologists, their contributions, and later influence in psychology. Current psychological problems are also discussed.
Prerequisites: (PSY100 or PSY102 or PSY110 or PSY131) and 45 credits.

PSY 324 Play and Imagination 3 Credits
This course surveys two of the most important manifestations of children's imagination: pretend play and imaginary companions. It will discuss the evolution of play, the purpose of play, the role of play in the development of creativity, and individual differences in play (e.g., among children of different gender, cultures, and ability levels). Finally, it will discuss the application of play to therapeutic methods for children.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 325 Cognitive Development 3 Credits
Compares and analyzes the major theories of cognitive development: Piaget, Information Processing, Vygotsky, Gardner, and Sternberg. The course describes cognitive growth from infancy to adulthood. Particular topics will include: concept formation, language acquisition, memory reading and writing, mathematical skills and sociocultural skills. Also of interest will be the use of cognitive theory in education, and understanding variations from the typical pattern of cognitive development as in mental retardation and prodigies.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 329 Research Methods in Organizational Psychology 4 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 329L Research Methods in Organizational Psychology 0 Credits
This course covers the general areas of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 330 Developmental Disabilities 3 Credits
Introduces students to the genetic, biological, sensory-motor, cognitive, and social-emotional foundations of developmental disabilities. Selected syndromes will be reviewed in-depth, as will treatments and intervention at the individual and family levels.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 333 Autism Spectrum Disorder 3 Credits
Provides students with a general understanding of the etiology, neurocognitive underpinnings, and general characteristics of the autism spectrum disorders. The course will examine the history of the study of these disorders, the main problems associated with these conditions, and will explore psycho-educational treatment alternatives.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 45 credits.

PSY 334 Disabilities Across Cultures 3 Credits
The course is designed around the question of how a culture defines the concept of “Disabilities”, how societies perceive individuals with disabilities, and how historical, social and political circumstances might shape an individual’s understanding of diversity. The course encourages critical thinking and a comparative analysis of cultural differences and psychological practices. Key challenges associated with diagnosis, intervention and integration of individuals with disabilities across the globe will be discussed. This course fulfills the College of Liberal Arts and Sciences Essential Competencies Requirement: Global Perspectives.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 335 Research Methods: Human Cognitive Neuroscience 4 Credits
Covers the interdisciplinary study of the nervous system integrating neurobiology, physiology, pharmacology, and psychology as explanations for both normal and pathological human behavior. Topics integrate molecular levels of analysis, such as neuron structure and function, neurotransmitters, action potentials, and receptors, with molar levels, such as sensory and hormonal processes, learning and memory, emotions, drug use, and biological rhythms. Introduces research techniques used to study the function of the nervous system and the neural bases of behavior in humans. Neuroanatomical, electrophysiological, pharmacological, and neuropsychological assessment techniques may be explored as part of laboratory or field research projects designed in collaboration with the instructor. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 335L.

PSY 335L Research Methods: Human Cognitive Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 335.

PSY 336 Research Methods: Animal Learning & Behavior 4 Credits
Provides a comprehensive overview of the acquisition and modification of the behavior of animals, especially on laboratory strains of rodents and pigeons. Core topics include respondent and operant conditioning, animal cognition, observational learning, animal safety and welfare, single-subject and between-groups approaches to methodology, and the statistical analysis of the results of studies of behavior. The laboratory component of the course provides a comprehensive overview of animal handling and maintenance, animal welfare, and the recording of experimental results. Two substantial projects are undertaken; demonstration of a conditioned taste aversion and its effect upon the acquisition and extinction of an operant (bar press) response and subsequent discrimination and reversal learning. Results of both projects are written into APA-formatted reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 336L.

PSY 336L Animal Learning and Behavior Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 336.

PSY 339 Research Methods in Applied Behavior Analysis 4 Credits
This upper-level laboratory course will provide students with an in-depth study of the principles and applications of Applied Behavior Analysis. Students will examine behavioral principles, ethical considerations, and real-life applications of ABA. Each student will design and implement a self-management plan to alter the behavior of their choosing. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and PSY 212 and a minimum grade of "C" in PSY 201 .
Corequisite(s): PSY 339L.

PSY 339L Research Methods in ABA Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and Psy212 and a minimum grade of "C" PSY 201.
Corequisite(s): PSY 339.

PSY 340 Research Methods: Group Dynamics 4 Credits
Focuses on selected issues pertaining to group dynamics. Emphasizes an understanding of the personality and social factors that influence the functioning of unstructured and task-oriented groups. Students participate in a task group for the purpose of conducting a comprehensive research project on selected issues in group dynamics and the psychology of groups. The task group prepares an APA-style paper describing their research as well as an in-class presentation. Each student also submits a midterm and final written analysis of the interactional processes and development of the task group. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340L.

PSY 340L Group Dynamics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 349 Research Methods - Health Psychology 4 Credits
This course examines the methods used by health psychologists to study the relationships between behavior, health, and illness, including the standard methodologies of description, observation, correlation, quasi-experimental and experimental, as well as some of the methods within the field of epidemiology including cohort, case-control, and cross-sectional studies. Students will design and conduct an empirical investigation on a health and illness-related research question. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisites: PSY 349L.

PSY 349L Research Methods in Health Psychology Lab 0 Credits
This is the lab accompanying PSY 349. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisites: PSY 349.

PSY 350 Research Methods: Developmental Psychology 4 Credits
Focuses on one or more research areas in cognitive, personality, or social development. Includes an overview of major theoretical approaches to age-related change. Students review original research on selected aspects of behavioral change. The laboratory component of the course presents an overview of developmental research designs and methods focusing on the measurement of age-related changes in psychological functioning. Students conduct field research projects designed in collaboration with the instructor and prepare an APA-style research report. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350L.

PSY 350L Developmental Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350.

PSY 360 Psychology of Peace & Conflict 3 Credits
This course examines issues related to peace, conflict, violence, and conflict resolution. Theories and strategies that suggest ways of reducing and eliminating conflict are discussed. Psychological and social causes and consequences of violence and nonviolence are considered.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 367 Creativity and Innovation 3 Credits
What is creativity, and how do we measure, study, and enhance it? This course will survey the modern theories of creativity from a psychological perspective, with an emphasis on the processes that underlie creative thinking and the variables that influence creative idea generation. Specific topics will include: convergent and divergent thinking, the role of the unconscious in creative ideation, flow and mindfulness, individual and group creativity, techniques such as brainstorming and creative problem solving, the neuroscience of creativity, the role of motivation, and creativity and innovation in organizations. Discussions of theoretical findings will be complemented by in-class activities and assignments that highlight applications to day-to-day living and to larger-scale challenges that require creativity and innovation.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 372 States of Consciousness 3 Credits
This course explores the variety of states that comprise normal and altered consciousness. It highlights how these states are determined by complex interactions between conscious and unconscious mental functions. Key psychological concepts are applied in an investigation of various states of consciousness, especially meditative states and dreams. The course examines both the psychopathological aspects of altered states, as well as their potential beneficial effects on creativity and the development of the self.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 373 Cyberpsychology 3 Credits
Cyberpsychology is the study of how emerging computer technologies, especially social media, affect the way people think, feel, and behave both online and in the face-to-face world. This course explores a wide range of topics concerning this rapidly developing field of psychology, including how individuals, interpersonal relationships, and groups function in cyberspace with both positive and negative consequences for mental health. It emphasizes an understanding of the basic concepts of cyberpsychology along with the implications of this knowledge for improving wellbeing in the digital age.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 375 Psychology and Film 3 Credits
Attitudes, perceptions and memories are shaped by motion pictures. Filmmakers create enduring images by using cinematic techniques to portray social and interpersonal themes. This course will examine various cinematic techniques as well as how film portrays interpersonal relations, gender roles, race relations, mental illness, The Holocaust, and other genocides.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 377 Developmental Psychopathology 3 Credits
This course provides an in-depth view of developmental psychopathology as an applied and prevention science. Developmental psychopathology is concerned with the emergence and continuity or discontinuity of psychopathology, or maladaptive behaviors, across the lifespan. An emphasis is placed on exploring individual, environmental, social, and especially cultural influences in explaining normal and abnormal behavior.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY131) and 45 credits.

PSY 379 Psychology and Law 3 Credits
Introduces students to a study of selected topics in psychology and law. Topics include eyewitness testimony, jury selection, and decision-making.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 381 Psychology of Gender 3 Credits
This course examines the meaning of sex and gender in modern society. The course readings and discussion will review and analyze the influence of gender on human behavior and emotions. The course will examine the significance of gender in shaping experience. Topics will include: gender differences in behavior, gender role development, gender and sexual identity, gender and social roles, cross-cultural perspectives on gender and transcending gender.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 383 Psychology and Culture 3 Credits
Students enrolled in this course will critically examine the intersection of culture and psychology. Topics covered include cultural influences on: identity, the perceptions and manifestations of mental illness, and treatment-seeking.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 384 Positive Psychology 3 Credits
Historically, the field of psychology has placed great attention on the question of, “What is wrong with people and how do we fix it?” This course will focus on the question of, “What is right with people and how can we build on that?” We will explore this by examining empirical research centered on the nature of happiness and psychological well-being. Positive psychology is the rigorous study of what is right and positive about people and institutions. Positive psychologists call for as much focus on strength as on weakness, as much attention on positive emotions as negative emotions, as much interest in building the best things in life as in repairing the worst, and as much attention to promoting the fulfillment of lives of healthy people as to healing the wounds of the distressed. This course will first present an introduction to the core assumptions and research findings associated with human strengths and positive emotions, then move on to explore interventions and applications informed by this perspective in counseling and psychotherapy, as well as in domains personally relevant to the lives of students such as school, work, family and other close relationships. PSY 384 is cross-listed with PSY 584.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 385 Death, Dying and Suicide 3 Credits
Everything that is alive eventually dies, thus death is a part of life. Understanding death can help us to understand and experience life more fully, and it can help us to make appropriate, compassionate responses to death and dying. Class members will examine difficult and controversial psychosocial issues related to dying and death, death perceptions from childhood through older adulthood, religious and death attitudes, the dying process, living with dying, dying in the American health care system, euthanasia and biomedical issues, pain management, suicide, cross-cultural perspectives on dying and death, the business of dying, the legal aspects of dying, and the bereavement process.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 386 Introduction to Child Life: Working with Children and Families in Healthcare Settings 3 Credits
The course provides the student with an introduction to the practice of Child Life in healthcare settings, serving as an educational foundation for those interested in pursuing a Child Life internship or other career working with children and families in a healthcare setting. Child Life programs seek to promote optimum development of children, adolescents, and families within a healthcare setting by helping to maintain normal living patterns and minimizing psychological trauma. Various theoretical positions related to the field (including but not limited to child development, play, stress, illness, trauma, and bereavement) will be described and their implications discussed. Classroom activities and assignments will help to develop relevant clinical skills including therapeutic play techniques, procedural preparation and support, coping strategies, child assessment, promoting advocacy/family-centered care, and health education. Official documents created by the Child Life Council, the certifying body for the field, will be reviewed, in addition to other seminal Child Life publications. The necessity for evidence-based practice will be discussed and relevant empirical studies will be presented (including those conducted in analogous academic fields such as developmental pediatrics and behavioral medicine).
Prerequisite: PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 388 Learning and the Experimental Analysis of Behavior 3 Credits
Students will review principles of behavior covered in PSY 212 Intro to ABA (or PSY 225 Learning Theory) and move into more complex concepts and principles of behavior analysis including respondent behavior, respondent conditioning, motivating operations, schedules of reinforcement, and verbal operants. Students will also learn elements of behavior change and specific behavior-change procedures including verbal behavior training, discrete trial training, interventions based on motivating operations and discriminative stimuli, and stimulus equivalence procedures.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 389 Professional Issues in ABA 3 Credits
This course will provide students interested in working in the field of applied behavior analysis at the bachelor's level content based on the task list of the Behavior Analyst Certification Board (BACB) The course covers ethical and professional considerations relevant to the profession of applied behavior analysis as well as ethical and disciplinary standards of the profession. In addition, the course covers behavioral assessment and intervention, competency-based training, and evaluating the effectiveness of behavioral programs. Students will also have the opportunity to read seminal and current research literature on the topics.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 395 Special Topics in Psychology 3 Credits
This course examines contemporary issues in psychology, with the particular topic varying each time it is offered. New directions in the field and/or current controversies will be the focus. Past offerings include Positive Psychology, Creativity, and Brain Games.
Prerequisite(s):)PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 400 Senior Seminar 3 Credits
This capstone course will provide a synthesis and evaluation of important critical issues in psychology, such as the role of modern psychology in solving social problems, the scientific vs. human services perspectives on behavior, emotion, and cognition; and the nature of mental illness and well-being. Students will be expected to draw broadly from their education in psychology; to grapple with conflicting points of view; and produce professional-quality writing, oral or multimedia presentations.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 75 credits.

PSY 450 Advanced Research Methods in Clinical Psychology 4 Credits
This advanced research methods lecture and lab provides a capstone experience in measurement, assessment, research methods, and data analysis within clinical psychology. The focus of the course will be on using research tools to answer practical questions about psychopathology (e.g., what is an extreme score on a depression scale?) and treatment effectiveness (are there improvements in anxiety scores based on participation in a program?). Content will also emphasize the importance of recruiting diverse samples and assessment of individuals of diverse cultural and social backgrounds. Regarding research methods, students will examine various research designs and how design decisions impact data analysis and interpretation. Students will work in teams to conduct a study in which they apply their learning to develop a series of hypotheses, collect and analyze data, and ultimately present their findings in APA format. This course is designed to build on students' understanding of research methods in prior courses and can help prepare students for graduate school with a counseling, clinical, or social work focus.
Prerequisites: PSY 201 with a minimum grade of B, PSY 3xx/3xxL with a minimum grade of B, and Earned Credits: 75.

PSY 450L Advanced Research Methods in Clinical Psychology Lab 0 Credits
This course is a co-requisite for the corresponding course.
Prerequisite(s): PSY 201 with a minimum grade of B, PSY 3xx/3xxL with a minimum grade of B, and Earned Credits: 75.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

PSY 491 Internship in Psychology 1-4 Credits
Provides supervised work experience in an approved institution or agency in order for students to gain knowledge in applications of psychology. Placement is made in various community institutions and agencies that offer services to both exceptional and normal individuals. Prerequisite(s): senior psychology majors or minors.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 75 credits.

Public Health Certificate

Overview

The COVID-19 epidemic increased interest and focus on public health and the practices of public health professionals. The Public Health Certificate addresses different approaches to solving complex health concerns. Students in existing health-related programs (i.e., health sciences, health care management, health care policy, etc) will have the opportunity to explore these concepts in classroom education while experiencing the concepts in practice through field-based, experiential learning. This certificate will provide a new lens for students to explore health and health-related concerns from a public/population level, affording them an opportunity to apply their knowledge and experiences (i.e, science, management, policy, psychology, etc).

Students will explore the foundations of public health through both didactic and experiential/field based learning experiences. This program will provide additional perspective into solving the complex issues around human health, while providing students the opportunity to gain valuable experience toward a career path (with additional graduate training). This program will serve both current and prospective undergraduate students and prospective part-time students (adult learners, community members) seeking to increase their understanding and knowledge of public health practices.

Certificate Offered

- Certificate in Public Health

Contact

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Program Website: Public Health Certificate (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/certificates/public-health/)
Associated Department: Health Sciences and Nursing

Related programs:

- Behavioral Neuroscience (p. 49)
- Biology (p. 83)
- Chemistry (p. 104)
- Health Sciences (p. 319)
- Physics (p. 445)

Public Health Certificate Requirements

(10-13 credits)

Code	Title	Credits
Required Courses:		
HSC 150	Introduction to Public Health	3
HSC 250	Introduction to Epidemiology	3
HCP 303	Global Health and Human Rights	3
HSC 491	Internship in Health Sciences	1-4
or HTH 491	Health Management Internship	
Total Credits		**10-13**

Courses and Descriptons

HSC 150 Introduction to Public Health 3 Credits
Public Health is the science of protecting, promoting, and improving the health of people and the communities where they live, learn, work, and play. Students will gain an understanding of the history and functions of public health, strategies and methods used in public health research, and the determinants of health.

HSC 250 Introduction to Epidemiology 3 Credits
Epidemiology is the study of distribution and determinants of defects, disease, and injury in human populations and the application of that study to assess the magnitude of health problems and the result of interventions designed to control them. This course is designed to introduce students to the basic principles, methods, and uses of epidemiology to better understand and characterize health and disease at a population level. The role of epidemiological evidence in planning and evaluation will be also be explored.
Prerequisite(s): MTH 102 or higher OR MSD 105 or higher OR POI.

HCP 303 Global Health and Human Rights 3 Credits
This course introduces students to the basic concepts of human rights and their links to national/global health, as well as to issues where human rights and health collide. Students will become familiar with global efforts for developing practical and effective responses to global health challenges with a human rights framework.

HSC 491 Internship in Health Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty member and should include keeping a journal of activities, a term paper or project report and an oral or poster presentation.
Prerequisite(s): 2.5 GPA required.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance. **Prerequisite**(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

Public Relations

Program Overview

Public relations is one of the fastest-growing and most rewarding professions in today's information-based global economy. In the public relations major, students learn how organizations and individuals proactively manage communication opportunities and challenges to maintain a favorable public image. Students explore how to cultivate and maintain productive relationships with clients, the media and opinion leaders, while sharpening their skills through case studies, hands-on assignments and current trends. In the capstone course, students work with local corporate and nonprofit clients to learn all facets of planning and executing a public relations campaign.

Outside of the classroom, students have the opportunity to join the nationally recognized Rider chapter of the Public Relations Student Society of America (https://www.instagram.com/prssarider/?hl=en) (PRSSA). Rider PRSSA offers members opportunities to meet leaders in the field through agency tours, guest speakers, workshops, professional mentoring, and trips to regional and national conferences. In addition, public relations majors are encouraged to gain experience by working as interns in public relations agencies, as well as industries such as fashion, sports, the arts, healthcare, government and more.

Curriculum Overview

Core classes in the major include public relations, social media, public relations writing and strategy, feature writing, publication design, communication research methods, and cases and campaigns in public relations. To round out the major, students also choose classes to build additional skills in areas such as intercultural communication, event planning and marketing, as well as classes to explore career options.

Degree Offered

- B.A. in Public Relations
- Minor in Public Relations

Contact

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Program website: Public Relations (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/public-relations/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Social Media Strategies (p. 512)
- Communication Studies (p. 114)
- Event Planning and Production (p. 261)
- Journalism (p. 346)
- Sports Media (p. 538)
- Arts & Entertainment Industries Management (p. 39)
- Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/marketing/)
- Graphic Design (p. 301)

Public Relations Major Requirements

(48 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core		**21**
COM 105	Communication, Culture and Media	
COM 107	Writing for the Media	
COM 131	Fundamentals of Video Production	
COM 204	Advanced Speech Communication	
COM 264	Digital Media: Theory and Practice	
COM 301	Communication Law	
COM 302	Communication Ethics	
Public Relations Major Requirements		
Complete all of the following courses:		**24**
COM 203	Introduction to Social Media	
COM 212	Digital Publication Design	
COM 240	Public Relations	
COM 310	Crisis Communication	
COM 316	Feature Writing	
COM 341	Public Relations Writing and Strategy	
COM 348	Communication Research Methods	
COM 440	Cases & Campaigns in Public Relations	
Select two courses from the following:		**6**
COM 252	Intercultural Communication	
COM 253	Organizational Communication	
COM 254	Intro to Health Communication	
COM 280	Issues in Event Planning	
COM 304	Rhetoric for Politics and Law	
COM 320	Negotiations	
COM 330	Documenting Cultures Through Travel	
COM 347	Sports Communication	
COM 361	Photography	
COM 393	International Communication	
COM 491	Internship in Communication	
MKT 200	Marketing Principles	
Total Credits		**51**

Notes:

1. Students may not carry a double major within the department. Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.
2. If a student receives a grade lower than "C" in a course required in a major or minor in the department the student must repeat the course. Credit will only be awarded once for a course that is repeatable. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Public Relations Minor

(18 credits)

Code	Title	Credits
COM 107	Writing for the Media	3
COM 203	Introduction to Social Media	3
COM 240	Public Relations	3
COM 341	Public Relations Writing and Strategy	3
COM 348	Communication Research Methods	3
COM 440	Cases & Campaigns in Public Relations	3
Total Credits		**18**

[1] Note: Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department. (Exception: If a student elects the Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.)

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 105	Communication, Culture and Media	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 107	Writing for the Media	3
Social Perspectives		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 240	Public Relations	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 212	Digital Publication Design	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 203	Introduction to Social Media	3
COM 204	Advanced Speech Communication	3
COM 348	Communication Research Methods	3
Public Relations Elective, Skills-Based Course		3
Elective Course Credits		3
	Semester Credit Hours	**15**
Spring Semester		
COM 301	Communication Law	3
COM 316	Feature Writing	3
Public Relations Elective, Career-Based Course		3
Elective Course Credits		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 341	Public Relations Writing and Strategy	3
Elective Course Credits		9
	Semester Credit Hours	**15**
Spring Semester		
COM 440	Cases & Campaigns in Public Relations	3
Elective Course Credits		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

[1]

For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

[2]

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance – that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements.
Prerequisite(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/ reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Publishing and Professional Writing

Overview

The Certificate in Publishing and Professional Writing enables students in any major to earn a separate career-focused credential. This 12-credit program is designed to fortify qualifications for employment in many fields and enhance preparation for success in the workplace. Students may choose from a range of applied-writing courses regularly offered by the Department of English.

Admission Requirements

Admission to the program requires completion of CMP 125 with a final grade of C+ or better. English majors are eligible to apply.

Degree Offered

- Certificate in Publishing and Professional Writing

Contact

Mickey Hess, Ph.D.
Professor
Department of English
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Fine Arts
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Associated Department: Department of English (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/english/)

Publishing and Professional Writing Certificate Requirements

To earn the Certificate in Publishing and Professional Writing, students must complete the selected courses with an average grade of B or better. In addition, students must submit a final e-portfolio representing their best work from each of the courses taken, including a short commentary on each piece. The portfolio must meet Department of English standards for competency and completeness.

(12 credits)

Code	Title	Credits
Select four courses from the following:		**12**
ENG 236	Applied Grammar & Syntax	
ENG 318	Food Writing	
ENG 320	Editing for Literary Publishing	
ENG 321	Business and Professional Contexts	
ENG 322	Grant Proposals, Fundraising and Development	
ENG 323	Reviewing and Publishing	
ENG 324	Writing for Online Audiences	
ENG 325	Jobs in Book Publishing	
ENG 326	Editing for Academic Publishing	
ENG 336	Grammar and Style	
ENG 405	Advanced Prose Style	
ENG 407	Advanced Workplace Writing	
ENG 490	Independent Study: Research and Creative Expression	
Total Credits		**12**

ENG 236 Applied Grammar & Syntax 3 Credits
This course offers a review of the essential elements of English grammar and syntax and fosters understanding of how these elements work in notable argumentative and expository writing as well as in the student's own compositions. Focus is on both expert reading and effective writing. Changing attitudes toward usage, including influence of digital media on language use, are discussed. May be taken as preparation for, or independently of ENG 336, which addresses grammar, syntax, and style at a more advanced level.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 318 Food Writing 3 Credits
Food Writing is a thematically based course in essay writing. It develops students' ability to write effective informal prose while also extending their knowledge about food sources, preparation, and consumption. They learn through readings and exercises, however, that food writing is about more than food. It encompasses the pleasures of the table, history, culture, science, and politics.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 320 Editing for Literary Publishing 3 Credits
This course introduces students to the process of publishing literary magazines and books. Student will learn all aspects of publishing from solicitation of manuscripts to the production of copy. Specific skills will include copyediting, proofreading, and layout.

ENG 321 Business and Professional Contexts 3 Credits
Students practice writing effectively to achieve specific purposes in typical business and professional workplace environments. Genres include various kinds of internal and external communication, including print and social media, for a range of audiences.
Prerequisite(s): CMP 125 or COM 203 or BHP 150 or permission of instructor.

ENG 322 Grant Proposals, Fundraising and Development 3 Credits
Students employ their analytical and writing skills to research and write grants for non-profit organizations in their local or regional communities. Fundraising and development activities on behalf of area organizations introduce them to career opportunities in this growing field.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 323 Reviewing and Publishing 3 Credits
Students learn to write arts and literary criticism through studying the work of prominent critics in literature, theatre, film, dance, visual arts, and music. Students learn how to market themselves as potential reviewers for print and online publications.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 324 Writing for Online Audiences 3 Credits
This course will help students adapt their writing to online environments. A writing- intensive course grounded in rhetorical principles, it focuses upon planning, writing and producing online texts distributed entirely through virtual portals. Genres include E-mail, instant messages, text messages, blogs, wikis, workplace social-media, and online team collaborations.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 325 Jobs in Book Publishing 3 Credits
Students will practice the forms of writing used by literary agents and publishing professionals working in acquisitions, editorial, and production at trade, academic, and small literary presses. These forms may include the query letter, book proposal, reader's report, and marketing plan.
Prerequisite(s): Completion of composition requirements or permission of instructor.

ENG 326 Editing for Academic Publishing 3 Credits
The course will provide an overview of academic publishing with an emphasis on peer-reviewed scholarly journals. Students will learn firsthand the process of publishing a scholarly journal, from soliciting manuscripts to laying out copy. Assignments may include mastering the standard system of proofreading marks; copyediting, fact-checking and source-checking manuscripts; and correcting page proofs. Students will learn about style sheets, style manuals and reference books; document management; and professional communication standards for querying authors and reviewers.
Prerequisite(s): completion of composition requirements (CMP 125, CMP 203, or BHP 150 with a grade of C) or permission of instructor.

ENG 336 Grammar and Style 3 Credits
By building a comprehensive knowledge of the conventions of English grammar, punctuation and syntax, students will learn how to analyze the way words, phrases, sentences, and paragraphs work in expert writing, and they will apply this knowledge to their own writing. Emphasis is on argument, exposition, and analysis.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 405 Advanced Prose Style 3 Credits
Students analyze prose styles in English from the Renaissance to the present, focusing on the development of syntax, diction, and content. Students will be encouraged to imitate stylistic models and to develop their own prose style.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 407 Advanced Workplace Writing 3 Credits
Students will learn to adapt their writing skills to match specialized writing needs in publishing; corporate and personal finance; health, medicine, science, and technology. This course helps students build a portfolio and introduces them to corporate and freelance writing opportunities in our NJ/PA/NY area.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. To count toward the Certificate in Workplace Writing, an ENG 490 project must focus on workplace-related writing and be structured to include substantial formative feedback and revision. No more than one ENG 490 may be counted toward the certificate.
Prerequisite(s): completion of composition requirements or permission of instructor.

Radio and Podcasting

Program Overview

Students majoring in Radio and Podcasting have the opportunity to participate in classes tailored especially to their interests. They learn the secrets behind creating successful studio productions in small, hands-on classes in the Department of Communication, Journalism and Media's state-of-the-art radio studio and media labs. In addition to class projects, internships and co-ops, students gain valuable experience in producing their own radio programs and podcasts, even during their first year at Rider.

In 2023, Rider's own radio station, 107.7 The Bronc (https://www.1077thebronc.com), was named Best College/University Radio Station by the Intercollegiate Broadcasting System Media Awards. In addition to getting involved with the radio station, students might also expand their interests by participating in The Rider News (https://www.theridernews.com/), The Rider University Network (http://runetwork.weebly.com), and taking part in the Semester in LA (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/semester-in-la/) program where students spend an entire semester studying and working in Los Angeles for major media companies.

Curriculum Overview

Core classes in the Radio and Podcasting major include writing for broadcast, audio production, advanced topics in podcasting and radio, and music production for mass media, among others. Students also choose a capstone experience that fits their interest from radio station operations, a hands-on internship, or a creative project.

Degree Offered

- B.A. in Radio and Podcasting
- Minor in Radio and Podcasting

Contact

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Program website: Radio and Podcasting (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/radio-podcasting/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs:

- Communication Studies (p. 114)
- Film and Television (p. 904)
- Game & Interactive Media Design (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/gaming-interactive-media-design/)
- Graphic Design (p. 301)
- Journalism (p. 346)
- Public Relations (p. 482)
- Popular Music Studies (p. 459)
- Social Media Strategies (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/social-media-strategies-minor/)
- Sports Media (p. 538)

Radio and Podcasting Major Requirements

(45 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core		
COM 105	Communication, Culture and Media	3
COM 107	Writing for the Media	3
COM 131	Fundamentals of Video Production	3
COM 204	Advanced Speech Communication	3
COM 264	Digital Media: Theory and Practice	3
COM 301	Communication Law	3
COM 302	Communication Ethics	3
Podcasting and Radio Major		
COM 232	Podcasting I	3
COM 233	Writing for Broadcast	3
COM 234	Audio Production	3
COM 332	Topics in Advanced Podcasting and Radio	3
COM 337	Music Production for Mass Media	3
COM 338	Writing for Broadcast II	3
COM 434	Advanced Structure of Sound in Podcasting and Radio	3
Select one of the following:		**3**
COM 432	Radio Station Operations Capstone	
COM 490	Independent Study: Research and Creative Expression	
COM 491	Internship in Communication	
Total Credits		**45**

[1]

Students may not carry a double major within the department. Communication and journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.

[2]

If a student receives a grade lower than "C" in a course required in a major or minor in the department, the student must repeat the course. Credit will only be awarded once for a course that is repeatable. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Radio and Podcasting Minor Requirements

(21 credits)

Code	Title	Credits
Required Courses		
COM 232	Podcasting I	3
COM 233	Writing for Broadcast	3
COM 234	Audio Production	3
COM 332	Topics in Advanced Podcasting and Radio	3
COM 337	Music Production for Mass Media	3
COM 338	Writing for Broadcast II	3
COM 434	Advanced Structure of Sound in Podcasting and Radio	3
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 105	Communication, Culture and Media	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 107	Writing for the Media	3
Social Perspectives		3
	Semester Credit Hours	**15**

Year 2		
Fall Semester		
COM 234	Audio Production	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 131	Fundamentals of Video Production	3
COM 233	Writing for Broadcast	3
Aesthetic Perspectives: Literature		3
Foreign Language		3
Philosophical Perspectives		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 204	Advanced Speech Communication	3
COM 232	Podcasting I	3
COM 301	Communication Law	3
COM 338	Writing for Broadcast II	3
Elective Courses [2]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 332	Topics in Advanced Podcasting and Radio	3
COM 337	Music Production for Mass Media	3
Elective Courses [2]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 434	Advanced Structure of Sound in Podcasting and Radio	3
Elective Courses [2]		9
	Semester Credit Hours	**15**
Spring Semester		
COM 432 or COM 490 or COM 491	Radio Station Operations Capstone or Independent Study: Research and Creative Expression or Internship in Communication	3
Elective Courses [2]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance — that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/ instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements. **Prerequisite**(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Research Methods in Psychology Certificate

Overview

The Certificate in Research Methods will prepare students for graduate study in many social and behavioral science areas. In addition, it will provide a background in research that will enable students to find employment as research assistants, engaged in data collection, coding, and analysis, after completing their undergraduate degrees. Finally, it will equip students with an informal credential that may be appealing in areas of employment where production, manipulation, and interpretation of data is an important function. Courses include an introductory level research methods course, upper-level research methods courses, a statistics course, and the opportunity to conduct independent research under the supervision of a faculty member

Degree Offered

- Certificate in Research Methods in Psychology

Contact

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Professor and Chairperson
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School of Humanities and Social Sciences
Hennessy Science and Technology Center 320E
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Associated Department: Psychology (p. 461)

Research Methods in Psychology Certificate Requirements

(18-21 credits)

Code	Title	Credits
Required Courses:		
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	4
PSY 201	Statistics and Research Design	3
PSY 315	Psychological Tests	3
PSY 490	Independent Study: Research and Creative Expression	3-4
Select two of the following:		**8**
PSY 302 & 302L	Research Methods: Cognition and Research Methods: Cognition Lab	

PSY 303 & 303L	Research Methods: Social Psychology and Research Methods: Social Psychology Lab
PSY 306 & 306L	Research Methods: Sensation & Perception and Sensation & Perception Lab
PSY 329 & 329L	Research Methods in Organizational Psychology and Research Methods in Organizational Psychology
PSY 335 & 335L	Research Methods: Human Cognitive Neuroscience and Research Methods: Human Cognitive Neuroscience Lab
PSY 336 & 336L	Research Methods: Animal Learning & Behavior and Animal Learning and Behavior Lab
PSY 339 & 339L	Research Methods in Applied Behavior Analysis and Research Methods in ABA Lab
PSY 340 & 340L	Research Methods: Group Dynamics and Group Dynamics Lab
PSY 350 & 350L	Research Methods: Developmental Psychology and Developmental Psychology Lab
Total Credits	**21-22**

Courses and Descriptions

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of “C” in PSY 105.

PSY 315 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

PSY 302 Research Methods: Cognition 4 Credits
Provides students with an in-depth coverage of the expanding field of cognition and memory. Addresses issues and research within the field. Emphasis is on current views of human memory. Students learn how to design and conduct their own experiments from the topic areas of information processing, psycholinguistics, problem solving, learning and memory, social cognition, and cognitive neuroscience. Laboratory skills include programming computers, developing multimedia stimuli, recording psycho- physiological data, and composing an APA-format research report in a network-based writing lab. Prerequisite(s): (PSY 100 or PSY102 or PSY110 or PSY131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 302L.

PSY 302L Research Methods: Cognition Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisite(s): PSY 302.

PSY 303 Research Methods: Social Psychology 4 Credits
Covers research methodology within the context of social psychology (i.e., topics include altruism, aggression, attraction and social perception). Both experimental and descriptive methodologies will be covered. Students learn about various aspects of the research process (e.g., design and execution of a social psychological study, analyzing and interpreting the results). Students also learn to integrate their research findings to produce an APA-style paper. Students use computer-based word processing and statistical analysis packages to achieve these goals. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 303L.

PSY 303L Research Methods: Social Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisites(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisites: PSY 303.

PSY 306 Research Methods: Sensation & Perception 4 Credits
Provides instruction in research design, research methods, and integration of data analysis and methodology within the content framework of sensation and perception. All the general psychology research methods are taught. Special emphasis is given to the study of human vision and audition. Students design, conduct, and report laboratory research in the areas of sensation and perception. The computer-based components of the laboratory include lessons on interactive software instrumentation for research, and network-based technical writing using APA format. Projects are conducted during the term. Each student uses a dedicated networked Macintosh computer to: a) develop and generate research stimuli and procedures, b) analyze and report research data, and c) write formal research reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 306L.

PSY 306L Sensation & Perception Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 306.

PSY 329 Research Methods in Organizational Psychology 4 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 329L Research Methods in Organizational Psychology 0 Credits
This course covers the general areas of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 335 Research Methods: Human Cognitive Neuroscience 4 Credits
Covers the interdisciplinary study of the nervous system integrating neurobiology, physiology, pharmacology, and psychology as explanations for both normal and pathological human behavior. Topics integrate molecular levels of analysis, such as neuron structure and function, neurotransmitters, action potentials, and receptors, with molar levels, such as sensory and hormonal processes, learning and memory, emotions, drug use, and biological rhythms. Introduces research techniques used to study the function of the nervous system and the neural bases of behavior in humans. Neuroanatomical, electrophysiological, pharmacological, and neuropsychological assessment techniques may be explored as part of laboratory or field research projects designed in collaboration with the instructor. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 335L.

PSY 335L Research Methods: Human Cognitive Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 335.

PSY 336 Research Methods: Animal Learning & Behavior 4 Credits
Provides a comprehensive overview of the acquisition and modification of the behavior of animals, especially on laboratory strains of rodents and pigeons. Core topics include respondent and operant conditioning, animal cognition, observational learning, animal safety and welfare, single-subject and between-groups approaches to methodology, and the statistical analysis of the results of studies of behavior. The laboratory component of the course provides a comprehensive overview of animal handling and maintenance, animal welfare, and the recording of experimental results. Two substantial projects are undertaken; demonstration of a conditioned taste aversion and its effect upon the acquisition and extinction of an operant (bar press) response and subsequent discrimination and reversal learning. Results of both projects are written into APA-formatted reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 336L.

PSY 336L Animal Learning and Behavior Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 336.

PSY 339 Research Methods in Applied Behavior Analysis 4 Credits
This upper-level laboratory course will provide students with an in-depth study of the principles and applications of Applied Behavior Analysis. Students will examine behavioral principles, ethical considerations, and real-life applications of ABA. Each student will design and implement a self-management plan to alter the behavior of their choosing. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and PSY 212 and a minimum grade of "C" in PSY 201 .
Corequisite(s): PSY 339L.

PSY 339L Research Methods in ABA Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and Psy212 and a minimum grade of "C" PSY 201.
Corequisite(s): PSY 339.

PSY 340 Research Methods: Group Dynamics 4 Credits
Focuses on selected issues pertaining to group dynamics. Emphasizes an understanding of the personality and social factors that influence the functioning of unstructured and task-oriented groups. Students participate in a task group for the purpose of conducting a comprehensive research project on selected issues in group dynamics and the psychology of groups. The task group prepares an APA-style paper describing their research as well as an in-class presentation. Each student also submits a midterm and final written analysis of the interactional processes and development of the task group. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340L.

PSY 340L Group Dynamics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340.

PSY 350 Research Methods: Developmental Psychology 4 Credits
Focuses on one or more research areas in cognitive, personality, or social development. Includes an overview of major theoretical approaches to age-related change. Students review original research on selected aspects of behavioral change. The laboratory component of the course presents an overview of developmental research designs and methods focusing on the measurement of age-related changes in psychological functioning. Students conduct field research projects designed in collaboration with the instructor and prepare an APA-style research report. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350L.

PSY 350L Developmental Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350.

SAP Student Recognition Award Certificate

Program Overview

As a member of the SAP University Alliances program, Rider's Norm Brodsky College of Business offers the *SAP Student Recognition Award* certificate to students who satisfactorily complete a minimum of three courses with at least one-third SAP hands-on content in each course. Students who earn the award will demonstrate the depth and breadth of their knowledge using state-of-the-art software, developing valuable skills relevant to their careers and chosen fields.

SAP is the global leader in enterprise application software, with more than 170,000 customers in more than 120 countries. They provide enterprise resource planning (ERP), business intelligence (BI) and related applications and services that enable companies of all sizes and in more than 25 industries. Global demand for certified SAP professionals increases every year. Hit the ground running at companies using SAP software!

Certificate Offered

- SAP Student Recognition Award Certificate Program

Contact

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Program Website: SAP Student Recognition (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-majors-programs/sap-student/)
Associated Department: Information Systems, Analytics, and Supply Chain Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/faculty-departments/info-systems-analytics-supply-chain/)

Related Programs

- Accounting (p. 19)
- Business Administration (p. 91)
- Global Supply Chain Management (p. 295)
- Information Systems (p. 337)
- Marketing (p. 386)

SAP Student Recognition Award Certificate Requirements

(9 credits)

Students who complete three of the following SAP integrated CIS courses with a grade of "C" or better are eligible to receive the SAP Recognition Award Certificate. (Students who plan to take any of these courses specifically to obtain the certificate should check with the instructor to ensure the required SAP content will be covered that semester.)

Code	Title	Credits
Choose three of the following:		
CIS 315	Integrated Business with SAP	
CIS 360	Data Mining	
GSC 385	Management Information Systems for Global Supply Chain Management	
CIS 430	Enterprise Integration	
Total Credits		9

Courses and Descriptions

CIS 315 Integrated Business with SAP 3 Credits
This course provides an introduction to enterprise resource planning (ERP) systems and addresses how integrated information systems improve business operations. Students will learn about functional business areas and business processes, and understand the problems inherent in un-integrated enterprise information systems. Using SAP software and case studies, students will learn how ERP systems are being used to facilitate integrated, real-time management decision making.
Prerequisite(s): CIS 185 and ACC 210.

CIS 360 Data Mining 3 Credits
This course deals with modern technologies for data analysis. Hands-on exercises for data retrieval, data visualization and predictive analytics will be carried out using up-to-date methodologies and software tools. The full data mining life cycle will be covered from recognizing business problems and opportunities amenable to data mining analysis through deploying and monitoring solutions.
Prerequisite(s): CIS 185 with a minimum grade of D .

GSC 385 Management Information Systems for Global Supply Chain Management 3 Credits
The purpose of this junior level management information systems course is to prepare students for today's dynamic business environment by increasing their understanding of IT-enabled global information processing and management. This course has a specific emphasis on the impact and effective utilization of information systems and technology for the global supply chain. Students will gain a solid understanding of the value of business process integration through a combination of conceptual learning, business process analysis, and collaborative decision-making. This will be facilitated through hands-on experience with SAP ERP and analytical software as well as Microsoft Excel.
GSC 385 is required for the Global Supply Chain Management major and can fulfill the CIS 385 requirement for all business majors. Please note: Students will not receive credit for both GSC 385 and CIS 385 without prior approval by the Dean's office.
Prerequisite(s): CIS 185 and junior standing.

CIS 430 Enterprise Integration 3 Credits
The major focus of this course includes the forces driving enterprise integration as well as the management decisions associated with the design and implementation of enterprise systems. Students will use SAP ERP extensively to configure, build, test, and implement an enterprise system for a real business environment from the ground up.
Prerequisite(s): CIS 315.

Sales

Program Overview

The Sales Minor is complementary to a wide range of majors in that it prepares students to effectively and persuasively represent an organization's offerings in negotiation and exchange situations. The employment outlook for sales positions is positive in a variety of industries such as manufacturing, wholesale, insurance, real estate and financial services. The core of the minor establishes a solid base of concepts and skills in sales and negotiation while elective courses allow students to focus on complementary knowledge areas and/or industries.

The minor is available to both business and non-business majors.

As a member of the SAP University Alliances program, Rider's Norm Brodsky College of Business also offers the SAP Student Recognition Award certificate to students who satisfactorily complete a minimum of three courses with at least one-third SAP hands-on content in each course. Students who earn the award will demonstrate depth and breadth of their knowledge using state-of-the-art software, developing valuable skills relevant to their careers and chosen fields. For more information, please visit:

https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate-programs/sap-student-recognition

Degree Offered

- Minor in Sales
- Minor in Sales with SAP Student Recognition Award Certificate

Contact

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Program Website: Sales Minor (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/business-administration/sales-minor/)
Associated Department: Department of Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/faculty-departments/marketing/)

Related Programs

- Business Administration (p. 91)
- Finance (p. 269)
- Marketing (p. 386)
- Global Supply Chain Management (p. 295)
- Information Systems (p. 337)

Sales Minor Requirements

(18 credits not including prerequisite coursework)

Code	Title	Credits
MKT 340	Personal Selling	3
MKT 440	Sales Management	3
MGT 346	Negotiation	3
Select three of the following electives:		9
BUS 210	Intro to Law: Contracts	
CIS 315	Integrated Business with SAP	
CIS 360	Data Mining	
CIS 390	Project Management	
CIS 430	Enterprise Integration	
FIN 200	Managing Your Money	
or FIN 305	Personal Financial Planning	
MGT 363	Management Skills	
MKT 260	Service Marketing	
MKT 310	Business to Business Marketing	

MKT 320	Consumer Behavior	
Total Credits		**18**

Sales Minor with SAP Student Award Certificate

Code	Title	Credits
Students must take three of the following electives in addition to the three required courses for a total of 18 credits:		
CIS 315	Integrated Business with SAP	
CIS 360	Data Mining	
CIS 430	Enterprise Integration	
GSC 385	Management Information Systems for Global Supply Chain Management	

The sales minor is open to all students at the University. For students pursuing a major in the Norm Brodsky College of Business, no more than two courses in the minor can be double counted as satisfying either core or major requirements.

Courses and Descriptions

BUS 210 Intro to Law: Contracts 3 Credits
An introduction to the origin of current law, with emphasis on the development of business law, students are exposed to legal terminology and acquainted with the system of application of rules of law to actual situations. The laws of contracts, particularly common-law developments, are considered in great detail.

CIS 315 Integrated Business with SAP 3 Credits
This course provides an introduction to enterprise resource planning (ERP) systems and addresses how integrated information systems improve business operations. Students will learn about functional business areas and business processes, and understand the problems inherent in un-integrated enterprise information systems. Using SAP software and case studies, students will learn how ERP systems are being used to facilitate integrated, real-time management decision making.
Prerequisite(s): CIS 185 and ACC 210.

CIS 390 Project Management 3 Credits
This course introduces students to general project management, the process of organizing resources to achieve business goals. Topics include the identification, approval, analysis, and general management of complex business projects. Project management tools, reports, techniques, and approaches will be covered.
Prerequisite(s): CIS 185.

CIS 430 Enterprise Integration 3 Credits
The major focus of this course includes the forces driving enterprise integration as well as the management decisions associated with the design and implementation of enterprise systems. Students will use SAP ERP extensively to configure, build, test, and implement an enterprise system for a real business environment from the ground up.
Prerequisite(s): CIS 315.

FIN 200 Managing Your Money 3 Credits
An introduction to the analysis of a wide range of financial decisions which individuals encounter over their careers and lifetime. Topics include financial goals, tax planning, home ownership versus renting, consumer credit, money management and investments, and managing risk with insurance. This course is open to all Rider students, and it counts as a free elective or a business elective. It cannot be used as finance elective.

FIN 305 Personal Financial Planning 3 Credits
This course focuses on practical issues and problems involving personal financial budgeting, use of credit, selection of banking services, insurance needs, real estate, investments, tax planning, and retirement planning. An important objective of the course is to provide the student with the tools that are utilized in making personal financial decisions and how to apply those tools for a variety of financial needs.
Prerequisite(s): FIN 220.

GSC 385 Management Information Systems for Global Supply Chain Management 3 Credits
The purpose of this junior level management information systems course is to prepare students for today's dynamic business environment by increasing their understanding of IT-enabled global information processing and management. This course has a specific emphasis on the impact and effective utilization of information systems and technology for the global supply chain. Students will gain a solid understanding of the value of business process integration through a combination of conceptual learning, business process analysis, and collaborative decision-making. This will be facilitated through hands-on experience with SAP ERP and analytical software as well as Microsoft Excel.
GSC 385 is required for the Global Supply Chain Management major and can fulfill the CIS 385 requirement for all business majors. Please note: Students will not receive credit for both GSC 385 and CIS 385 without prior approval by the Dean's office.
Prerequisite(s): CIS 185 and junior standing.

MGT 346 Negotiation 3 Credits
The purpose of this course is first, to explore the major concepts and theories behind effective negotiating practices and second, to develop negotiating skills applicable to a wide range of contexts. A knowledge of negotiation is a crucial requirement for anyone interested in a business career since it is a common mechanism for implementing change and for resolving conflict in the workplace. Topics will include two-party negotiations, power and politics, mediation, arbitration, and collective bargaining. A variety of teaching techniques will be used including readings, discussion, and role-playing.
Prerequisite(s): MGT 201 or permission of the instructor.

MKT 260 Service Marketing 3 Credits
Focuses on the unique challenges of managing services and delivering quality service to customers. Emphasis is placed on the total organization, and how effective marketing and customer focus must be coordinated across multiple functions. The course is applicable to service organizations and to organizations that depend on service excellence for competitive advantage. Topics include customer-focused management, and customer satisfaction, retention, lifetime value and profitability. Students will learn to map services, understand customer expectations, and develop relationship marketing strategies.
Prerequisite(s): MKT 200.

MKT 310 Business to Business Marketing 3 Credits
This course examines the business-to-business marketplace, and the planning and control tools used by its entities in managing the product, pricing, promotion, channel and supply chain management strategies.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 320 Consumer Behavior 3 Credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior.
Prerequisite(s): MKT 200.

MKT 340 Personal Selling 3 Credits
Examines persuasive techniques utilized in sales presentations conducted on a person-to-person basis. Major course emphasis is on developing effective selling techniques; understanding the company, its products and the role of the salesperson in implementing product/market strategies; understanding the customers and the selling environment; application of effective sales presentation techniques; recognizing selling opportunities and careers.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 440 Sales Management 3 Credits
By means of lectures, discussions, and case studies, the field of marketing management is analyzed from the viewpoint of sales executives. The responsibilities for planning and administering personal selling operations are emphasized. Considerable attention is given to other activities for which sales executives may be wholly or jointly responsible, such as decision making on promotion and brand management.
Prerequisite(s): MKT 200 and senior standing.

Social Justice Through Civic Engagement

Program Overview

Morally and civically responsible individuals recognizes themselves as a member of a larger social fabric and therefore considers social problems to be at least partly their own. Such an individual is willing to see the moral and civic dimensions of issues, to make and justify informed moral and civic judgments, and to take action when appropriate. The Social Justice through Civic Engagement minor focuses on those populations that are "non-hegemonic" in society, adding to a students' diversity of ideas regarding these groups.

Curriculum Overview

The minor is available to students from all colleges/schools, allowing them to combine rigorous coursework with experiential learning.
The coursework provides students with an academically meaningful foundation from which they can put their experiences in a larger social context. The broad range of courses available address social topics such as economics, politics, ethnicity, culture, or gender, fostering discussions that allow a student to reflect on their own experiences and consider new solutions to social problems.

Degree Offered

- Minor in Social Justice through Civic Engagement

Contact

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Associated Department: Sociology and Criminology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/sociology/)

Related Programs

- Criminal Justice (p. 132)
- Education (p. 666)
- History (p. 323)
- Political Science (p. 449)
- Sociology (p. 518)

Social Justice and Civic Engagement Minor Requirements

(18 credits)

Code	Title	Credits
Core Courses		
SOC 230	Foundations of Civic Engagement	3
SOC 245	Social Problems	3
Select two non-hegemonic courses or one non-hegemonic and one civic engagement course from the options below.		**6**
Non-hegemonic studies:		
AMS 212	Multicultural America	
AMS 227	Martin Luther King Jr's America	
AMS 309	Hip Hop and American Culture	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
ENG 230	Women In Literature	
HIS 200	Native American History	
HIS 201	African American History	
HIS 307	The Immigrant in American Life	
HIS 309	Women in American History	
HIS 319	Gender and Sexuality in American History	
PHL 230	Philosophy of the Sexes	
POL 235	Race and Ethnicity in American Politics	
POL 328	Environmental Politics	
POL 363	Human Rights in Global Context	
PSY 118	Psychology of Women	
SOC 207	Racial and Ethnic Relations	
SOC 312	Women in Society	
SOC 313	Gender and Criminal Justice	
Civic Engagement Experience:		
Courses will be approved on an individual basis by the department chairperson.		
Policy/Politics		**3**
Select one from the following list:		
ECO 336	Economics of Health Care Sys	
POL 205	Introduction to Public Policy	
POL 280	Sex & Gender in International Politics	

POL 328	Environmental Politics	
SOC 340	Power and Politics	
SOC 345	Race and Crime	
SOC 346	Health Care and Society	
SOC 350	Social Policy	
Capstone Experience		**3**
Select from the following:		
SOC 490	Independent Study: Research and Creative Expression	
SOC 491	Internship in Sociology	
Total Credits		**18**

Courses and Descriptions

AMS 212 Multicultural America 3 Credits
Focusing primarily on the new century, this course explores the experiences of the remarkably diverse range of ethnic groups who have come to the U.S. in recent years, including Hispanics, Europeans, Asians and Africans. How these groups have impacted the communities where they have settled, how they have interacted with other ethnic groups, and how they have assimilated (or not) and prospered (or not) are among the issues examined and discussed.

AMS 227 Martin Luther King Jr's America 3 Credits
This course studies Martin Luther King Jr's writings, speeches, and sermons, the context of the America he saw in his lifetime, and the implications of his message for today's America and its place in the world. King envisioned a wholly democratic America free of racism, poverty, and military aggression. Students will critically assess the political, economic, and religious thought at the root of his call for change.

AMS 309 Hip Hop and American Culture 3 Credits
Explore hip-hop culture via the music, dance, art, and poetry created in some of the poorest and most segregated neighborhoods in America. Students will examine the social conditions that fostered the creation of hip-hop and delve into a range of issues confronted in hip-hop music and culture.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

ECO 336 Economics of Health Care Sys 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomic tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.
Prerequisite(s): ECO 201 or HTH 205.

ENG 228 Black American Lit 3 Credits
A survey of writings by black Americans, presented historically from early slave narratives through emancipation, reconstruction, the Harlem Renaissance, and literature from the 1930s to the present. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 229 Multi-Ethnic Literature in America 3 Credits
Surveys the literature of various ethnic groups including African Americans, American Indians, Asian Americans, Hispanic Americans, Jewish Americans and European Americans. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 230 Women In Literature 3 Credits
A range of literary presentations of the female experience and of the conditions of women's lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

HIS 200 Native American History 3 Credits
Traces the experiences of North American Indians from early colonial times to the present day, demonstrating how Indian life has varied and changed throughout our nation's history. Topics include strategies of resistance and accommodation to colonial powers, 19th- century impacts of U.S. government removal and cultural assimilation policies, and 20th-century cultural and political developments among the nation's surviving tribes. Rather than "vanishing," American Indians are a vital and expanding force in modern America.

HIS 201 African American History 3 Credits
Examines the actions and thought of peoples of African ancestry in the United States. Briefly considers Africa before the Atlantic slave trade, then concentrates on major themes in African-American history--the slave trade, slavery, and the genesis of African American society, emancipation and its consequences, urbanization and industrialization, Black Nationalism, the Civil Rights Movement, and African Americans today. Emphasizes African Americans' dynamic and creative role both in shaping their society and establishing their place in United States society. The on-going struggle for freedom and equality provides thematic continuity for analyzing nearly 400 years of African-American history.

HIS 307 The Immigrant in American Life 3 Credits
Examines the experiences of immigrants in the United States, their assimilation, the reactions to them, and their contributions.

HIS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

HIS 319 Gender and Sexuality in American History 3 Credits
What makes a man, exactly, and what makes a woman? What kinds of sex are normal, and what kinds are abnormal? Who decides, and why? The answers to these questions are not fixed. Throughout American history, popular understandings of gender and sexual norms evolved in close relationship with the political, economic, racial, and social dictates of the time. This course will trace the evolution of ideas on sec and gender from the 18th century to the present using various historical sources including fiction and film, particular attention will be given to analyzing dominant models of proper behavior and the complex relationships of power enmeshed within them.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 205 Introduction to Public Policy 3 Credits
The course provides students with an introduction to the study of public policy by linking the theoretical with the practical. The course focuses on three areas of analysis: 1) descriptive 2) evaluative and 3) prescriptive. Students will develop skills required to define and critically examine policy problems, articulate relevant decision-making criteria and assess alternative policy options. Last the course provides examples of public policy problems through the substantive policy areas of health, environment and education.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 280 Sex & Gender in International Politics 3 Credits
What's a student of political science, International Relations (IR), or another social science field to do about feminism? This is a question that has troubled IR for decades. While feminist debates engaged people in spaces outside the disciplines of political science and particularly IR, IR scholars did their best not to see the relevance of feminism for their own debates. That did not stop some feminists from rethinking key IR concepts like power, race and the state, but such contributions were largely ignored by IR scholars until very recently. It was only in the last decades, when feminist questions pushed their way onto the IR agenda through books, journals, and conferences, that feminism suddenly seemed attractive to IR scholars. Designed as an interdisciplinary course with a strong reference to Global and International Politics, this course will provide a basic introduction to some of the major global questions as seen through a feminist lens.

POL 327 Contemporary Issues in American Public Policy 3 Credits
An in-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 363 Human Rights in Global Context 3 Credits
Human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as HLS 363. Students may not get credit for both HLS 363 and POL 363.

PSY 118 Psychology of Women 3 Credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 230 Foundations of Civic Engagement 3 Credits
This course is an introduction to civic engagement: its meanings, opportunities and limitations. Students will learn about the different opportunities for civic engagement in the community as well as the theories and skills associated with it. Students will learn the role of formal and informal institutions in community engagement and will identify a specific organization for in depth investigation.
Prerequisite(s): SOC 101.

SOC 245 Social Problems 3 Credits
American social, economic, and political institutions and their interrelationships are analyzed, with an emphasis on the causes, directions, and consequences of social change in American society.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 313 Gender and Criminal Justice 3 Credits
This course will examine women's experiences with the criminal justice system as offenders, victims, prisoners, and practitioners. It will consider how gender has shaped theories of crime and criminological research. It will explore how cultural constructions of gender have influenced substantive and procedural criminal law, the ways criminal justice agencies respond to crime, and how these have changed historically. Attention will be given to the development of new approaches, reforms, and challenges.
Prerequisite(s): SOC 101.

SOC 340 Power and Politics 3 Credits
Examines the nature and distribution of power in contemporary societies; analyzes the relationships between power and politics.
Prerequisite(s): SOC 101.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

SOC 490 Independent Study: Research and Creative Expression 1-4 Credits
Juniors or seniors who have completed at least 12 credit hours in sociology may propose an independent research project with the aid and advice of any full-time faculty member of the department. Proposals must be reviewed and approved by the sponsoring faculty member and submitted to the department's Independent Study Committee at least four weeks prior to the last day of classes for the semester preceding Independent Study.
Prerequisite(s): SOC 101.

SOC 491 Internship in Sociology 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of applications of sociology in work settings and to analyze work settings using sociological knowledge and research methods. Placements are made in business, government, and community offices that utilize sociological knowledge or research skills.
Prerequisite(s): 2.75 GPA.

Social Media Strategies

Program Overview

Social media has forever changed the communication, journalism and media professions. For today's students, being able to effectively plan, manage and evaluate social media as an integrated communication tool has become a requirement for success. The program combines theory and best professional practice with hands-on learning, the development of critical media skills (including writing and multimedia content creation), and the application of strategy and management for a variety of organizational settings. In the capstone course, students work with clients to learn all facets of planning and executing a social media campaign.

In addition, students have the opportunity to practice their professional interests by getting involved in a wide range of media organizations including the Public Relations Student Society of America (https://instagram.com/prssarider/), the Graphic Design Club (https://linktr.ee/ridergraphicdesign/), and our award-winning media including The Rider News (https://www.theridernews.com), 107.7 The Bronc (https://www.1077thebronc.com), and Rider University Network (http://runetwork.weebly.com).

A thriving internship and co-op program routinely offers academic credit and professional experience in a number of prestigious locations.

Curriculum Overview

Core classes in the Social Media Strategies major include introduction to social media, social media content, social media and social change, introduction to web design, podcasting, video production, photography, social media analytics, and a capstone course. Students may also choose from a variety of elective courses to supplement the major.

Degree Offered

- B.A. in Social Media Strategies
- Minor in Social Media Strategies

Contact

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Department Website: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Public Relations (p. 482)
- Journalism (p. 346)
- Communication Studies (p. 114)
- Sports Media (p. 538)
- Radio and Podcasting (p. 493)
- Graphic Design (p. 301)

Social Media Strategies Major Requirements

(48 credits)

Code	Title	Credits
Core Requirements		**21**
COM 105	Communication, Culture and Media	
COM 107	Writing for the Media	
COM 131	Fundamentals of Video Production	
COM 204	Advanced Speech Communication	
COM 264	Digital Media: Theory and Practice	

COM 301	Communication Law	
COM 302	Communication Ethics	
Major Requirements		**27**
COM 203	Introduction to Social Media	
COM 207	Social Media and Social Change	
COM 221 or COM 232	Speaking for Broadcast and Digital Media Podcasting I	
COM 240	Public Relations	
COM 261	Introduction to Web Design	
COM 262 or COM 361	Graphic Imaging for Digital Media Photography	
COM 292	Content for Social Media	
COM 326	Social Media Analytics	
COM 426	Social Media Capstone	
Recommended Elective Courses:		
COM 212	Digital Publication Design	
COM 237	Rhetoric in the Digital Age	
COM 253	Organizational Communication	
COM 265	3D Graphic Animation	
COM 316	Feature Writing	
COM 341	Public Relations Writing and Strategy	
COM 347	Sports Communication	
MKT 200	Marketing Principles	
MKT 375	Digital Advertising and Social Media	
POL 247	Political Campaigning	
ENT 100	Innovation and Entrepreneurship	
AAD 202	Commun/Marketing in Arts	
Total Credits		**48**

Social Media Strategies Minor Requirements

(21 credits)

Code	Title	Credits
Required Courses:		
COM 131	Fundamentals of Video Production	3
COM 203	Introduction to Social Media	3
COM 240	Public Relations	3
COM 261	Introduction to Web Design	3
COM 292	Content for Social Media	3
COM 361	Photography	3
Select one of the following:		**3**
COM 207	Social Media and Social Change	
COM 237	Rhetoric in the Digital Age	
COM 264	Digital Media: Theory and Practice	
Total Credits		**21**

Academic Plan of Study

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
COM 105	Communication, Culture and Media	3
HIS 150	World History to 1500	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 203	Introduction to Social Media	3
Social Perspectives		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 240	Public Relations	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 107	Writing for the Media	3
COM 207	Social Media and Social Change	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Literature		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 204	Advanced Speech Communication	3
COM 221 or COM 232	Speaking for Broadcast and Digital Media or Podcasting I	3
Philosophical Perspectives		3
Elective Course Credits		6
	Semester Credit Hours	**15**
Spring Semester		
COM 261	Introduction to Web Design	3
COM 292	Content for Social Media	3
COM 301	Communication Law	3
Elective Course Credits		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 262 or COM 361	Graphic Imaging for Digital Media or Photography	3
COM 302	Communication Ethics	3
COM 326	Social Media Analytics	3
Elective Course Credits		6
	Semester Credit Hours	**15**
Spring Semester		
COM 426	Social Media Capstone	3

Elective Course Credits	12
Semester Credit Hours	**15**
Total Credit Hours for Graduation	**120**

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For Course Placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements.
Prerequisite(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

AAD 202 Commun/Marketing in Arts 3 Credits
Intended for arts or business majors interested in arts management, this course immerses students in the fundamentals of promoting the arts, from grassroots public relations to basic marketing concepts and applications. Students will have opportunities to interact with professionals in the field and explore career options.
Prerequisite(s): AAD 121 and CMP 125, or permission of instructor.

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

POL 247 Political Campaigning 3 Credits
This course entails the study of campaigning for political office at the federal, state and local levels in the United States. While attention will be given to how the broader political environment and specific factors, e.g., partisanship, hot button issues, local interests, and money, affect the nature of campaigns, the course's primary focus will be on how to organize and conduct a successful and ethical campaign, including how to collect and analyze pertinent data, manage a staff, develop a communications plan, including social media, and get out the vote.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MKT 375 Digital Advertising and Social Media 3 Credits
This course surveys the concepts, principles, practices and industry standards of digital advertising, including standard display and rich media advertising, search advertising, email advertising, game advertising, and mobile advertising. It also introduces the strategies and tactics in social media marketing. The course emphasizes a strategic, holistic view of digital advertising and social media as marketing communication tools that are situated in the marketing strategic framework and employed to engage consumers in community building.
Prerequisite(s): MKT 200; junior & senior standing.

Social Work

Program Overview

The Bachelor of Social Work (B.S.W.) program at Rider University will provide you with the knowledge, skills and training necessary to deliver competent and ethical practice in the social work profession. With a strong focus on diversity, social justice, advocacy and the protection of vulnerable populations, our dynamic program will equip you with the values and ethics essential for equitable practice in the profession. As a result, you'll be prepared to work with individuals, families, organizations and communities from diverse backgrounds in various settings, including healthcare, schools, criminal justice and social services. In addition, B.S.W. graduates are well-equipped to continue their education in a Master of Social Work program.

Our 51-credit program provides students with a comprehensive understanding of social work theory, methods and practice, including social justice, human rights, and cultural competency. Learning will take place across a combination of courses taught by experts in social work and required fieldwork placements in real-world settings.

The Bachelor of Social Work is intended for students interested in a professional career in social work and related areas. Positions for social workers are expected to grow significantly over the next five years and demand is higher than average in New Jersey and the mid-east region. This growth is due to an aging population and adjustments to new treatments, medications, and lifestyles of our population.

A minor in Social Work is also an option for interested students. By completing a sequence of three social work courses, students learn about the development of welfare and social service programs and earn a Minor in Social Work. They will acquire skills in interviewing, case management, and group dynamics; and gain work experience in a social service agency.

** As the program is currently seeking accreditation by the Council on Social Work Education (CSWE), students may officially declare the major starting in Fall 2024. Until then, please reach out to the Department of Sociology & Criminology for major change/declaration inquiries.*

NOTE: CSWE Accreditation is a three-year process. In accordance with CSWE Accreditation policy 3.3.1, Programs in Pre-Candidacy that attain Candidacy in the academic year in which a student begins the program of study will be retroactively recognized as having graduated from a CSWE-accredited program once the program attains Initial Accreditation.

Degrees Offered

- Bachelor in Social Work (B.S.W.)
- Minor in Social Work

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Associated Department: Sociology and Criminology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/sociology-criminology/)

Related Programs

- Psychology (p. 461)
- Social Justice Through Civic Engagement (p. 509)
- Sociology (p. 518)

Social Work Major Requirements

** As the program is currently seeking accreditation by the Council on Social Work Education (CSWE), students may officially declare the major starting in Fall 2024. Until then, please reach out to the Department of Sociology & Criminology for major change/declaration inquiries.*

NOTE: CSWE Accreditation is a three-year process. In accordance with CSWE Accreditation policy 3.3.1, Programs in Pre-Candidacy that attain Candidacy in the academic year in which a student begins the program of study will be retroactively recognized as having graduated from a CSWE-accredited program once the program attains Initial Accreditation.

(51 credits)

Code	Title	Credits
Core Requirements		
SOW 200	Social Services & Social Work	3
SOW 222	Social Justice and Equity in Social Work	3
SOW 250	Human Behavior and the Social Environment I	3
SOW 251	Human Behavior and Social Environment II	3
SOW 290	Advocacy and Social Action for Professional Social Workers	3
SOW 300	Social Work Practice	3
SOW 301	Field Work Experience	3
SOC 301	Methods of Sociological Research	3
SOC 350	Social Policy	3
SOW 302 Advanced Fieldwork (coming soon)		3
SOW 400	Social Work Senior Seminar	3
Cognate Requirements - select 9 credits from the following list:		**9**
SOC 101	Sociological Imagination	
SOC 150	Introduction to Forensics	
BNS 107	Life Science: Brain and Behavior	
PSY 110	Psychology:The Science of Well-being	
or PSY 131	The Science of Mental Illness	
PSY 237	Cognitive Disabilities	
Electives - select 9 credits from the following list:		**9**
SOW 260 Child Welfare Policy and Practice (coming soon)		
SOW 270 Education and Social Policy (coming soon)		
SOC 205	Families	
SOC 216	Youth and Crime	
SOC 247	Aging	
or PSY 250	Psychology of Aging	
SOC 248	Social Service Organizations	
SOC 261	Schools and Schooling	
PSY 212	Introduction to Applied Behavior Analysis	
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
PSY 245	Stress, Health and Coping	
PSY 345	Health Psychology	
Total Credits		**51**

Social Work Minor Requirements

(18 credits)

Code	Title	Credits
SOW 200	Social Services & Social Work	3
SOW 300	Social Work Practice	3
SOW 301	Field Work Experience	3
Select one course from each of the following two groups:		
Group I		**3**
SOC 205	Families	
SOC 248	Social Service Organizations	
SOC 350	Social Policy	
Group II		**3**
PSY 230	Child Development [1]	
PSY 231	Youth and Adolescent Development	
One additional course in an area of concentration relevant to social work [2]		3
Total Credits		**18**

1

PSY 100 is a prerequisite for all Psychology courses.

2

Examples of such areas are: Aging, Human Service Organizations, Psychological Counseling, and Criminal Justice. This course is chosen in consultation with an advisor.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
SOW 200	Social Services & Social Work	3
CMP 120	Seminar in Writing and Rhetoric	3
SOC 101	Sociological Imagination	3
HIS 150	World History to 1500	3
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
SOW 222	Social Justice and Equity in Social Work	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Foreign Language		3
Elective Course		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOW 250	Human Behavior and the Social Environment I	3
MTH 102	Finite Mathematics	3
Aesthetic Perspectives: Literature		3
Social Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
SOW 251	Human Behavior and Social Environment II	3
Cognate Requirement (1 of 3)		3
Aesthetic Perspectives: Fine Arts		3
Scientific Perspectives		3

PHL 115	Ethics	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
SOW 290	Advocacy and Social Action for Professional Social Workers	3
SOC 301	Methods of Sociological Research	3
Cognate Requirement (2 of 3)		3
Major Elective (1 of 3)		3
Elective Course		3
	Semester Credit Hours	**15**
Spring Semester		
SOW 300	Social Work Practice	3
SOC 350	Social Policy	3
Major Elective (2 of 3)		3
Elective Courses		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
SOW 301	Field Work Experience	3
Major Elective (3 of 3)		3
Cognate Requirement (3 of 3)		3
Elective Courses		6
	Semester Credit Hours	**15**
Spring Semester		
SOW 400	Social Work Senior Seminar	3
SOW 302 - Advanced Fieldwork (Coming Soon)		3
Elective Courses		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

SOW 200 Social Services & Social Work 3 Credits
An overview of the historical development of social work. Emphasis on current issues in social welfare and social service programs in the United States. Among the programs explored are those in public welfare, mental health, medical services, child abuse/neglect, school social work, and care for the elderly.

SOW 300 Social Work Practice 3 Credits
The course builds upon and reinforces the foundation of generalist social work knowledge, social work values, ethics, attitudes, and skills introduced in the Introduction to Social Work course. Students study the Code of Ethics of the National Association of Social Workers and practice ethical decision-making. The course reinforces the skills necessary to implement the phases of the planned change model to social work practice with multi-level client systems (individuals, groups, families, communities, and organizations). Interviewing techniques are taught and practiced. Skills in forming and running small groups, working with community organizations, and administering social programs are emphasized. Students study how to gather pertinent psycho-social facts about clients, make an assessment, plan an intervention, and successfully complete service to the client. Students who next will take SOW 301 Field Work Experience will be placed in a social service agency by the end of the semester.
Prerequisite(s): SOW 200.

SOW 301 Field Work Experience 3 Credits
Students observe and work in a social service agency. They study the structure of the agency and the people and roles within it, and develop helping skills with clients. Approximately six to eight hours of field work a week for each three credits are required, plus class sessions during the semester.
Prerequisite(s): SOW 200, SOW 300. May be taken twice in two separate semesters for a maximum of six credits toward the total credits required for graduation.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 248 Social Service Organizations 3 Credits
Examines the growth and variety of social service organizations. The training of providers, such as teachers and physicians, and relationships between professionals and clients in settings such as schools and hospitals are studied as well as organizational decision-making, finances, and community relations.
Prerequisite(s): SOC 101.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

PSY 230 Child Development 3 Credits
Presents theory and research on the social, emotional and cognitive development of children birth to age 12.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 231 Youth and Adolescent Development 3 Credits
Presents theories, research and problems concerning development in youth and adolescence.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

Sociology

Program Overview

Sociology helps us to understand how social groups, organizations, social institutions and societies function, how they change over time, how they impact our lives, how they are created and sustained, and how they change.

Sociological research and scholarship overlaps with an array of disciplines and professions beyond sociology. Organizational and management studies, communication and media studies, criminology, race studies, gender studies and psychology all integrate sociological concepts into their scholarship. Likewise, elements of these disciplines can be found in the work of sociologists. That is why training in sociology provides an excellent background and skillset for a wide range of careers beyond the classroom.

While many students decide to pursue advanced degrees in the social sciences, sociologists can be found working in diverse settings. You will likely find sociologists working as management consultants, market researchers, public opinion researchers, social workers, public service

workers, government officials, and just about any setting where the skillsets developed in sociology apply. As it turns out, that includes just about anywhere where social institutions, people and human interaction exist.

Curriculum Overview

Sociology students take a total of 15 three-credit courses to complete the major. The curriculum includes a collection of required courses, taken sequentially, that introduce students to Sociology as a discipline and provide more advanced training in the development of their sociological imaginations as they move through the degree. Along the way, majors are exposed to the basic concepts, theories, and methods of sociology while exploring various topics of sociological interest in such things as inequality, race and ethnic relations, and social interaction, to name but a few. Seminars at the freshman and senior levels provide extensive class participation, personalized instruction, and carefully supervised individual research.

Student Learning Outcomes

Graduates of the Sociology major will be able to:

1. Use sociological theories to interpret the world around them.
2. Interpret how social structure, culture, power, inequality, and economic forces impact our understanding of social institutions and social interaction.
3. Effectively collect, interpret, and analyze social data using sociological theories as a framework throughout the process.
4. Communicate their sociological knowledge using both verbal and written techniques.

Honors Program in Sociology

Honors in sociology may be achieved by earning a 3.5 cumulative average in the discipline and completing, through honors in sociology (SOC 496), a senior honors thesis with distinction.

Degree Offered

- B.A. in Sociology

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Associated Department: Sociology and Criminology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/sociology/)

Related Programs

- Criminal Justice (p. 132)
- Education (p. 666)
- History (p. 323)
- Social Justice Through Civic Engagement (p. 509)

Sociology Major Requirements

(42 credits)

Code	Title	Credits
Sociology Major Curriculum		
Required Courses: [1]		
SOC 101	Sociological Imagination	3
SOC 201	Intro Seminar in Sociology	3
SOC 301	Methods of Sociological Research	3
SOC 314	Social Theory	3
SOC 400	Senior Seminar	3
Select three of the following: [2]		9
SOC 311	Social and Cultural Change	
SOC 315	Issues in Modern Social Theory	
SOC 317	Law and Lawyers	
SOC 330	Class and Economic Inequality	
SOC 340	Power and Politics	
SOC 355	Social Interaction	
Select six of the following sociology electives:		18
SOC 110	Cultural Anthropology	
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 205	Families	
SOC 206	Deviance and Crime	
SOC 207	Racial and Ethnic Relations	
SOC 211	Social Movements	
SOC 216	Youth and Crime	
SOC 225	Population Study	
SOC 245	Social Problems	
SOC 246	Drugs, Crime & American Society	
SOC 247	Aging	
SOC 248	Social Service Organizations	
SOC 252	Media, Culture and Society	
SOC 261	Schools and Schooling	
SOC 269	Physical Anthropology	
SOC 270	Area Studies: Africa	
SOC 271	Area Studies	
SOC 272	Area Studies: Indians of North America	
SOC 300	Work and Occupations	
SOC 308	Cities And Suburbs	
SOC 309	Peasant Society	
SOC 310	Pre-Industrial Economies	
SOC 311	Social and Cultural Change	
SOC 312	Women in Society	
SOC 313	Gender and Criminal Justice	
SOC 314	Social Theory	
SOC 315	Issues in Modern Social Theory	
SOC 316	Feminist Social Thought	
SOC 317	Law and Lawyers	
SOC 320	Religion and Belief Systems	

SOC 321	White Collar and Corporate Crime	
SOC 322	Punishment and Corrections	
SOC 325	Population Study	
SOC 330	Class and Economic Inequality	
SOC 340	Power and Politics	
SOC 341	Developing Societies	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
SOC 345	Race and Crime	
SOC 346	Health Care and Society	
SOC 349	Retirement and Leisure	
SOC 350	Social Policy	
SOC 355	Social Interaction	
SOC 396	Applied Sociology	
SOC 401	Sex and the Body in Society	
SOC 490	Independent Study: Research and Creative Expression	
SOC 491	Internship in Sociology	
SOC 496	Honors in Sociology	
or SOC 497	Honors in Sociology	
Total Credits		**42**

[1]

Course sequence recommendations: The Sociological Imagination preferably should be taken in the freshman year, the Introductory Seminar in the sophomore year, Methods and Social Theory in the junior year. Your particular sequence of courses will be arranged in consultation with your advisor.

[2]

Additional courses from the above list may be taken beyond the minimum to satisfy the Sociology electives component of sociology major requirements

Note: Seniors planning to attend graduate school should take the Graduate Record Examination, including the Advanced Test in Sociology.

Sociology Minor Requirements

(21 credits)

Code	Title	Credits
Required Course:		
SOC 101	Sociological Imagination	3
Select two of the following courses:		**6**
SOC 201	Intro Seminar in Sociology	
SOC 300	Work and Occupations	
SOC 311	Social and Cultural Change	
SOC 315	Issues in Modern Social Theory	
SOC 317	Law and Lawyers	
SOC 330	Class and Economic Inequality	
SOC 340	Power and Politics	
SOC 355	Social Interaction	
Select four of the following courses:		**12**
SOC 110	Cultural Anthropology	
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 205	Families	
SOC 206	Deviance and Crime	
SOC 207	Racial and Ethnic Relations	
SOC 211	Social Movements	
SOC 216	Youth and Crime	
SOC 225	Population Study	
SOC 245	Social Problems	
SOC 246	Drugs, Crime & American Society	
SOC 247	Aging	
SOC 248	Social Service Organizations	
SOC 252	Media, Culture and Society	
SOC 261	Schools and Schooling	
SOC 269	Physical Anthropology	
SOC 270	Area Studies: Africa	
SOC 271	Area Studies	
SOC 272	Area Studies: Indians of North America	
SOC 300	Work and Occupations	
SOC 308	Cities And Suburbs	
SOC 309	Peasant Society	
SOC 310	Pre-Industrial Economies	
SOC 311	Social and Cultural Change	
SOC 312	Women in Society	
SOC 313	Gender and Criminal Justice	
SOC 314	Social Theory	
SOC 315	Issues in Modern Social Theory	
SOC 316	Feminist Social Thought	
SOC 317	Law and Lawyers	
SOC 320	Religion and Belief Systems	
SOC 321	White Collar and Corporate Crime	
SOC 322	Punishment and Corrections	
SOC 325	Population Study	
SOC 330	Class and Economic Inequality	
SOC 340	Power and Politics	
SOC 341	Developing Societies	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
SOC 345	Race and Crime	
SOC 346	Health Care and Society	
SOC 349	Retirement and Leisure	
SOC 350	Social Policy	
SOC 355	Social Interaction	
SOC 361	Sel Top: Studies Soc. of Art	
SOC 396	Applied Sociology	
SOC 396	Applied Sociology	
SOC 401	Sex and the Body in Society	
SOC 490	Independent Study: Research and Creative Expression	
SOC 491	Internship in Sociology	
or SOC 497	Honors in Sociology	
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
SOC 101	Sociological Imagination	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
SOC 201	Intro Seminar in Sociology	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Social Perspectives		3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
Required Sociology Elective (1 of 6) [3]		3
Required Sociology Elective (2 of 6) [3]		3
Aesthetic Perspectives: Literature		3
Aesthetic Perspectives: Fine Arts		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
Required Sociology Elective (3 of 6) [3]		3
Required Sociology Elective (4 of 6) [3]		3
Scientific Perspectives		3
Philosophical Perspectives		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
SOC 314	Social Theory	3
Sociology Requirement 300 Level (1 of 3)		3
Required Sociology Elective (5 of 6) [3]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Spring Semester		
SOC 301	Methods of Sociological Research	3
Required Sociology Elective (6 of 6) [3]		3
Sociology Requirement 300 Level (2 of 3)		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Sociology Requirement 300 Level (3 of 3)		3
SOC 400 Senior Seminar or Elective Course Credits		3
Elective Course Credits [2]		3
Elective Course Credits		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Spring Semester		
Elective Course Credits		3
SOC 400 Senior Seminar or Elective Course Credits		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

Select from the following: SOC 311,SOC 315, SOC 317, SOC 330, SOC 340, SOC 355

Courses and Descriptions

SOC 101 Sociological Imagination 3 Credits
Introduction to principles and concepts for the sociological analysis of human societies. Social relations, social structure, and institutions characteristic of societies past and present are examined, and causes and directions of social change are considered. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

SOC 110 Cultural Anthropology 3 Credits
The anthropological perspective is introduced, placing human behavior and institutions within their evolutionary, ecological, structural, and ideological contexts. Examples are drawn from the full range of human societies, with an emphasis on nonindustrial forms.

SOC 119 Introduction to Criminal Justice: Police, Courts, Corrections 3 Credits
This course introduces students to the sociological study of the criminal justice system. It examines the cultural and social foundations of this system, and review debates about problems with the criminal justice system and proposals to change it. Topics covered include nature of the crime problem, requirements of criminal law, policing, the role of the courts and legal professionals, sentencing, incarceration and alternatives to it.
Prerequisite(s): SOC 101.

SOC 142 The Legal & Policy Dimensions of Cannabis 1.5 Credits
In this course, you will learn about drug policy in the United States through the lens of cannabis. Theoretical and empirical arguments for, and consequences of, prohibition, and legalization will be considered with special attention to race, class, and gender. Opportunities and challenges springing from recent legal reforms and a rapidly expanding legal industry will be considered using a variety of cultural, legal, and academic sources.

SOC 143 From Plant to Profession: Practical Skills & Applications 1.5 Credits
Put your new cannabis knowledge to use in real world settings! In this final skills-based course of Rider's Cannabis Studies certificate, you will expand on the initial knowledge you've obtained through completing Rider's foundational courses in business, biology, and the law. You will learn directly from key experts in the field, whose knowledge about key trends in the cannabis industry will prepare you to explore unmatched opportunities to enter the rapidly expanding cannabis industry. Content will expose students to cannabis horticulture, science, clinical practice, and legal compliance to prepare them to enter into a variety of cannabis industry positions.
Prerequisite(s): SOC 142, BIO 102, and BUS 150.

SOC 150 Introduction to Forensics 3 Credits
Introduces students to principles of forensic science. Whether the issue is establishing paternity or cause of death, determining arson or liability, or deciding criminal guilt or innocence, collecting and evaluating forensic material is typically involved. Students will learn the meaning and significance of scientific evidence and its role in criminal investigations and civil and criminal trials. Students will learn how forensic scientists work, define a problem, collect data, and analyze results. Case studies, crime simulations and examination of criminal evidence will highlight the application of scientific principles.

SOC 201 Intro Seminar in Sociology 3 Credits
Designed for students considering a major or minor in sociology. The seminar locates sociology in relation to other disciplines; reviews the basic perspectives used by sociologists to study human behavior; and considers the methods and applications of sociological inquiry.
Prerequisite(s): SOC 101.

SOC 204 Law, Literature, and Film in America 3 Credits
Focuses in an interdisciplinary manner on law and justice as represented in American literature and films. It analyzes novels, short stories, and selected non-fiction texts from the perspectives of literary criticism, social history, and cultural and American studies.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 206 Deviance and Crime 3 Credits
Considers deviant behavior as violation of social norms. Examines the concepts of deviance and crime in socio-historical context. Evaluates major theories advanced to explain deviance. Surveys different types of deviance, including conventional crime, non-criminal deviant behavior, and white-collar corporate, and government crime.
Prerequisite(s): SOC 101.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 210 Criminal Investigation 3 Credits
Approaches criminal investigation conceptually. Students consider the social issues involved in criminal investigation, as well as ethical and legal aspects of it. The course covers such topics such as the principles of criminal investigations, the rules and procedures of preliminary and follow-up investigations, the art of interrogation, recording of statements, confessions, and the collection and preservation of physical evidence at the crime scene. Emphasis is placed on the need for meticulous adherence to rules of law and ethical practices, as an investigation proceeds from initial actions to arrest, and eventual prosecution. The course also examines the methods used in scientific interpretation of evidence and the preparation of criminal cases for trials, as well as its role in today's criminal justice system.
Prerequisite(s): SOC 150.

SOC 211 Social Movements 3 Credits
This course examines social movements that seek change in the social, cultural and political structures of society. The social, economic and political contexts of these movements are treated as well as their origins, tactics, organization, recruitment, and successes and failures. Case studies focus on movements in the areas of labor, civil rights, feminism, the environment, "right wing politics", and neighborhood activism.

SOC 216 Youth and Crime 3 Credits
In-depth examination of the nature and extent of youth criminality in the U.S. Explores changes in youth culture and theories of delinquency. Social policies are related to youth criminality and the youth justice system is considered.

SOC 225 Population Study 3 Credits
Demography; its definition, historical emergence, and growth; population as a social problem in developing and developed nations; population theories, sources and methods of demographic data, population composition, and distribution; demographic processes including fertility, mortality, and migration.

SOC 230 Foundations of Civic Engagement 3 Credits
This course is an introduction to civic engagement: its meanings, opportunities and limitations. Students will learn about the different opportunities for civic engagement in the community as well as the theories and skills associated with it. Students will learn the role of formal and informal institutions in community engagement and will identify a specific organization for in depth investigation.
Prerequisite(s): SOC 101.

SOC 245 Social Problems 3 Credits
American social, economic, and political institutions and their interrelationships are analyzed, with an emphasis on the causes, directions, and consequences of social change in American society.

SOC 246 Drugs, Crime & American Society 3 Credits
Explores the nature and extent of drug use in the U.S., how drugs are legally defined and socially constructed, and considers how and why drug policies have developed and changed historically. Considers how the criminalization of drugs has impacted policing strategies, courts, probation programs, sentencing and corrections, as well as other social institutions. Examines the role of local and federal agencies in enforcing drug laws, and considers debates about directions for legal reforms.

SOC 247 Aging 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 248 Social Service Organizations 3 Credits
Examines the growth and variety of social service organizations. The training of providers, such as teachers and physicians, and relationships between professionals and clients in settings such as schools and hospitals are studied as well as organizational decision-making, finances, and community relations.
Prerequisite(s): SOC 101.

SOC 252 Media, Culture and Society 3 Credits
Examines mass-produced commercial culture, how it has developed, and the role it plays in modern society. Analyzes the content of these cultural forms, how its production is organized, and how audiences perceive it.

SOC 261 Schools and Schooling 3 Credits
Schools and the process of schooling are analyzed within a broad historical perspective as well as within the structural and cultural context of American society. Education within a global perspective is also considered. Issues discussed include school funding, integration, tracking, technology, bureaucratization, and the "cultural wars" fought within the schools.

SOC 269 Physical Anthropology 3 Credits
An analysis of the biological development of the human capacity for culture. Topics include: modern theories of evolution and their application to human evolution; the relationship of human beings to other primates, the human fossil record, and variation among modern human populations. A background in biological studies is not necessary.
Prerequisite(s): SOC 101.

SOC 270 Area Studies: Africa 3 Credits
An intensive investigation of problems arising from historical and contemporary studies of tribal, peasant, and transitional societies in Africa south of the Sahara.
Prerequisite(s): SOC 101.

SOC 271 Area Studies 3 Credits
Studies problems arising from historical and contemporary studies of peasant populations of Europe.
Prerequisite(s): SOC 101.

SOC 272 Area Studies: Indians of North America 3 Credits
Societies and cultures of the Indians of North America from the Arctic to Mesoamerica. Emphasis on evidence of these tribal groups prior to extensive acculturation and their contemporary situation.
Prerequisite(s): SOC 101.

SOC 280 Social Movements Abroad 3 Credits
This course will provide students with an international perspective on community-engaged strategies for addressing social problems, with a special focus on social welfare and justice. This course utilizes an international experiential component via a faculty led study abroad course and is mixed modal: online and on site internationally. Through seminars with local experts, case examples, dialogue, and visits to exemplary organizations, students will learn about strategies for engaging communities in creating change, honoring indigenous knowledge and practice, working to enhance leadership, and facilitating change in the context of larger social institutions. Through readings, online discussions, and self-reflection students will gain a greater understanding of social movements across the host country, with special emphasis on the culture and experiences of international residents.

SOC 300 Work and Occupations 3 Credits
Analyzes the nature and organization of work in modern society. Focuses on such issues as division of labor, specialization, alienation, professionalization, and the role of technological change. Includes an examination of the historical development of work in the 20th century, and a consideration of contemporary and future patterns of work organization.
Prerequisite(s): SOC 101.

SOC 301 Methods of Sociological Research 3 Credits
One of the required courses in both the Sociology and Criminal Justice majors, Methods of Sociological Research introduces students to basic research processes in the social sciences. The course introduces students to both quantitative and qualitative approaches and data analysis using both original and secondary sources. Students will also complete an original research paper in this course.
Prerequisites: SOC 101 or SOW 250.

SOC 302 Crime & Justice in the Media 3 Credits
This course focuses on the impact of media on Americans' perceptions and understanding of the extent and causes of crime, and the effectiveness and purposes of crime policy. It examines how criminals, types of crime, crime policies and the criminal justice system are portrayed in various media outlets, including film, tv, newspaper, and electronic/internet. It explores the historical and contemporary relationships between media representations of criminal behavior, crime as a social problem, and the nature of the criminal justice system and contrasts these to their social realities.

SOC 304 Women and Law 3 Credits
Explores the social, economic, political and cultural context of laws relating to women and gender, such as workplace discrimination, divorce and child custody and reproductive rights. It examines how such laws have changed historically and the impact such laws have had on women as well as on men and on American social institutions, such as the family, politics, and the workplace. The course also examines women in the legal profession and their impact on the practice of law and legal reasoning.

SOC 307 Criminal Justice Practice 3 Credits
This course will consider the ways criminal justice agencies and occupations are shaped by social, economic, political, technological and legal changes. Through case studies and projects students will examine the work, culture, and work settings of various criminal justice practitioners, assess the impact of social policies on criminal justice careers, and identify new directions in the field. Students will develop the reading and writing skills needed by an array of criminal justice practitioners.

SOC 308 Cities And Suburbs 3 Credits
Examines the growth of an urban way of life under the influence of industrialism. Study of community, political, and economic institutions in cities. Comparisons between urban and suburban areas.
Prerequisite(s): SOC 101.

SOC 309 Peasant Society 3 Credits
A comparative view of peasants and their significance in agrarian, colonial, and industrial societies. Peasant economic, political, and social institutions are analyzed with an eye to both their internal operation and the way they relate to non-peasant groups who hold power in these societies. The changes that have occurred in the peasant world are viewed both as a consequence and a cause of wide reaching political and economic upheaval.
Prerequisite(s): SOC 101.

SOC 310 Pre-Industrial Economies 3 Credits
The anthropological study of technology, production, and exchange in nonmarket cultures, as related to the social, ideological, and ecological systems in which they are embedded. The question of whether the concepts that derive from market economies can be applied to all economic systems is considered in detail.
Prerequisite(s): SOC 101.

SOC 311 Social and Cultural Change 3 Credits
Investigates the process of change in both industrial and nonindustrial settings. Particular attention paid to the role of the individual in change as well as the roles played by the mode of production, social organization, and ideological constructs. Case studies are drawn from non-Western as well as Western sources.
Prerequisite(s): SOC 101.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 313 Gender and Criminal Justice 3 Credits
This course will examine women's experiences with the criminal justice system as offenders, victims, prisoners, and practitioners. It will consider how gender has shaped theories of crime and criminological research. It will explore how cultural constructions of gender have influenced substantive and procedural criminal law, the ways criminal justice agencies respond to crime, and how these have changed historically. Attention will be given to the development of new approaches, reforms, and challenges.
Prerequisite(s): SOC 101.

SOC 314 Social Theory 3 Credits
Introduces the major thinkers and conceptual problems characterizing the development of sociological thought. Required of sociology majors.
Prerequisite(s): SOC 201.

SOC 315 Issues in Modern Social Theory 3 Credits
Examines current trends and issues in sociological thought.
Prerequisite(s): SOC 314 or permission of instructor.

SOC 316 Feminist Social Thought 3 Credits
An introduction to feminist social theory, with emphasis on its breadth and variety. Special attention paid to the ways feminist theorists have analyzed the relationship of gender to other kinds of group differences.
Prerequisite(s): SOC 101.

SOC 317 Law and Lawyers 3 Credits
Relationships between law, the economy, and the state are explored. Discussion of laws, legal systems and legal reasoning using cross-cultural comparisons and historical analysis of these in the United States. Particular attention given to impact of law on corporations, workers, women, and minorities. Changes in legal profession and legal education are examined.
Prerequisite(s): SOC 101.

SOC 318 Hate Crimes in the United States 3 Credits
Provides an interdisciplinary exploration of hate crimes in the United States, its causes and consequences. It will examine the social, political, and legal issues that have shaped policies and laws designed to respond to hate crimes and assess their effectiveness. Debates about the nature of hate crimes and the special laws and sentencing provisions developed to deal with them will be discussed. Topics include hate crimes on college campuses, hate on the Internet, legal and constitutional issues, and criminal justice enforcement.

SOC 320 Religion and Belief Systems 3 Credits
The relation of religious phenomena to social structures and processes; religion in cross-cultural perspective.
Prerequisite(s): SOC 101.

SOC 321 White Collar and Corporate Crime 3 Credits
This course will identify, explore, and study the unique criminological characteristics of the crime subtypes white collar crime and corporate crime. In addition to developing a formal definition of white collar crime and corporate crime, students will study: (a) the nature of the criminal act and the criminal actor(s); (b) the extent or scope of the white collar/corporate crime problem; (c) the factors that contribute to the crime decision, and (d) the various prevention and mitigation strategies used to address the white collar crime/corporate crime problem. Students will learn to evaluate historical cases of white collar crime/corporate crime and apply criminological theory to actual cases.
Prerequisite(s): SOC 101.

SOC 322 Punishment and Corrections 3 Credits
This course explores the nature, forms, rationales, and effectiveness of punishment as a form of crime control. It traces the development of corrections in the U.S., identifies cultural trends and developments in penology, including mass incarceration and supermax prisons, considers the ways race and class have shaped these, and the reverberating effects penal policies have had on American culture and society beyond the criminal justice system. It examines the role of laws, politics, crime control agencies, as well as of media, and corporations in shaping penal policies. Topics also include: prison subcultures, inmate rights, correctional practices, privatization of prisons, and alternatives to punitive policies of incarceration and capital punishment.
Prerequisite(s): SOC 101.

SOC 325 Population Study 3 Credits

SOC 330 Class and Economic Inequality 3 Credits
Social, economic, and political aspects of the division of society into classes are considered. Theories of stratification and the distribution of wealth, power, and prestige in societies past and present are examined.
Prerequisite(s): SOC 101.

SOC 333 Convict Criminology 3 Credits
Convict Criminology is the study of crime and the advancement of criminological ideas and contributions originating from the first-hand experiences of convicts/ex-convicts. Convict criminologists are primarily current or former criminal justice system-involved individuals who have pursued and achieved advanced degrees and are actively researching relevant criminal justice issues. In addition to fully defining convict criminology as a school of thought, this course will explore the history, development, and current and future place of convict criminology in the overall criminology field. The course will identify key convict criminology writings and research and will include a comparative review of traditional versus convict criminological approaches and how differing motivations and priorities have impact on the incarcerated, and the current system responses to them. Students will identify, document and analyze other ways of hearing the convict perspective and voice to see if this convict view can offer additional insight on how to address those in confinement and perhaps suggest solutions to a broad range of criminal justice system questions. Sophomores, Juniors and Seniors ONLY.

SOC 340 Power and Politics 3 Credits
Examines the nature and distribution of power in contemporary societies; analyzes the relationships between power and politics.
Prerequisite(s): SOC 101.

SOC 341 Developing Societies 3 Credits
Examines theories explaining patterns of development; indicators and measures of social well-being; and problems such as population, hunger and environmental crises in developing countries. Focuses especially on patterns of development in Latin America or China.
Prerequisite(s): SOC 101.

SOC 342 Police and American Society 3 Credits
This course examines important issues regarding police in American society, such as the paradoxes inherent in police work, police organization and strategies and their effectiveness, the dilemmas of supervising police work, police unionism, the nature and implications of police occupational subculture, the use of police discretion, forms of police misconduct and accountability, professionalization of police and the trend toward police privatization. It also considers the diversity of the police force, trends in the delivery of policing services, the impact of new technologies on policing, and the challenges of policing in a multicultural society.
Prerequisite(s): SOC 101.

SOC 343 Policing and Counter Terrorism 3 Credits
This course is designed as an upper level (undergraduate/graduate) combination lecture and discussion section on the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspectives on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survival, to societal security, to unit level-variables such as Human Security.
Prerequisite(s): SOC 101.

SOC 344 Gangs in America 3 Credits
This course explores the extent and nature of street gangs in the US and public reaction to them. The course considers what gang membership means, and when gangs are cohesive or not. The course will focus on the functioning and process of the justice system and its response to gangs. Students will examine potential strategies to address gang crime, weigh the costs and benefits of these various actions, and discuss how to rehabilitate both low level and serious gang offenders.
Prerequisite(s): CMP 125.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

SOC 347 Aging and the Elderly 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 348 Human Service Organizations 3 Credits

SOC 349 Retirement and Leisure 3 Credits
Examines the social phenomena of retirement as an event, process, social role, and life stage. Explores the meaning of leisure, time utilization, and creativity among the elderly. Defines related problems and issues, i.e., financial, physical, psychosocial, and environ-mental. Positive as well as negative implications are presented and evaluated.
Prerequisite(s): SOC 247 recommended.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

SOC 351 The Rights of the Accused 3 Credits
Analyzes the major substantive and procedural rights accorded to the criminally accused by the United States Constitution. Particular attention will be given to the right to counsel, confessions and self-incrimination, arrest, search and seizure. Students will learn to argue and write hypothetical case opinions.

SOC 355 Social Interaction 3 Credits
Examines the interpersonal relation between and among people in private life, public places, and at work. Explains how such relations affect and are affected by changes in the larger social structure.
Prerequisite(s): SOC 101.

SOC 360 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 361 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 362 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 363 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 364 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 365 Selected Top: Social Movements 3 Credits
FALL 2012 - This course examines movements that seek change in the social, cultural and political structures of society. The social, economic and political contexts of these movements are treated as well as their origins, tactics, organization, recruitment, and successes and failures. Case studies focus on movements in the areas of labor, civil rights, feminism, the environment, "right wing politics", and neighborhood activism. In today's world, social movements abound. Movements such as the Tea Party and the Occupy movements demonstrate that they can take place across the political spectrum of society. Moreover, the interconnectedness of the world economy creates social movements throughout the world, whether in Asia, the Mid-East or Europe that have direct affects on the United States. Because the coverage of these movements are given considerable media exposure, students (and the public) tend to accept the interpretations of these movements as presented in the narratives of the media coverage. This class will provide a systematic academic treatment of social movements. Because social movements target structural and cultural institutions in society, the study of these movements will not only provide an understanding of these movements, but of larger social problems in society as well.
Prerequisite(s): SOC 101.

SOC 367 Selected Topics: Environment 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 368 Selected Topics in Sociology 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 369 Selected Topics in Sociology 3 Credits

SOC 396 Applied Sociology 3 Credits
Shows how sociology can be applied in work settings. As participant observers in organizations related to their career objectives, students learn to apply sociological knowledge, perspectives, and skills. In class meetings and individual consultations with the instructor, students examine the applied dimensions of sociology, the uses of sociology in various occupations, the ethical issues involved in applied sociology, and the culture and structure of their work organization.
Prerequisite(s): SOC 101.

SOC 400 Senior Seminar 3 Credits
For sociology majors only. This seminar involves in-depth examination and research of a specific issue of current importance in the discipline. Learning to do sociology is emphasized.
Prerequisite(s): SOC 201, SOC 301, SOC 314.

SOC 401 Sex and the Body in Society 3 Credits
Examines cultural meanings and social practices associated with sex and the body. Contemporary cultural norms and practices in the U.S. will be compared to other societies, historically and cross-culturally. Variations in sexual practices, ideals of sexual attractiveness according to age, gender, race, ethnicity, class and sexual orientation also will be discussed. Topics may include beauty industries (e.g. cosmetics, diet, fashion, surgery, drugs), sex and the workplace, the impact of media, social policy, and technology on ideals of sexual attractiveness, birth control, and sexual violence.
Prerequisite(s): SOC 101.

SOC 460 Criminal Justice Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of crime, criminal law and criminal justice institutions, and applies these to a specific topic, method, institution, or controversy. Topics vary. Students will be expected to contribute to seminar discussions and to complete research projects related to the seminar theme. Required for senior criminal justice majors; open to others only by permission of the chair.

SOC 490 Independent Study: Research and Creative Expression 1-4 Credits
Juniors or seniors who have completed at least 12 credit hours in sociology may propose an independent research project with the aid and advice of any full-time faculty member of the department. Proposals must be reviewed and approved by the sponsoring faculty member and submitted to the department's Independent Study Committee at least four weeks prior to the last day of classes for the semester preceding Independent Study.
Prerequisite(s): SOC 101.

SOC 491 Internship in Sociology 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of applications of sociology in work settings and to analyze work settings using sociological knowledge and research methods. Placements are made in business, government, and community offices that utilize sociological knowledge or research skills.
Prerequisite(s): 2.75 GPA.

SOC 496 Honors in Sociology 3-6 Credits
Training in the efficient collection of data that has a bearing on the problem being investigated. Stresses the technique of proper summarization of the collected material as well as the integration of that material into a comprehensive report. A research design is prepared and hypotheses tested in the field. The original library research is then combined with the findings to produce a mini-thesis. Approval of student's program by a sponsoring faculty member and the department Independent Study Committee is required.
Prerequisite(s): SOC 201, SOC 301.

SOC 497 Honors in Sociology 3-6 Credits
Training in the efficient collection of data that has a bearing on the problem being investigated. Stresses the technique of proper summarization of the collected material as well as the integration of that material into a comprehensive report. A research design is prepared and hypotheses tested in the field. The original library research is then combined with the findings to produce a mini-thesis. Approval of student's program by a sponsoring faculty member and the department Independent Study Committee is required.
Prerequisite(s): SOC 201, SOC 301.

Spanish

Program Overview

Majoring in a foreign language such as Spanish allows students to pursue careers in business, management, law, government, teaching, translation, publishing, communications, and travel.

At Rider, Spanish majors acquire an international perspective and a unique intercultural sensitivity. Advanced foreign language skills combined with intercultural expertise increase the employment prospects of students in the global marketplace of today.

A major or minor in Spanish offers students the opportunity to receive a practical grounding in language and culture through a challenging curriculum which may include study abroad. In addition, our language, literature, film, and culture courses prepare students to understand cultural diversity abroad and at home, to appreciate their own language and culture, and to gain global awareness. An individual fluent in another language acquires insight into the world in which we live. Advanced foreign language skills, combined with an international perspective and intercultural expertise, position our students for productive careers in the global and multicultural marketplaces of the 21st century. Faculty engagement in research and teaching excellence combines with our unique "accent on the individual" through advisement and co-curricular opportunities to create a challenging yet supportive atmosphere in which students can realize their potential.

A major or minor in Spanish will complement many degree programs in business, education, music, and the liberal arts.

Students have access to a Foreign Language Media Center with 25 computer workstations with internet access for self-paced work and classroom instruction including interactive audio, video, and text-based materials.

Curriculum Overview

Classes in the Spanish major include Spanish for business, advanced communication in Spanish, Spanish culture and civilization, Latinx Cultures, Latin American/Latino culture, Introduction to Spanish literature, Cervantes, the Spanish golden age, and modern Hispanic literature and cinema.

Some requirements may be met by studying abroad. Students may also minor in French or Chinese.

Student Learning Outcomes

Graduates with a degree in Spanish will be able to:

- demonstrate communicative competence in Spanish;
- discuss cross-cultural topics;
- analyze and critique the products, practices, and perspectives of world cultures of Spanish-speaking communities;
- compare and contrast value systems across cultures.

Honors Programs in Languages, Literatures and Cultures

The department faculty will identify prospective honors students at the earliest possible moment and offer them challenges and encouragement to develop to their highest potential. A student who has a 3.25 cumulative average and a 3.5 in the major may be invited by the department, upon recommendation of a faculty member, to become a candidate for the 3-credit honors thesis or capstone project. Details of the thesis or capstone project will be arranged to accommodate the interests of the individual student.

The thesis/capstone project is completed during the senior year. It represents the culmination of a student's academic experience and is an irreplaceable learning experience for the development of research, writing, and critical thinking skills for graduate school admissions and success, as well as work in numerous careers. Students who successfully complete the thesis or capstone project and retain the required cumulative and major grade point average will graduate with honors.

Degree Offered

- B.A. in Spanish

Contact

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Program Website: Spanish (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/spanish/)

Associated Department: Department of Languages, Literatures and Cultures (http://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/)

Related Programs

- Chinese (p. 110)
- French (p. 277)

Spanish Major Requirements

(39 credits: 27 credits beyond the Spanish 200-level courses and 12 credits in collateral liberal arts courses)

Code	Title	Credits
Major Requirements:		
SPA 300	Advanced Grammar & Composition	3
or SPA 302	Writing and Translating	
SPA 301	Spanish for Business	3
or SPA 303	Advanced Communication and Popular Cultures	
or SPA 395	Phonetics for Communication	
SPA 310	Spanish Culture & Civilization	3
or SPA 311	Latin American & Latinx Cultures	
or SPA 312	Latinx Cultures	
SPA 320	Introduction to Spanish Literature	3
SPA 325	Introduction to Latin-American/Latino Literature	3
Advanced Coursework		**12**
Select any 4 courses below totaling 12 credits:		
A. Early Modern Peninsular		
SPA 305	Cervantes	
SPA 403	Medieval Literature	
SPA 415	Spanish Renaissance	
SPA 416	The Spanish Golden Age	
B. Early Modern Latin American		
SPA 420/LAC 420	From Colonies to Nations	
C. Modern Hispanic		
SPA 410	Modern Hispanic Poetry	
SPA 411	Modern Spanish Novel	
SPA 412	Theater and Film of the Hispanic World	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
D. Modern Latin American		
SPA 426	Latin American/Latino Film and Fiction	
SPA 430	Latinx Community Engagement	
Electives		
SPA 490	Independent Study: Research and Creative Expression	
SPA 496	Special Studies	
Liberal Arts Options		
Select one of the options below:		12
Option I		
Four courses of language:		
a. two courses in two different languages OR		
b. four courses in one language		
Option II		
Three classes of one language and one additional class from among the following options:		
a. Masterworks 250 or 251, OR		
b. SPA 200 or SPA 201		
Option III		
Two classes from one language and two additional classes from among the following options:		
a. Masterworks 250 and/or 251, OR		
b. SPA 200 and/or SPA 201		
Total Credits		**39**

Note:

1. Students who complete SPA 490 during their senior year may substitute with one of the collateral requirements.
2. Some of the requirements for the major may be met by Study Abroad. Students are strongly encouraged to spend at least one semester abroad.
3. All majors must take at least one Spanish course per semester in the senior year.
4. Students must receive a grade of "C" or better in courses required for the major or minor in the department. If a student receives a grade lower than "C" in a required course, the student must meet with his/her academic advisor to discuss the appropriate action that must be taken to remedy the situation.

Spanish Minor Requirements

(18 credits)

Language and Literature Track

Spanish for Business and the Professions Track

Language and Literature Track

(18 credits)

Code	Title	Credits
SPA 200 & SPA 201	Spanish III and Spanish IV [1]	6
SPA 300	Advanced Grammar & Composition	3
or SPA 302	Writing and Translating	
SPA 320	Introduction to Spanish Literature	3
or SPA 325	Introduction to Latin-American/Latino Literature	
Two additional courses at the 300-level or above, including at least one course at the 400-level		6
SPA 303	Advanced Communication and Popular Cultures	
SPA 305	Cervantes	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
SPA 312	Latinx Cultures	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 395	Phonetics for Communication	
SPA 403	Medieval Literature	
SPA 410	Modern Hispanic Poetry	
SPA 411	Modern Spanish Novel	
SPA 412	Theater and Film of the Hispanic World	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 415	Spanish Renaissance	
SPA 416	The Spanish Golden Age	
SPA 420	From Colonies to Nations	
SPA 426	Latin American/Latino Film and Fiction	
SPA 430	Latinx Community Engagement	

SPA 496	Special Studies	
Total Credits		**18**

1

Two advanced courses will be substituted for the 200-level courses upon demonstrated proficiency.

Note:

1. Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper level course upon completion of a study abroad program.

Spanish for Business and the Professions Track

(18 credits)

Code	Title	Credits
SPA 200 & SPA 201	Spanish III and Spanish IV [1]	6
SPA 300 or SPA 302	Advanced Grammar & Composition Writing and Translating	3
SPA 301	Spanish for Business	3
Two additional courses at the 300-level or above, one of which must be a literature course, and one in culture		6
SPA 303	Advanced Communication and Popular Cultures	
SPA 305	Cervantes	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
SPA 312	Latinx Cultures	
SPA 320	Introduction to Spanish Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 395	Phonetics for Communication	
SPA 403	Medieval Literature	
SPA 410	Modern Hispanic Poetry	
SPA 411	Modern Spanish Novel	
SPA 412	Theater and Film of the Hispanic World	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 415	Spanish Renaissance	
SPA 416	The Spanish Golden Age	
SPA 420	From Colonies to Nations	
SPA 426	Latin American/Latino Film and Fiction	
SPA 430	Latinx Community Engagement	
SPA 496	Special Studies	
Total Credits		**18**

1

Two advanced courses will be substituted for the 200-level courses upon demonstrated proficiency.

Note:

1. Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper level course upon completion of a study abroad program.
2. Students must receive a grade of "C" or better in courses required for the major or minor in the department. If a student receives a grade lower than "C" in a required course, the student must meet with his/her academic advisor to discuss the appropriate action that must be taken to remedy the situation.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
SPA 200	Spanish III [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
SPA 201	Spanish IV	3
SPA 310 or SPA 311 or SPA 312	Spanish Culture & Civilization or Latin American Cultures or Latinx Cultures	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SPA 300 or SPA 302	Advanced Grammar & Composition or Writing and Translating	3
SPA 320	Introduction to Spanish Literature	3
Select one of the following:		**3**
CHI 100	Chinese I	
FRE 100	French I	
GER 100	German I	
ITA 100	Italian I	
Social Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
SPA 325	Introduction to Latin-American/Latino Literature	3
SPA 301 or SPA 303	Spanish for Business or Advanced Communication and Popular Cultures	3
Select one of the following:		**3**
CHI 101	Chinese II	
FRE 101	French II	
GER 101	German II	
ITA 101	Italian II	
Aesthetic Perspectives: Fine Arts		3

Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
SPA 420	From Colonies to Nations	3
or SPA 312	or Latinx Cultures	
LIT 250	Masterworks of Western Literature I	3
Select one of the following:		**3**
CHI 200	Chinese III	
FRE 200	French III	
GER 200	German III	
ITA 200	Italian III	
Elective Course Credits [2]		6
	Semester Credit Hours	**15**
Spring Semester		
SPA 426	Latin American/Latino Film and Fiction	3
LIT 251	Masterworks of Western Literature II	3
Elective Course Credits		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
SPA 410	Modern Hispanic Poetry	3
or SPA 411	or Modern Spanish Novel	
Elective Course Credits		12
	Semester Credit Hours	**15**
Spring Semester		
SPA 305	Cervantes	3
or SPA 416	or The Spanish Golden Age	
SPA 490	Independent Study: Research and Creative Expression	3
Elective Course Credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1.

For course placement information please visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2.

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

SPA 100 Spanish I 3 Credits
Introduction to the fundamentals of Spanish grammar, with emphasis on communicative skills, in culturally authentic contexts. Students are required to work extensively with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): placement test if Spanish has been studied elsewhere.

SPA 101 Spanish II 3 Credits
Continuation of Spanish 100. Emphasizes the use of language for communicative and cultural competency while developing a solid grammar foundation in Spanish. Students are required to work extensively with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): SPA 100 or placement test.

SPA 102 Elementary Spanish II Abroad 3 Credits
This course is the second part of the first-year experience in Spanish and is designed for students who have taken Spanish for Beginners I and who are interested in experiences abroad in a Spanish speaking culture. The aim is to develop the four basic skills (listening comprehension, speaking, reading, and writing) in and beyond the classroom. The discussion of distinctive cultural aspects of the Hispanic world is an integral part of this course as well as to encourage students to experience the world through the eyes of the other culture by exposing them to the literature and arts of the local culture. This course takes 8 weeks in total, 7 weeks at Rider online and 1 week abroad. During the seven weeks, students practice linguistic skills and gain cultural knowledge related to the country of destination. These skills and knowledge will prepare the students for the one week abroad experience.
Prerequisite(s): SPA 100 with a minimum grade of D.

SPA 103 Introductory Medical Spanish 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive, and presentational communication skills as well as growth in cultural, literary, and interdisciplinary knowledge as they move through a sequence of study. This course is the second part of the first-year experience in Spanish during which the development of communicative and cultural competencies is at the center of this experience. At the end of the course, successful students will be able to handle a variety of uncomplicated communicative tasks in straightforward social situations. They will also develop a sense of the cultural aspects of peoples who speak the target language. This course offers an additional focus on the use of Spanish across a variety of medical professions. Students interested in careers in medicine, nursing, counseling, physical therapy, chiropractic education, healthcare communication, public policy or other related fields will benefit from the linguistic (i.e., vocabulary and grammar) and sociocultural topics examined in this course. In addition to learning grammar and vocabulary that will translate into real-world skills in medical and healthcare professions (e.g., talking to patients, navigating a hospital setting, diagnosing illnesses), students will also explore sociocultural topics on how Latinx communities in the United States relate to medical and healthcare services and industries. In order to take this course, students must have taken Spanish I (SPA 100) at Rider or placed into Spanish II or Introductory Medical Spanish (SPA 101 or SPA 103) on the Foreign Language Placement Test.

SPA 200 Spanish III 3 Credits
A focus on key communicative structures in Spanish with emphasis on aural-oral (listening and speaking skills) and composition writing. Cultural and literary readings and films will be used to develop these skills. A special section may be offered to address the needs of native speakers. Students may be required to work with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): SPA 101, 102, 103 or placement test.

SPA 201 Spanish IV 3 Credits
A continuation of communicative Spanish review with emphasis on aural-oral and written skills to prepare students for further study. The discussion of distinctive cultural aspects of the Hispanic world is an integral part of this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisites: SPA 200 or placement test.

SPA 300 Advanced Grammar & Composition 3 Credits
A systematic review of grammatical structure. The development of writing skills, in preparation for upper level courses in literature, culture and professional language.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 301 Spanish for Business 3 Credits
A solid foundation in business vocabulary and cultural concepts; situational practice in geographic and cultural contexts necessary to be successful in today's Spanish-speaking world. Practice in writing business letters and other documents. Oral and written assignments to help students improve their critical thinking and become better communicators.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 302 Writing and Translating 3 Credits
Practice in writing and an introduction to translation for students who will use Spanish in their professional lives. Using literary, cultural and journalistic sources, students learn various writing discourses including narration, description, exposition, argumentation, and journalistic and letter writing. Translation involves preliminary study of translation theory and techniques, and practice with texts from students' chosen careers. Additional study of Spanish grammar as necessary.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 303 Advanced Communication and Popular Cultures 3 Credits
The focus of the course is to strengthen the student's aural comprehension and speaking skills by providing a framework for regular guided practice of fundamental grammar structures and vocabulary enhancement in the context of Hispanic cultures. Listening activities will include live speech, video recordings, film shorts and one full-length movie. Speaking tasks will be reinforced with written exercises.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 305 Cervantes 3 Credits
A detailed study of Cervantes' masterpiece, El ingenioso hidalgo Don Quijote de la Mancha. Lectures, discussions, and supplementary readings.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 310 Spanish Culture & Civilization 3 Credits
Spain's cultural achievements are studied in light of the country's unique historical and social reality through the use of historical, artistic, architectural, cinematic and literary sources. Cross-cultural awareness is enhanced through exercises that compare Spanish and American society. Classes are in English. No knowledge of Spanish required. This course may contain an optional travel component offered before or after the semester or during spring break.

SPA 311 Latin American Cultures 3 Credits
A panoramic survey of Latin American cultural achievements in light of the unique social and political history from the pre-Columbian period to the present. Classes are in English. No knowledge of Spanish is required.

SPA 312 Latinx Cultures 3 Credits
This course focuses on the cultural formation of Latinos/as/x in the United States, as well as the social and political motivations for Latin American migration to this country. Our class will analyze and question how various Latinx communities are grouped into a single U.S.-Latino Diaspora. This course takes a transdisciplinary approach, thus we will consider literary texts (short stories, poems, films, novels), historical and anthropological studies, and sociological works in our examination of Latinx cultures. The main goals of the course are for students to begin to conceptualize: 1) how the United States has been shaped by the presence of Latino/a/x communities, and 2) how Latino/a/x experiences are reflected in literature and art. Classes are in English. No knowledge of Spanish is required.

SPA 320 Introduction to Spanish Literature 3 Credits
Examines through lectures, readings and class discussions selected texts and their relationship to the main currents of European literary history. Introduction to the practice of literary analysis through written composition. Required for majors. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 325 Introduction to Latin-American/Latino Literature 3 Credits
A study of the development of Latin-American and Latino literature from its origins to the present through the reading, analysis and discussion of representative works by major authors. This course increases the understanding of how social, historical, and political events, together with native as well as foreign literary movements, create a unique literature, conveying the Hispanic-American reality. Required for majors. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 395 Phonetics for Communication 3 Credits
A systematic study of the production of Spanish sounds with practice in phonetic transcription and a preliminary investigation of dialects.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 403 Medieval Literature 3 Credits
Surveys the literature of Spain during the Middle Ages, with special emphasis on major writers such as Gonzalo de Berceo and Don Juan Manuel, and attention to the epic and the medieval ballad. Modern versions of medieval Spanish are used.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 410 Modern Hispanic Poetry 3 Credits
Surveys the poetic genre, emphasizing how to read, analyze, and appreciate poetry. Major poets from Spain and Spanish America of the 19th and 20th centuries representing the main currents of modern lyricism are studied. Focuses on such major writers as Rosalía de Castro, Darío, Jiménez, Machado, Vallejo, Mistral, Neruda, Lorca, Paz, Ana Rossetti, Nicolas Guillen, and Nancy Morejon.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 411 Modern Spanish Novel 3 Credits
Traces the development of the Spanish novel, paying particular attention to the masters of the 19th-century Realism (Galdos and Clarín), the innovations and experimentation of the Generation of '98 (Unamuno, Baroja, Valle-Inclan, and Pérez de Ayala), and the novelists of the post-Civil War and contemporary periods (Cela, Delibes, Goytisolo, Martín Gaite, Matute, Fernandez Cubas, and Javier Marías). Emphasis on the aesthetics of the novel as a literary form.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 412 Theater and Film of the Hispanic World 3 Credits
This course explores through theater and cinema the compelling issues that have shaped Hispanic cultures and consciousness throughout the centuries. Sample topics include war and remembrance; myth and history; freedom and authority; immigration; globalization; and race, class, and gender. The course may focus on specific authors or historical periods. Representative playwrights include Lope de Vega, Zayas, Zorrilla, Avellaneda, Lorca, Buero Vallejo, Sastre, Solorzano, Carballido, Lopez Mozo, and Pedrero. Directors include Buñuel, Saura, Gutiérrez Alea, Almodovar, Rocha, Salles, Erice, Zambrano, and Bollaín.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 413 The Hispanic Short Story: Transatlantic Connections 3 Credits
This course will introduce students to the most representative writers of the short story in Spain and Latin America from Romanticism to the present. Students will be prepared to perform close readings of the literary genre under study, to analyze the form and content of the texts read, paying due attention to all internal and external aspects that impact the narrative process and the evolution of the short story. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 415 Spanish Renaissance 3 Credits
The origins and evolution of the Renaissance in Spain and of the literary expression of Renaissance culture as reflected in the development and perfection of prose and lyrical styles through the 16th century. Topics include the medieval heritage, Spanish Humanism, the Celestina, the Renaissance ideal in amatory prose and poetry, mysticism, the ballad, and the picaresque novel.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 416 The Spanish Golden Age 3 Credits
The literature of Spain during a period of political decline and outstanding aesthetic achievement: Lope de Vega and the rise of a national theatre; Calderon's drama of ideas; the development of the novella and the picaresque novel; the poetry and prose of Gongora, Quevedo, and Gracian. Also includes an introduction to literary theory.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 420 From Colonies to Nations 3 Credits
This course consists of a panoramic survey of Colonial Latin American literature in light of the unique social, cultural and political history from the pre-Columbian to the Independence period (1825). Course taught in Spanish. Note: This course is cross-listed as LAC 420. Students may not get credit for both SPA 420 and LAC 420.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 426 Latin American/Latino Film and Fiction 3 Credits
A study of the main trends in contemporary Hispanic fiction written in Latin America and the United States. Analysis and discussion of selected novels and short stories, and their cinematic representation on film. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 430 Latinx Community Engagement 3 Credits
This course explores the experiences of Latinx individuals and communities across the United States through a) class meetings and discussions, and b) community engagement with pre-established partner organizations in and around Lawrenceville, NJ. Broadly, our course will examine questions related to identity, race, ethnicity, language, transnationalism, (im)migration, the border, (im)migrant detention, and solidarity movements.
Prerequisite(s): SPA 201 or above.

SPA 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

SPA 491 Internship in Foreign Languages 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major.
Prerequisite(s): students should have completed at least one 300-level course in the foreign language.

SPA 496 Special Studies 3 Credits
A seminar open to a variety of topics treating a particular author, period, genre, theme, or issue.
Prerequisite(s): permission of instructor.

Sport Management

Program Overview

The sport management co-major prepares students for a career in one of the world's biggest businesses: the fast-growing multi-billion dollar sport

industry. Students gain a competitive edge as they develop a working understanding of the critical role business plays in every facet of sports and sports-related organizations.

This dual major program leads to a Bachelor of Science in Business Administration (B.S.B.A.) degree with two majors, sport management and a second major offered by one of the five departments in the Norm Brodsky College of Business.

Student Learning Outcomes

A sport management graduate will be able to:

- demonstrate information literacy in gathering, evaluating, and synthesizing research material related to the sport industry;
- demonstrate competence in oral and written communication;
- demonstrate the ability to apply information technology in the analysis of sport business problems;
- appraise and evaluate sports related ethical issues;
- demonstrate the ability to think critically;
- demonstrate the ability to be productive team members.

Curriculum Overview

The sport management co-major is designed to give students a broad-based business education by combining it with another discipline offered by Rider's Norm Brodsky College of Business. This unique pairing provides students a deeper understanding of the legal, ethical, economic, social and managerial issues related to sports.

The business-based curriculum prepares students for diverse career opportunities in professional sport organizations, college and high school athletic administration, sport governing bodies, event and facility management, marketing firms, media organizations and entrepreneurial ventures.

Degree Offered

- B.S.B.A. in Sport Management

Contact

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(https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)**Program Website**: Sport Management (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/sport-management/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)

Related Programs

- Business Administration (p. 91)
- Marketing (p. 386)
- Business Analytics (p. 97)
- Management & Leadership (p. 372)
- Finance (p. 269)
- Sports Media (p. 538)

Sport Management Major Requirements

Code	Title	Credits
BUSINESS CORE		
See Business Core Requirements (p. 573)		
Required Courses:		
SPT 250	Introduction to the Business of Sports	3
SPT 450	Contemporary Issues in Sport Management	3
Select four courses below from List A and List B, with at least three from List A:		**12**
List A:		
ECO 326	Economics of Sports	
ENT 210	Sports Entrepreneurship	
MKT 280	Sports Marketing	
SPT 320	Business of Global Sport	
SPT 322	Sports Analytics	
SPT 325	Financial Management in the Sport Industry	
SPT 355/OR LAW 355	Sports and the Law	
SPT 444	Selected Topics in Sport Management	
SPT 490	Independent Research and Study	
List B:		
AMS 211	Sports in American Life	
CBA 315	International Business Tour	
COM 347	Sports Communication	
GSS 333	Gender and Sport	
PSY 283	Sport Psychology	
SPT 491	Sport Management Internship	
Total Credits		**18**

1

The internship SPT 491 must be in a sports organization and be approved by the Director of the Business of Sports Program. Examples include sports teams, sports arenas and stadiums, college sports programs, sports leagues, sports agencies and sports media organizations.

Additional Note:

- For graduation, students must achieve an overall GPA of 2.0 or better in the major, with no course grade less than "C-" in any of the six courses required for the major.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3

CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
SPT 250	Introduction to the Business of Sports	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
Sport Management Major Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
Liberal Arts Elective [4]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CBA 212	Business Communications	3
Primary Major Requirement		3
Leadership Elective		3
Liberal Arts Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385	Management Information Systems	3
MSD 301	Operations Management	3
Sport Management Major Elective		3
Primary Major Requirement		3
Liberal Arts Elective [4]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BUS 400	Strategic Management and Policy	3
Primary Major Requirement		3
Sport Management Major Elective		3
Primary Major Requirement (International Business) [3]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
SPT 450	Contemporary Issues in Sport Management	3
Primary Major Requirement		3
Primary Major Requirement		3
Sport Management Elective (International Business) [3]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3 credit Free Elective.

3

Students are required to complete 6 credits of International Business which can be fulfilled as major courses or as Free Electives.

4

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

Courses and Descriptions

AMS 211 Sports in American Life 3 Credits
Literary, sociological, and psychological views of sports in 20th-century American life are examined, focusing on sports as a symbol and reflection of our ideals and tensions.

CBA 315 International Business Tour 3 Credits
Provides students with the opportunity to observe various international business environments outside of the United States. Students should gain a better appreciation of how culture, history, and politics influence organizational dynamics, business functions, and business customs.
Prerequisite(s): Junior or senior standing and permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

ECO 326 Economics of Sports 3 Credits
The overall objective of this course is to deepen student understanding of microeconomic principles by applying microeconomic concepts to the analysis of professional and amateur sports. This course will utilize concepts from many different microeconomic specialties, (primarily Industrial Organization, Labor Economics and Public Finance). The tools from these different microeconomic fields will be used to explain and analyze the operation of professional sports teams and leagues in the U.S. with an emphasis on baseball, football, basketball and hockey. International comparisons will be made between professional sports in the U.S. and the rest of the world. The course will also analyze the not-for-profit sports sector, focusing on college sports and the National Collegiate Athletic Association.
Prerequisite(s): ECO 201.

ENT 210 Sports Entrepreneurship 3 Credits
Sports Entrepreneurship will introduce students to entrepreneurship in the sports industries as they explore opportunities and challenges for new ventures in this sector. Using an industry's business model, students will identify competitive advantages and understand what is required for startup success.

GSS 333 Gender and Sport 3 Credits
Typical thoughts of sport include ticket prices, player salaries, team rosters, and league standings; rarely is it viewed from a gender perspective. This course will go beyond the examination of Title IX to better understand the relationship between masculinity, femininity and sports. This course will examine various aspects of gender and sport, including media and gender representation, race and ethnicity, drugs and violence, men and masculinities, sexualities, policy and politics, the feminist critique of sport, the initiation rites and hazing in college sports, sports wagering, and the internationalization of sport, including but not limited to the Olympics and Paralympics.

MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

SPT 250 Introduction to the Business of Sports 3 Credits
This course is designed to introduce the student to the business of sports. Business principles, such as management, marketing, law, finance and economics will be applied to the business of sports. The course will also explore the various career opportunities in the world of sports.

SPT 320 Business of Global Sport 3 Credits
The course explores the diverse challenges and issues facing the managers of sport enterprises in the context of the global marketplace. Issues of governance, cross-cultural interactions and business activities will be examined as they relate to modern sport at the international level. By evaluating case studies and examining current issues in the field, students will gain an understanding of the relationships and responsibilities associated with being a business professional in the global sport industry.

SPT 322 Sports Analytics 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of statistical techniques and visualizations to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations and fantasy competitions. Classwork will consist of readings, lectures, discussions, presentations from guest speakers, and hands-on labs. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite(s): CIS 185, MSD 200 or MSD 205, and SPT 250.

SPT 325 Financial Management in the Sport Industry 3 Credits
This course is designed to build upon earlier knowledge from courses in economics, accounting and finance that emphasizes the sports industry and the challenge for financial managers in areas such as stadium/arena financing, financial analysis and valuation. Business models and their financial implications for media and sports related enterprises as well as the business of college athletics will also be covered.

SPT 355 Sports and the Law 3 Credits
Examines the legal, ethical, economic, social and managerial issues related to sports. Topics include liability issues, contracts, employment discrimination, antitrust law, and constitutional law. This course is cross-listed as LAW 355. Students may not get credit for both SPT 355 and LAW 355.

SPT 444 Selected Topics in Sport Management 3 Credits
This course is offered occasionally with topics and prerequisites set by the Business of Sports Program faculty. This course can be used as an elective for the Sport Management major, Sport Studies minor, or as a free elective. This course is graded on a letter grade basis.
Prerequisite: SPT 250.

SPT 450 Contemporary Issues in Sport Management 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of lectures, discussions, and guest speakers from the sports industry. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite: SPT 250, senior standing, and completion of 15 credit hours in business of sports coursework or permission of instructor.

SPT 490 Independent Research and Study 1-4 Credits
Topic to be approved by the professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.
Prerequisite(s): Junior standing, 9 credits in Sport Management courses (including SPT 250) and permission of instructor.

SPT 491 Sport Management Internship 1-3 Credits
This course provides the student with the opportunity to supplement and apply their classroom work in a supervised employment setting with participating sport-related companies. Requirements include a journal with a log of weekly activities and a paper summarizing their experiences, submitted to the internship supervisor. Evaluation will also include a report by the company on the intern's performance. Students will receive a letter grade based on their internship performance, as well as their performance on the journal and final reflection submissions. Sports related internships can be used to satisfy an elective requirement for the Sport Management Major, Sport Studies Minor and business or free electives.
Prerequisite(s): permission of instructor.

Sport Studies

Program Overview

The sport studies minor is an interdisciplinary program available to all Rider students. The curriculum has been designed to provide students with courses relevant to the examination of the multi-dimensional world of sports and to appreciate the important role of sports in shaping culture.

Departments and programs from across the University have developed courses for this program enabling students to study and critically evaluate the social, political, ethical, legal, economic and media related issues in sports.

Curriculum Overview

The curriculum gives students the opportunity to use the expertise and perspectives from their major to pursue in-depth study of sports related issues. On campus coursework is complemented by hands on internships, experiential learning through international sports related travel courses and presentations from guest speakers employed in a variety of roles in the sports industry. The experiential component of the minor also helps to give students a greater understanding of sports related employment possibilities as well as preparation for graduate work in sports management and administration programs.

Minor Offered

- Minor in Sport Studies

Contact

Lisa Rufer, Ph.D.
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Program Website: Sport Studies (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/sport-studies/)

Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)

Related Programs

- Business Administration (p. 91)
- Marketing (p. 386)
- Business Analytics (p. 97)
- Management & Leadership (p. 372)
- Finance (p. 269)

Sport Studies Minor Requirements

Code	Title	Credits
SPT 250	Introduction to the Business of Sports	3
SPT 450	Contemporary Issues in Sport Management	3
Select four courses from the list below:		**12**
AMS 211	Sports in American Life	
CBA 315	International Business Tour	
COM 347	Sports Communication	
ECO 326	Economics of Sports	
ENT 210	Sports Entrepreneurship	
GSS 333	Gender and Sport	
MKT 280	Sports Marketing	
PSY 283	Sport Psychology	
SPT 320	Business of Global Sport	
SPT 322	Sports Analytics	
SPT 325	Financial Management in the Sport Industry	
SPT 355	Sports and the Law	
or LAW 355	Sports and the Law	
SPT 444	Selected Topics in Sport Management	
SPT 491	Sport Management Internship	
Total Credits		**18**

Note: If selecting SPT 491 and/or CBA 315, the topic must be sports-related.

Courses and Descriptions

AMS 211 Sports in American Life 3 Credits
Literary, sociological, and psychological views of sports in 20th-century American life are examined, focusing on sports as a symbol and reflection of our ideals and tensions.

CBA 315 International Business Tour 3 Credits
Provides students with the opportunity to observe various international business environments outside of the United States. Students should gain a better appreciation of how culture, history, and politics influence organizational dynamics, business functions, and business customs.
Prerequisite(s): Junior or senior standing and permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

ECO 326 Economics of Sports 3 Credits
The overall objective of this course is to deepen student understanding of microeconomic principles by applying microeconomic concepts to the analysis of professional and amateur sports. This course will utilize concepts from many different microeconomic specialties, (primarily Industrial Organization, Labor Economics and Public Finance). The tools from these different microeconomic fields will be used to explain and analyze the operation of professional sports teams and leagues in the U.S. with an emphasis on baseball, football, basketball and hockey. International comparisons will be made between professional sports in the U.S. and the rest of the world. The course will also analyze the not-for-profit sports sector, focusing on college sports and the National Collegiate Athletic Association.
Prerequisite(s): ECO 201.

ENT 210 Sports Entrepreneurship 3 Credits
Sports Entrepreneurship will introduce students to entrepreneurship in the sports industries as they explore opportunities and challenges for new ventures in this sector. Using an industry's business model, students will identify competitive advantages and understand what is required for startup success.

GSS 333 Gender and Sport 3 Credits
Typical thoughts of sport include ticket prices, player salaries, team rosters, and league standings; rarely is it viewed from a gender perspective. This course will go beyond the examination of Title IX to better understand the relationship between masculinity, femininity and sports. This course will examine various aspects of gender and sport, including media and gender representation, race and ethnicity, drugs and violence, men and masculinities, sexualities, policy and politics, the feminist critique of sport, the initiation rites and hazing in college sports, sports wagering, and the internationalization of sport, including but not limited to the Olympics and Paralympics.

MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

SPT 250 Introduction to the Business of Sports 3 Credits
This course is designed to introduce the student to the business of sports. Business principles, such as management, marketing, law, finance and economics will be applied to the business of sports. The course will also explore the various career opportunities in the world of sports.

SPT 320 Business of Global Sport 3 Credits
The course explores the diverse challenges and issues facing the managers of sport enterprises in the context of the global marketplace. Issues of governance, cross-cultural interactions and business activities will be examined as they relate to modern sport at the international level. By evaluating case studies and examining current issues in the field, students will gain an understanding of the relationships and responsibilities associated with being a business professional in the global sport industry.

SPT 322 Sports Analytics 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of statistical techniques and visualizations to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations and fantasy competitions. Classwork will consist of readings, lectures, discussions, presentations from guest speakers, and hands-on labs. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite(s): CIS 185, MSD 200 or MSD 205, and SPT 250.

SPT 325 Financial Management in the Sport Industry 3 Credits
This course is designed to build upon earlier knowledge from courses in economics, accounting and finance that emphasizes the sports industry and the challenge for financial managers in areas such as stadium/arena financing, financial analysis and valuation. Business models and their financial implications for media and sports related enterprises as well as the business of college athletics will also be covered.

SPT 355 Sports and the Law 3 Credits
Examines the legal, ethical, economic, social and managerial issues related to sports. Topics include liability issues, contracts, employment discrimination, antitrust law, and constitutional law. This course is cross-listed as LAW 355. Students may not get credit for both SPT 355 and LAW 355.

SPT 444 Selected Topics in Sport Management 3 Credits
This course is offered occasionally with topics and prerequisites set by the Business of Sports Program faculty. This course can be used as an elective for the Sport Management major, Sport Studies minor, or as a free elective. This course is graded on a letter grade basis.
Prerequisite: SPT 250.

SPT 450 Contemporary Issues in Sport Management 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of lectures, discussions, and guest speakers from the sports industry. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite: SPT 250, senior standing, and completion of 15 credit hours in business of sports coursework or permission of instructor.

SPT 491 Sport Management Internship 1-3 Credits
This course provides the student with the opportunity to supplement and apply their classroom work in a supervised employment setting with participating sport-related companies. Requirements include a journal with a log of weekly activities and a paper summarizing their experiences, submitted to the internship supervisor. Evaluation will also include a report by the company on the intern's performance. Students will receive a letter grade based on their internship performance, as well as their performance on the journal and final reflection submissions. Sports related internships can be used to satisfy an elective requirement for the Sport Management Major, Sport Studies Minor and business or free electives.
Prerequisite(s): permission of instructor.

Sports Media

Program Overview

The sports media program allows students to learn and utilize their communication skills in an academic setting that reflects a professional environment. The program features classes in sports journalism, broadcasting/announcing, content creation, social media, and public relations. Besides course work in these areas, students will have the opportunity to cover sports for ESPN+, 107.7 The Bronc (https://www.1077thebronc.com/), The Rider News (https://www.theridernews.com), Rider University's Divison I athletics program and a multitude of internships in the nearby New York City and Philadelphia markets. From the first day students set foot on campus, they can be involved with the coverage and production of sporting contests that leads them to the ultimate goal of developing a professional portfolio to market themselves with upon graduation.

Curriculum Overview

Students will learn the fundamental and advanced procedures involved with journalism, television and public relations. All of these academic areas are focused on sports content in order to make a student well versed in both communication skills and the inner workings of the sports media industry.

Classes will utilize the Department of Communication, Journalism and Media's three state-of-the-art journalism labs, television studio, radio studio, and have access to college and professional sports organizations.

Because of Rider's commitment to professional learning, students will be able to produce content for 107.7 The Bronc (https://www.1077thebronc.com/), The Rider News (https://www.theridernews.com/), The Rider University Network R.U.N. TV (http://runetwork.weebly.com), and intern with the many college and professional teams located within minutes from campus.

The capstone experience for Sports Media students is a live sports reporting class in which students attend multiple live sporting events and create content from the press box and have access to post-game interviews.

Degree Offered

- B.A. in Sports Media
- Minor in Sports Media

Contact

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Program website: Sports Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/sports-media/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs:

- Communication Studies (p. 114)
- Film and Television (p. 904)
- Graphic Design (p. 301)
- Journalism (p. 346)
- Public Relations (p. 482)
- Radio and Podcasting (p. 493)
- Social Media Strategies (p. 512)
- Sports Management (p. 532)
- Web Design (p. 561)

Sports Media Major Requirements

(45 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Department Core:		
COM 102	Introduction to News Writing	3
COM 105	Communication, Culture and Media	3
COM 131	Fundamentals of Video Production	3
COM 204	Advanced Speech Communication	3
COM 264	Digital Media: Theory and Practice	3
COM 301	Communication Law	3
COM 302	Communication Ethics	3
Required Courses for the Sports Media Major:		
SPT 250	Introduction to the Business of Sports	3
COM 247	Covering the Sports Betting Industry	3
COM 270	Sports Multimedia Reporting	3
COM 347	Sports Communication	3

COM 370	Sports Television and Field Production	3
COM 371	Sports Feature Content Creation	3
or COM 316	Feature Writing	
COM 470	Live Sports Reporting Capstone	3
Select one of the following:		**3**
MKT 280	Sports Marketing	
COM 211	Copy Editing	
COM 280	Issues in Event Planning	
COM 314	Development & Communication of Nonprofit Organizations in Sport	
COM 327	Career Development in the Sports Marketplace	
COM 361	Photography	
COM 491	Internship in Communication	
Total Credits		**45**

Sports Media Minor Requirements

(21 credits)

Code	Title	Credits
COM 102	Introduction to News Writing	3
COM 131	Fundamentals of Video Production	3
COM 270	Sports Multimedia Reporting	3
COM 347	Sports Communication	3
COM 361	Photography	3
COM 370	Sports Television and Field Production	3
COM 470	Live Sports Reporting Capstone	3
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 102	Introduction to News Writing	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 105	Communication, Culture and Media	3
Social Perspectives		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 264	Digital Media: Theory and Practice	3
Scientific Perspectives		3
Aesthetic Perspectives: Fine Arts		3
Foreign Language [2]		3
	Semester Credit Hours	**15**
Spring Semester		
SPT 250	Introduction to the Business of Sports	3
COM 270	Sports Multimedia Reporting	3
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Foreign Language [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
MKT 200	Marketing Principles	3
COM 240	Public Relations	3
COM 361	Photography	3
COM 370	Sports Television and Field Production	3
Elective Course Credits [1]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 204	Advanced Speech Communication	3
MKT 280	Sports Marketing	3
COM 301	Communication Law	3
COM 371 or COM 316	Sports Feature Content Creation or Feature Writing	3
Elective Course Credits [3]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 247	Covering the Sports Betting Industry	3
COM 302	Communication Ethics	3
COM 347	Sports Communication	3
Elective Course Credits		6
	Semester Credit Hours	**15**
Spring Semester		
COM 470	Live Sports Reporting Capstone	3
Sports Media Elective		3
Elective Course Credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 Suggested elective courses: SPT 355, AMS 211

2 For course placement information, see the course placement page (http://www.rider.edu/offices-services/orientation/course-placement/).

3

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

SPT 250 Introduction to the Business of Sports 3 Credits
This course is designed to introduce the student to the business of sports. Business principles, such as management, marketing, law, finance and economics will be applied to the business of sports. The course will also explore the various career opportunities in the world of sports.

Sustainability Studies

Program Overview

Environmental sustainability is clearly a defining issue of the 21st century. Alarming patterns of environmental degradation have emerged since the beginning of the industrial revolution. Creating social, systematic, and commercial structures that reverse this trend by explicitly acknowledging and nurturing the interconnectedness of the natural and human environment is an important challenge facing Rider's graduates. Educators, entrepreneurs, chemists, journalists, psychologists and analysts will all need to understand the ways that our economic, natural and social systems work together to sustain the collective human enterprise.

Concentrating on the interdependence of natural, economic and human systems, the sustainability studies minor helps students explore the complex task of protecting the earth while generating economic welfare and ensuring social justice. Because the minor draws on a network of approaches (social, scientific, economic), students will be equipped to take on increasingly pressing challenges in areas ranging from education and energy, communications and design to ecosystems management, business and government.

The program also provides students with opportunities to get under the hood, exploring what "going green" really means. Coursework is application-intensive. The introductory course will expose students to a wide range of issues, from food to packaging, from natural lands preservation to building sustainable communities. Other coursework complements students exploration of these issues. A broad range of internship and independent study opportunities are available for interested students. The capstone course brings together a team of students to address a real problem on the Rider campus, hopefully making significant changes along the way.

Students in the sustainability studies minor will take six courses (20-21 credits) in environmental and social sciences, ethics and business. Sustainability-related courses that contribute to the minor are offered within many majors. The introductory course is deeply interdisciplinary, drawing on expertise from across the University in the social sciences, business, history, philosophy, ecology, physics and marketing. After this introduction, students are expected to complete an independent study or internship project on or off campus that provides hands-on experience with the complex tasks required to make systems more sustainable. The capstone course draws on the interests and expertise of the enrolled students who together will identify a specific sustainability challenge on

the Rider campus and devise, implement, and measure the effects of a plan to address it.

Minor Offered

- Minor in Sustainability Studies

Contact

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Program Website: Sustainability Studies (http://www.rider.edu/sustainability-studies/)

Associated Department: Earth & Chemical Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Accounting (p. 19)
- Earth and Environmental Sciences (p. 195)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Geology (p. 290)
- Global Supply Chain Management (p. 295)
- Marine Sciences (p. 380)
- Political Science (p. 449)
- Sociology (p. 518)

Sustainability Studies Minor Requirements

(20-21 credits)

Code	Title	Credits
Foundation Courses [1]		**14**
SUS 100	Introduction to Sustainability Studies	
ENV 100	Introduction to Environmental Sciences	
PHL 215	Environmental Ethics	
GSC 115	Introduction to Global Supply Chain Mgt.	
Disciplinary Explorations [2]		**3-4**
Select one of the following:		
AMS 304	Technology and Science in America	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest	
BIO 350	General Ecology	
ENG 218	Literature and the Environment	
ENG 318	Food Writing	
ENG 322	Grant Proposals, Fundraising and Development	
ENV 200	Statistical and Computer Applications in the Natural Sciences	
ENV 205	Introduction to Geographic Information Systems	
ENV 220	Weather and Climate Change	
HIS 224	American Environmental History	
POL 215	Global Politics	
POL 328	Environmental Politics	
POL 329	Comparative Environmental Policy	
POL 330	Geopolitics of Energy	
SOC 225	Population Study	
SOC 340	Power and Politics	
SOC 350	Social Policy	
Experiential Learning [3]		**3**
SUS 490	Independent Study: Research and Creative Expression	
SUS 491	Internship in Sustainability	
Total Credits		**20-21**

1

PHL 202 or PHL 360 may be substituted with permission of the chair.

2

Or other special topics courses as reviewed by a quorum of the GEMS faculty.

3

Students must earn 3 credits total from SUS 490, SUS 491, or a combination of these two courses. SUS 491 may only be taken twice.

Courses and Descriptions

SUS 100 Introduction to Sustainability Studies 4 Credits
Sustainability is an idea that will shape the lives of all in the 21st century. Students will explore how we arrived at our current precarious environmental situation and investigate cutting-edge methods that support human development and protect the natural ecosystems on which we will depend. By exploring principles of sustainability (whole-systems approaches, resource limitations, stewardship) through many different lenses, students will appreciate the interdisciplinarity of the sustainability enterprise. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): SUS 100L.

SUS 100L Intro to Sustainability Lab 0 Credits
For students concurrently taking SUS 100. Field trips, visiting speakers, and films to complement topics covered in the introductory course. One three-hour laboratory per week.
Corequisite(s): SUS 100.

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

GSC 115 Introduction to Global Supply Chain Mgt. 3 Credits
This course introduces students to components of global supply chains and issues of managing the global supply chain. It is designed as a survey course to give first or second year business students a general view of supply chain management at both domestic and international levels, as well as familiarize them with basic concepts and major challenges of supply chain management. Delivery of course material will include lectures and guest speakers from industry, and in-class logistics mini cases.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

SUS 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in applying sustainability principles in a field setting. Students are expected to assess the outcomes of their projects and communicate their results verbally and in writing to interested audiences.

SUS 491 Internship in Sustainability 1-4 Credits
A supervised work/service experience in an approved organization where students gain understanding and experience with applying sustainability principles. Placements may be in private, public, educational, non-profit or governmental organizations. Students are expected to include measurement and documentation of the environmental, social, and economic impact of their work. A minimum of 50 hours of work is required for one credit. At least 150 hours are required to earn 3 credits.

Teaching English to Speakers of Other Languages (TESOL)

Overview

The Certificate in TESOL is for non-education students and it is geared to those interested in teaching English or other content areas such as mathematics, biology, philosophy, or history among others, in bilingual settings abroad or in adult education programs after graduation. This 9-credit program links current research to best practices in the field of language teaching. It offers an introduction to language learning theories, teaching methodology, and classroom management, with opportunities to work with actual students and receive feedback from professors.

Admission Requirements

Advanced low in the ACTFL English proficiency scale or B2 in the Common European Framework of Reference for Languages for those who are not native speakers of English.

Degree Offered

- Certificate in TESOL (Teaching English to Speakers of Other Languages)

Contact

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Associated Department: Languages, Literatures and Cultures (https://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/)

Certificate Requirements

(9 credits)

Code	Title	Credits
Required Course:		
FLE 420	Teaching a Second Language	3
Select one of the following:		**3**
ENG 236	Applied Grammar & Syntax	
ENG 336	Grammar and Style	
FLE 320	Introduction to Linguistics and Psycholinguistics	
Select one of the following:		**3**
CHI 310	Chinese Culture and Civilization	
CHI 311	Calligraphy As a Window to Chinese Language and Culture	
FRE 311	French Culture	
GLS 180	Understanding Global Relations	
IND 210	Global Encounters	
MCS 110	Race, Class and Gender in Contemporary American Society	
MCS 220	Issues in Multicultural Studies	
SOC 207	Racial and Ethnic Relations	
SPA 102	Elementary Spanish II Abroad	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
Total Credits		**9**

In addition to the courses above a Practicum of 20 hours is required to complete the certificate.

Courses and Descriptions

CHI 310 Chinese Culture and Civilization 3 Credits
This course introduces students to Chinese Civilization and Culture. Through reading, viewing, discussion, and presentation, students will have a chance to "experience" Chinese cultural riches and "interact with" its long history, religions, philosophies, literature and art, politics, as well as its different peoples and diverse customs. We will learn about China's ancient dynasties and its cultural and aesthetic achievements in the past, and its modern revolutions, nationalism, communism, and post-Mao economic and political reforms today. We will also explore Chinese customs, particularly festivals, and try to gain an appreciation of different social relationships and diverse cultural practices. No knowledge of Chinese required. This course offers an optional TRIP TO CHINA during Spring Break or in May WHICH WILL EARN 3 ENGAGED LEARNING POINTS. Interested students must register for the travel course separately from taking CHI 310.

CHI 311 Calligraphy As a Window to Chinese Language and Culture 3 Credits
This course provides students with a chance to gain an intimate knowledge of Chinese language and culture through calligraphy. Students will learn the basic principles and techniques of writing Chinese characters with the writing brush. They will be introduced to the pronunciation, the composition and evolution of Chinese characters so that they will be able to read and understand what they write. Students will also learn how calligraphy is immersed in various aspects of Chinese culture. The main content of the course derives from examining applications of calligraphy to poetry, painting, and core concepts of Confucianism, Daoism and Buddhism. They will have a chance to cross time and space, having dialogues with Confucius, experiencing Buddhist bliss of final "awakening" or "enlightenment" and abandoning themselves to the Daoist spontaneous flow with the movement of Nature and the cosmos. No knowledge of Chinese language is required.

ENG 236 Applied Grammar & Syntax 3 Credits
This course offers a review of the essential elements of English grammar and syntax and fosters understanding of how these elements work in notable argumentative and expository writing as well as in the student's own compositions. Focus is on both expert reading and effective writing. Changing attitudes toward usage, including influence of digital media on language use, are discussed. May be taken as preparation for, or independently of ENG 336, which addresses grammar, syntax, and style at a more advanced level.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 336 Grammar and Style 3 Credits
By building a comprehensive knowledge of the conventions of English grammar, punctuation and syntax, students will learn how to analyze the way words, phrases, sentences, and paragraphs work in expert writing, and they will apply this knowledge to their own writing. Emphasis is on argument, exposition, and analysis.
Prerequisite(s): completion of composition requirements or permission of instructor.

FLE 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to general linguistics and basic contrastive study of English, French, German, and Spanish sounds, forms, and syntax. Students visit schools where they interview language learners and sample their speech for analysis. Applications of these studies are made to creating instructional materials and to teaching. Theories of language acquisition as well as factors affecting second language learning, including learning styles and personality, are studied. A rationale for communicative language teaching and learning is constructed. Note: This course is cross-listed as EDU 320. Students may not get credit for both FLE 320 and EDU 320.

FLE 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross- cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolios and philosophy of second language teaching, prepare a thematic unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. Note: This course is cross-listed as EDU 420 and EDUC 521. Students may not get credit for FLE 420, EDU 420, and EDUC 521. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

FRE 311 French Culture 3 Credits
A study of modern France and French value orientations as they are rooted in tradition and history and continue to shape everyday life as well as institutions, social organizations, artistic expression, education, attitudes and human interaction. A comparative approach will examine the underlying differences between France and the United States. Classes are in English.

GLS 180 Understanding Global Relations 3 Credits
Offers an introduction to Global and Multinational Studies by exposing the student to basic concepts necessary to understand the dynamics underlying the emerging worldwide society of diverse nations. The student will become acquainted with the mechanisms by which contacts are built across nations, and the factors that shape the conception of and relations with "the other.".

IND 210 Global Encounters 3 Credits
This course provides students with an exposure to foreign cultures consisting of both travel and study components. Destinations may include countries in Europe, Latin America, or Asia. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. A travel fee is required. No foreign language skills are required unless otherwise indicated.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 220 Issues in Multicultural Studies 3 Credits
An examination of issues and questions posed by the existence of diversity in social life. Students build on what they have learned in MCS 110 by focusing in greater depth on selected aspects of multicultural interaction. Topics change each semester and are listed in the course roster. Recent topics include "Understanding Privilege," "The Meaning of Difference," and "Narratives of Human Difference: Science, Politics, Literature."
Prerequisite(s): MCS 110 or permission of instructor.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SPA 102 Elementary Spanish II Abroad 3 Credits
This course is the second part of the first-year experience in Spanish and is designed for students who have taken Spanish for Beginners I and who are interested in experiences abroad in a Spanish speaking culture. The aim is to develop the four basic skills (listening comprehension, speaking, reading, and writing) in and beyond the classroom. The discussion of distinctive cultural aspects of the Hispanic world is an integral part of this course as well as to encourage students to experience the world through the eyes of the other culture by exposing them to the literature and arts of the local culture. This course takes 8 weeks in total, 7 weeks at Rider online and 1 week abroad. During the seven weeks, students practice linguistic skills and gain cultural knowledge related to the country of destination. These skills and knowledge will prepare the students for the one week abroad experience.
Prerequisite(s): SPA 100 with a minimum grade of D.

SPA 310 Spanish Culture & Civilization 3 Credits
Spain's cultural achievements are studied in light of the country's unique historical and social reality through the use of historical, artistic, architectural, cinematic and literary sources. Cross-cultural awareness is enhanced through exercises that compare Spanish and American society. Classes are in English. No knowledge of Spanish required. This course may contain an optional travel component offered before or after the semester or during spring break.

SPA 311 Latin American Cultures 3 Credits
A panoramic survey of Latin American cultural achievements in light of the unique social and political history from the pre-Columbian period to the present. Classes are in English. No knowledge of Spanish is required.

Theatre

Program Overview

In addition to a full array of theatre coursework, six main-stage productions each year give students a wide variety of experiences and opportunities. As a theatre major at Rider, students have the choice of pursuing a design & technology or contemporary theatre practice track. Musical theatre majors receive an education in the various areas necessary to develop as a professional musical theatre performer. Design & Technology majors are offered a wide range of courses in the various aspects of theatre production. Contemporary Theatre Practice majors use their degree to pursue careers as educators, directors, playwrights, producers, and dramaturgs. Both tracks allow you the ability to add a second major or minor.

Audition or Interview

A satisfactory audition or interview must be completed before a student is accepted into this major. Audition and interview requirements may be found on the Admissions audition website (http://www.rider.edu/ugauditions/).

Degrees Offered

- B.A. in Theatre: Contemporary Theatre Practice
- B.A. in Theatre: Design & Technology

Contact

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Associated Department: Performing Arts

Related Programs:

- Arts and Entertainment Industries Management
- Dance
- Musical Theatre / Musical Direction (p. 433) (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/music-theatre-piano-primary-bm/)

Theatre Major Program Requirements

General Remarks

For all majors offered in the Theatre & Dance Department students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the course must be repeated.

Theatre majors must select one area of concentration below:

Contemporary Theatre Practice Concentration Requirements (p. 545)(43 credits)

Design & Technology Concentration Requirements (p. 546) (51 credits)

Contemporary Theatre Practice Concentration
(54 credits)

Code	Title	Credits
General Education Requirements		
Performing Arts General Education Requirements (p. 1154)		

Aesthetic Perspectives		
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
THE 260	History of Style and Decor	3
THE 118	Visual Imagination	3
Choose One Elective from list below:		
THE 319	Costume Design	3
or THE 317	Scenic Design	
or THE 318	Stage Lighting Design	
or THE 228	Projection Design	
or THE 227	Properties and Scenic Painting	
Foundations of Management/Leadership		
AAD 121	Arts Management Foundations	3
AAD 307	Touring and Production Management	3
THE 219	Stage Management	3
Components of Process		
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab (taken 6 times) [1]	0
THE 190	Production I (taken 2 times for a total of 2 credits)	2
THE 215	Introduction to Theatrical Lighting and Sound	3
THE 216	Introduction to Scenic Construction	3
THE 240	Script Analysis	3
THE 250	Introduction to Costume Construction	3
THE 400	Directing for the Stage I	3
Choose one elective from list below to align with path choice		
THE 110	Acting II: Scene Study	3
or THE 401	Directing for the Stage II	
or THE 491	Internship in Theater	
Putting It Together		
THE 201	Devised Theatre	3
THE 390	Production III (Taken 1 time for 1 credit)	1
THE 496	Senior Internship (OR Senior Capstone)	3
or THE 498	Senior Capstone	
Total Credits		**54**

1

Double majors should consult with their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

Theatre Design and Technology Concentration

Code	Title	Credits
General Education Requirements		
Performing Arts General Education Requirements (p. 1154)		
Design and Technology Requirements		
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab (Repeat 6 times) [1]	0
THE 118	Visual Imagination	3
THE 190	Production I (taken 3 times)	3
THE 215	Introduction to Theatrical Lighting and Sound	3
THE 216	Introduction to Scenic Construction	3
THE 219	Stage Management	3
THE 240	Script Analysis	3
THE 250	Introduction to Costume Construction	3
THE 260	History of Style and Decor	3
THE 290	Production II (taken 2 times)	2
THE 390	Production III	1
THE 400	Directing for the Stage I	3
THE 498	Senior Capstone	3
Design Courses: complete all 3 courses:		**9**
THE 318	Stage Lighting Design	
THE 319	Costume Design	
THE 317	Scenic Design	
Technology/Management Courses: select one of the following:		**3**
AAD 121	Arts Management Foundations	
THE 224	Stage Make Up	
THE 226	Drafting for the Stage	
THE 227	Properties and Scenic Painting	
THE 228	Projection Design	
THE 325	Sound Design	
THE 491	Internship in Theater	
Total Credits		**54**

1

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum lab requirements for each of their majors.

Theatre Minor Requirements

(20 credits)

The theatre minor requires an audition for students focusing on performance or an interview for those focusing on technical theatre in order to be accepted into the program.

Code	Title	Credits
Complete the following courses:		
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab (2 terms)	0
THE 115	Stagecraft	3
Two Theatre elective courses		6
THE 190	Production I [1]	2
or THE 127	Theatre Production	
Total Credits		**20**

1

THE 190 or THE 127 must be taken twice to earn 2 credits.

Academic Plans of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

B.A. in Theatre: Design and Technology (p. 546)
B.A. in Theatre: Contemporary Theatre Practice (p. 548)

B.A. In Theatre: Design and Technology

Course	Title	Credits
Year 1		
Fall Semester		
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab	0
CMP 115 or CMP 120 or BHP 150	Intro to Expository Writing or Seminar in Writing and Rhetoric or Honors Seminar: Great Ideas II	3
THE 190	Production I	1
THE 118	Visual Imagination	3
General Education Electives		6
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 260	History of Style and Decor	3
THE 216 or THE 215	Introduction to Scenic Construction or Introduction to Theatrical Lighting and Sound	3
THE 226 or THE 227	Drafting for the Stage or Properties and Scenic Painting	3
THE 190	Production I	1
CMP 120 or CMP 125	Seminar in Writing and Rhetoric or Seminar in Writing and Research	3
General Education Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
THE 111	Theatre Lab	0
THE 190	Production I	1
THE 317 or THE 318	Scenic Design or Stage Lighting Design	3
THE 250	Introduction to Costume Construction (or free elective)	3
THE 224 or AAD 121 or THE 219	Stage Make Up or Arts Management Foundations or Stage Management	3
THE 240	Script Analysis	3
General Education Elective		3
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 319 or THE 260	Costume Design or History of Style and Decor	3
THE 290	Production II	1
THE 240	Script Analysis	3
THE 215 or THE 216	Introduction to Theatrical Lighting and Sound or Introduction to Scenic Construction	3
THE 228 or THE 226 or THE 227 or THE 325	Projection Design or Drafting for the Stage or Properties and Scenic Painting or Sound Design	3
General Education Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
THE 111	Theatre Lab	0
THE 290	Production II	1
THE 317 or THE 318	Scenic Design or Stage Lighting Design	3
THE 105	Theatre History to 1700	3
General Education Electives		6
THE 224 or AAD 121 or THE 219	Stage Make Up or Arts Management Foundations or Stage Management	3
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 106	Theater History Since 1700	3
THE 228 or THE 226 or THE 227 or THE 325	Projection Design or Drafting for the Stage or Properties and Scenic Painting or Sound Design	3
THE 390	Production III	1
THE 319	Costume Design (or Free Elective)	3
General Education Electives or Free Electives		6
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
THE 498	Senior Capstone	3
THE 224 or AAD 121 or THE 219 or THE 491	Stage Make Up or Arts Management Foundations or Stage Management or Internship in Theater	3
General Education Electives		6
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
THE 400	Directing for the Stage I	3
THE 498	Senior Capstone (or Free Elective)	3

THE 228	Projection Design	3
or THE 227	or Properties and Scenic Painting	
or THE 226	or Drafting for the Stage	
or THE 325	or Sound Design	
or THE 491	or Internship in Theater	
	Semester Credit Hours	**9**
	Total Credit Hours for Graduation	**120**

B.A. in Theatre: Contemporary Theatre Practice

Course	Title	Credits
Year 1		
Fall Semester		
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab	0
THE 190	Production I	1
CMP 115	Intro to Expository Writing	3
or CMP 120	or Seminar in Writing and Rhetoric	
or BHP 150	or Honors Seminar: Great Ideas II	
THE 118	Visual Imagination	3
General Education Courses		6
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 115	Stagecraft	3
CMP 120	Seminar in Writing and Rhetoric	3
or CMP 125	or Seminar in Writing and Research	
THE 190	Production I	1
Contemporary Theatre Elective		3
General Education Elective or Free Electives		6
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
THE 111	Theatre Lab	0
THE 105	Theatre History to 1700	3
THE 207	Contemporary Theatre	3
THE 240	Script Analysis	3
THE 190	Production I	1
General Education Courses		6
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 106	Theater History Since 1700	3
ENG 311	Creative Writing: Playwriting	3
THE 400	Directing for the Stage I	3
General Education Electives		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
THE 111	Theatre Lab	0
THE 219	Stage Management	3
General Education Courses or Elective Courses		12
	Semester Credit Hours	**15**
Spring Semester		
THE 111	Theatre Lab	0
THE 493	Contemporary Theatre Ensemble	3
Contemporary Theatre Elective		3
General Education Courses		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
THE 498	Senior Capstone	3
or THE 491	or Internship in Theater	
Elective Courses		12
	Semester Credit Hours	**15**
Spring Semester		
Elective Courses		12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

Theatre Courses (p. 548)
Musical Theatre Courses (p. 552)

Theatre (THE) Course List

THE 103 The Authentic Instrument I: Introduction to Performance Skills 3 Credits
Through Alexander Technique and other methodologies, actors gain awareness of personal habits and begin to find their authentic, truth-telling voice and body—a dynamic and expressive instrument to serve them in any medium.

THE 104 The Authentic Instrument II: Developing the Imaginative Performer 3 Credits
Continuing from THE 103, actors explore psycho-physical techniques (e.g. Michael Chekhov, Viewpoints, Laban) to develop the actor's imagination. The class culminates in a public presentation using the tools that have been cultivated in Authentic Instrument I & II. **Prerequisite**(s): THE 103.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

THE 110 Acting II: Scene Study 3 Credits
Basic acting techniques. Emphasis on the ingredients of any action: what am I doing, where, why, who am I, what is my attitude toward partner?
Prerequisite(s): THE 107.

THE 111 Theatre Lab 0 Credits
This class serves as a forum for students to cultivate practical professional skills. Through seminars, guest speakers and master classes, this lab will give the students necessary tools to enter the professional theater. Theater majors must meet the weekly attendance and participation requirements during every semester up to a total of six.

THE 115 Stagecraft 3 Credits
The theory and practice of construction and rigging of stage scenery is offered. Emphasis is on actual productions and road show set-ups. One lecture and two labs per week.

THE 116 Stagecraft Practicum 1 Credits
Work in the various shops and stages specializing in different areas such as carpentry, scenic painting, lighting and electrics, costumes and props, assisting main stage productions under the supervision of the design or technical staff.
Prerequisite(s): THE 115.

THE 118 Visual Imagination 3 Credits
Introduction to the visual world of theater design. Visual examples, physical exercises and handcraft of composition and style, with dramatic input and meaning. The course explores how to translate ideas in a dramatic text into a visual context.

THE 120 Theater Appreciation 3 Credits
By exploration of dramatic literature, conclusions are drawn as to man's relationship to his particular period, style, political, social, and psychological environment. Appreciation of the theatrical event is included. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 127 Theatre Production 1 Credits
Students rehearse and perform roles in a play produced by the department and directed by a member of its faculty.

THE 190 Production I 1 Credits
Students carry out a technical theatre crew position for one or more theatre, musical theatre or dance productions during the semester of course registration. May be repeated seven times, for a total of eight credits.

THE 199 The Arts in Contemporary Civil 3 Credits
An integrated study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama.

THE 201 Devised Theatre 3 Credits
Devised theatre is a process in which a whole creative team – from actors to technicians - develop a new work collaboratively. Students will create an original production inspired by a theme, topic, poem, or circumstance using multimedia, interviews, and other methods and build them through collaborative workshops and rehearsals.

THE 206 American Theatre History 3 Credits
The history of the American theater from the colonial period to the present, emphasizing dramatic scripts and theatrical conventions. Examines important playwrights, theorists, and practitioners representative of each period of American history, emphasizing the 19th and 20th centuries.

THE 207 Contemporary Theatre 3 Credits
The course will engage in exploring the art of contemporary dramatic literature and theatre practices. The scripts studied will reflect the complexity and diversity of contemporary society in various places around the world. Through an examination of a diverse body of scripts, the student will gain a better understanding of the possibilities inherent in the dramatic form, as well as the potential for the form to impact thought and action in society.

THE 215 Introduction to Theatrical Lighting and Sound 3 Credits
This course will introduce students to basic lighting and sound principles and how those integrate into a theatrical performance. The main focus of the class will be analysis and application of lighting and sound equipment commonly used in live performance and how that equipment functions and is installed. The class will also touch on the design process, script analysis, and lighting color theory. These objectives will be achieved through in-depth lectures, class discussions, and hands-on demonstration sessions.

THE 216 Introduction to Scenic Construction 3 Credits
This course will expose students to reading construction drawings, construction techniques, generating material lists, problem-solving, and material and time management as related to scenic construction. A shop participation requirement will allow students to apply course objectives within a real-time production schedule and construction environment.

THE 219 Stage Management 3 Credits
Provide necessary tools to get started as a production stage manager (PSM), including management, leadership, communication and organzational skills. Providing guidelines to prepare production paperwork. Overview of the relationship between the PSM and other production personnel.
Prerequisite(s): THE 115.

THE 220 Movement for the Actor I 3 Credits
This course is an introduction to movement training methodologies, and emphasizes physical awareness and expressivity as it relates to development of character.
Prerequisite(s): THE 110, For Acting majors or by permission of the instructor.

THE 221 Voice for the Actor 1 3 Credits
Focuses on the exploration of the basic principles of vocal production and cultivating the natural expressivity of the voice. Classwork is based upon the classic progression of voice exercises of Kristin Linklater.
Prerequisite(s): THE 107 with a minimum grade of C; restricted to BFA in Acting for Film, Television and Theatre.

THE 222 Voice for the Actor 2 3 Credits
Focuses on the exploration of the International Phonetic Alphabet (IPA) and the use of the IPA in learning dialects (including Standard Neutral American) for the stage.
Prerequisite(s): THE 221.

THE 224 Stage Make Up 3 Credits
Basic application of make up artistry and techniques for the stage. How it can help build a character, and how to apply to self and others.

THE 226 Drafting for the Stage 3 Credits
Covers essential drafting language for staged productions. Drafting of ground plans, sections, elevations, and renderings by hand and with computers.
Prerequisite(s): THE 118.

THE 227 Properties and Scenic Painting 3 Credits
Covers general aspects of scenic painting and props for the stage. Hands on exercises, needs and challenges of each area, how work is usually accomplished in the professional world. Explore different textures, materials and how to combine them.
Prerequisite(s): THE 115 or THE 118.

THE 228 Projection Design 3 Credits
In this course students will learn the basics of video editing software and its application to the performing arts. It will provide them with a general understanding of the needs for projection design, visual possibilities, explore the reasons to use video or projection in a production and its most effective applications within theatrical production limitations.
Prerequisite(s): THE 115, THE 118.

THE 229 Movement for the Actor II 3 Credits
This course is a continuation of study in movement training methodologies (Alexander Technique, Viewpoints, Laban). It will emphasize developing physical awareness and expressiveness as it relates to the development of character work. It will also continue the further cultivation of awareness of habitual psycho-physical patterns that inhibit students in their professional development.
Prerequisite(s): THE 220, THE 221.

THE 240 Script Analysis 3 Credits
This course provides students with a technique for analyzing a theatrical script in terms of its theatrical requirements and aesthetic qualities. Students will use critical research and develop the abilities to write and speak clearly about dramatic literature, the requirements of production, and the experience of performance.
Prerequisite(s): THE 107 with a minimum grade of C.

THE 250 Introduction to Costume Construction 3 Credits
This course will introduce students to basic costume construction methods and alteration skills used by professional costume shops and costume houses to create theatrical costumes. Students will complete several projects, covering hand and machine sewing, cutting, fabric identification, and will also learn how to use home and commercial patterns to cut out garments and simple patterning and draping techniques. Students will also get practical experience by assisting the costume designer and/or shop manager in supporting the needs of the current productions and will have experience taking measurements, fitting and the alteration of actual costumes.

THE 260 History of Style and Decor 3 Credits
This class is a survey of elements, furnishings, decorative motifs and trends in architecture, decor and fashion, starting with prehistory and moving through the early part of the 21st century. It is intended to be a visual survey of the major “periods” of both decor and fashion and is intended to help theatre artists to develop an understanding of visual history.

THE 290 Production II 1 Credits
Students carry out an intermediate level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. Intermediate level technical theatre positions are supervisory positions or assistants to department heads which include, but not limited to, assistant to a designer, Stage Manager, Wardrobe Supervisor, and Master Carpenter.
Prerequisite(s): SO standing; 3 credits of THE 190.

THE 300 Acting for the Camera 3 Credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera.
Prerequisite(s): THE 107.

THE 308 Modern Drama 3 Credits
Surveys American and European drama from 1920 to 1970. All plays are read in English translation. In these plays, theatrical artists address the great themes of this century. While doing so, they also expand the limits of theatrical expression.

THE 310 Acting III 3 Credits
Students will study in-depth techniques for exploring characterization. They will be introduced to the “magic if” and study techniques for placing themselves in the circumstances of the characters they are portraying. They will learn the interior and exterior analysis of characters using “Adler” and “Practical Aesthetics” techniques.
Prerequisite(s): THE 107, THE 110.

THE 311 Acting IV 3 Credits
Students will learn and practice performance techniques that explore a variety of theatrical styles, primarily focused on styles that have a heightened form and/or language.
Prerequisite(s): THE 310.

THE 312 The Arts Abroad 1-3 Credits
A short-term trip abroad that includes a critical study of local & regional arts and culture. Students are required to attend all performances, guided tours, and classes before and after the trip. A travel fee is required. Travel sites and artistic disciplines may vary year to year. May be taken more than once for credit.
Prerequisite(s): Permission of instructor.

THE 313 Voice for the Actor 3 3 Credits
Actors continue their study of vocal progression with Kristen Linklater and the speech work of Patsy Rodenberg, Edith Skinner and Louis Colaianni to develop physical freedom, energy, and expressivity. Advanced diagnostic work of students' voice and speech habits are explored in relationship to work with contemporary, heightened, and stylized texts.
Prerequisite(s): THE 222.

THE 314 Advanced Voice and Speech for the Actor II 3 Credits
Continuing from THE 313, actors apply advanced principles of vocal production and speech work to contemporary, heightened and stylized texts.
Prerequisite(s): THE 313.

THE 315 Acting for the Camera 2 3 Credits
This course is a continuation of the study of acting for the camera.
Prerequisite(s): THE 300.

THE 317 Scenic Design 3 Credits
The study and application of design principles as related to the stage. Incorporates the design process, decor research, styles, materials, and construction technology.
Prerequisite(s): THE 118.

THE 318 Stage Lighting Design 3 Credits
The theory and practice of stage lighting as utilized in concept, dance, and theatre. Considers the nature of light, controlling light, color theory, electricity, electrical safety, and lighting design.
Prerequisite(s): THE 115 or THE 118.

THE 319 Costume Design 3 Credits
Introduction to tasks, skills and expertise of costume design and costuming techniques, relationship with other creative production and cast members. Students will create sketches and develop basic construction plans. Develop familiarity with fabrics, patterns, common challenges in costume design.
Prerequisite(s): THE 115 (for other Theatre majors) or THE 118 (for Design and Technology majors).

THE 325 Sound Design 3 Credits
Introduction to sound design and its diverse use and practice for the staged productions, e.g. plays, musicals, operas and dance.
Prerequisite(s): THE 115.

THE 329 Movement for the Actor III 3 Credits
This course is a continuation of study in movement training methodologies focusing on continued development of expressivity, ease, dynamics and authenticity in character development.
Prerequisite(s): THE 229.

THE 390 Production III 1 Credits
Students carry out an advanced level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. These positions include, but are not limited to, Designer, Production Stage Manager, Props Master, and Technical Director. This course may be taken up to three times for credit.
Prerequisite(s): JR or SR standing; 2 credits of THE 290 and related management/design course or permission of Instructor.

THE 400 Directing for the Stage I 3 Credits
The technique of play directing and production management. Lectures present aesthetic and theoretical concepts that are explored in workshops.
Prerequisite(s): THE 107, THE 115.

THE 401 Directing for the Stage II 3 Credits
This course is designed to provide students with an opportunity to practice and discuss the art of directing, building upon the fundamentals of directing studied in THE 400: Directing I. Further exploration of directing challenges and application of artistic vision is accomplished through the direction of scenes and short scripts.
Prerequisite(s): THE 400.

THE 410 Advanced Performance Workshop 3 Credits
An opportunity to work an entire semester on a specific style or period of theatre, e.g., Shakespeare, farce, Readers' Theater.
Prerequisite(s): THE 107, THE 110.

THE 411 Advanced Performance Online Workshop 3 Credits
An opportunity to work an entire term on a specific style or period of theatre that is most conducive to online instruction.
Prerequisite(s): THE 107, THE 110.

THE 450 NY Experience: Professional Audition Technique and the Business of Acting 3 Credits
Students engage weekly with New York professionals to learn the business of acting and strategies for successful auditions in the NY Film, Television and Theatre industry. Students will participate in mock auditions with casting directors and theatre and on camera directors to refine audition skills. Travel costs to New York are the responsibility of the student.

THE 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credits. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

THE 491 Internship in Theater 1-12 Credits
Provides junior or senior theatre majors the practical experience of working within a professional theater environment. Students must be sponsored by a theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

THE 493 Contemporary Theatre Ensemble 3 Credits
Contemporary Theatre Practice Majors will spend this seminar- style class exploring the myriad of positions that enable them to become true "theatre-makers" in the contemporary field, and will participate in at least one campus production.
Prerequisite(s): THE 190.

THE 495 Selected Topics in Theatre History 3 Credits
Intensive study of a particular topic in the theatre world not typically covered in other courses.

THE 496 Senior Internship 6-12 Credits

THE 497 Theatre Senior Showcase 1 Credits
This course is a senior level experience for BFA acting students, and acts as a bridge between life in the university and life as a professional actor. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent.

THE 498 Senior Capstone 3 Credits
The senior capstone is intended for technical theatre students in their final year. Depending on the required abilities, students will be able to design sets, lights, costumes, props or sound for a mainstage show at Rider University, do research on topics related to technical Theatre, internships outside Rider University or work on projects that will improve the use of facilities, storage or equipment for Theater and Dance Department.

THE 499 Senior Honors Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Musical Theatre (MTR) Course List

MTR 105 Musical Theatre Practicum 1 Credits
This course explores the literature of musical theatre vocal ensembles. It emphasizes examining a wide range of styles. This is a studio/academic class, not a performance ensemble.

MTR 109 Beginning Ballet I 1 Credits
This course introduces the basic elements of ballet technique. Technique is based on the five positions of the legs and feet, coupled with appropriate arm positions. The class consists of a basic ballet barre warm-up that includes stretching and developing strength and turn-out used in dance positions and combinations. Instruction includes jumping, turning, and connecting steps with movement. Ballet terminology is addressed.

MTR 111 Musical Theatre Lab 0 Credits

MTR 112 Advanced Ballet I 1 Credits
Continuation of MTR 109, building upon techniques learned in that course.

MTR 113 Beginning Ballet II 1 Credits
Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 114 Advanced Ballet II 1 Credits
Continuation of MTR 113. Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 120 Hist of American Music Theater 3 Credits
The history of the American Musical from the first American production in 1750 of Gay's The Beggar's Opera up to the present will be traced. Emphasis will be placed upon those common elements which are solely intrinsic to the American stage. Developments and imported ideas (e.g., The British Invasion) will be highlighted.

MTR 131 Music Theory for MT 3 Credits
Teaches students to understand musical form, structure, melody, rhythm and harmony by applying these concepts to musical theatre literature. Includes full analysis of musical theatre songs. Required in the first year.

MTR 132 Group Piano 1 Credits
Offers the musical theatre student appropriate keyboard technique to play any vocal part and to play a rudimentary accompaniment. Required of all second-year students.
Prerequisite(s): MTR 131.

MTR 133 Sight Singing for MT 3 Credits
Intensive class in reading music, designed for musical theatre students. Traditional solfeggio techniques used with musical theatre texts whenever possible. Required of first-year students.
Prerequisite(s): MTR 131.

MTR 209 Tap Dance I 1 Credits
Introduction to the basic elements of tap dancing. Tap technique is geared to enhance rhythm and motor skills, basic elements that will be used to connect several steps and movements into combinations. Other variations such as "soft shoe" or "clogging" are included.

MTR 210 Tap Dance II 1 Credits
Continuation of MTR 209. Combinations most often used in music theater productions are emphasized.
Prerequisite(s): MTR 209.

MTR 211 Ballet III 1 Credits
Intermediate ballet, expending upon Ballet II and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 114.

MTR 212 Ballet IV 1 Credits
Continuation of MTR 211. Intermediate ballet, expanding upon Ballet III and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 211.

MTR 215 MT Performance: Song as Text 3 Credits
In this course the student will learn how to develop a performance of musical text by making doable, actable choices and applying those choices to musical monologues – solo songs.
Prerequisite(s): THE 110.

MTR 216 Acting for Music Theater I 3 Credits
This professional skills course, intended for music theater majors, builds upon the student's previous acting training. Through various exercises and activities (both individual and group), the student will begin to develop a clear method for preparation that addresses first their own instrument, and then (through various methods of analysis) the character and the play. Students will begin to utilize and apply the studied techniques and exercises to simple monologues and a scene. Behavioral truth will precede the more sophisticated studies of emotional truth.

MTR 217 Acting for Music Theater Major II 3 Credits
Continuation of MTR 216. Methods for preparation are expanded as students learn and experience techniques for exploring and developing characters. This semester will focus on the application of the skills and acting techniques studied in the first semester to the needs of dramatic and sung material. Students are expected to synthesize content and skills acquired in the Speech for the Actor, Body Awareness and Movement classes.
Prerequisite(s): MTR 216.

MTR 218 Musical Theatre Scene Study I 3 Credits
Scene study class exploring the literature of the musical theatre – emphasis placed on two- and three-character scenes. Required of all second-year students.
Prerequisite(s): MTR 215.

MTR 219 Musical Theatre Scene Study II 3 Credits
Further exploration of scenes in the musical theatre literature – emphasis on more complex scenes. Required of all third-year students.
Prerequisite(s): MTR 218.

MTR 251 Styles and Genres I 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Standard, Classical, and Traditional periods of musical theater. Composers to be studied will include Rodgers and Hammerstein, Lerner and Loewe, Kern, Berlin, Gershwin, Porter, Arlen, Blitstein and Weill.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 252 Styles and Genres II 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary (Non-Pop/Rock) period of music theater. Composers to be studied will include Sondheim, Styne, Kander and Ebb, Guettel, Matby and Shire, and Bernstein.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 253 Styles and Genres III 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary, Pop/Rock period of music theater. Composers to be studied will include Webber, Schwartz, Fenn, Flaherty, Menkin, Brown, LaChiusa, and Lippa.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 255 Musical Theatre Repertoire I 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers through the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106 with a minimum grade of D and THE 311 with a minimum grade of D.

MTR 256 Musical Theater Repertoire II 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers since the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106, THE 107.

MTR 307 Tap III 1 Credits
This course is designed for the moderately advanced tap dancer. Course to be taken in the fall.
Prerequisite(s): MTR 210.

MTR 308 Tap IV 1 Credits
The course will allow the more advanced student to complete the work begun in Tap III.
Prerequisite(s): MTR 307.

MTR 309 Beginning Jazz Dance I 1 Credits
Based upon the ballet foundation, this course explores the expressive style of jazz dance, and basic Western theatrical dance forms and social dances used most often on the stage.
Prerequisite(s): MTR 109.

MTR 313 Ballet V 1 Credits
Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 212.

MTR 314 Ballet VI 1 Credits
Continuation of MTR 313. Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 313.

MTR 315 Advanced Jazz Dance I 1 Credits
Continuation of work begun in MTR 309.

MTR 316 Beginning Jazz Dance II 1 Credits
This course continues the work begun in MTR 309 and MTR 315.

MTR 317 MT Auditions:Preparation/Tech 3 Credits
This course, building upon skill-sets established in the Music Theatre singer-actor curriculum, will introduce and hone the required skill-sets for preparing to audition in Music Theatre. Genres and styles of music most often required for auditioning in the industry will be prepared and explored. An audition "book," based upon the demands of the industry, as well as the most suitable material for each student will be built. When appropriate, guests from the industry will be invited to present master classes and evaluations in a "mock audition" process.
Prerequisite(s): MTR 207, MTR 216, MTR 217, MTR 492.

MTR 318 Advanced Jazz Dance II 1 Credits
This course continues the work begun in MTR 309, MTR 315 and MTR 316.
Prerequisite(s): MTR 211.

MTR 319 Jazz Dance III 1 Credits
This course continues the work begun in MTR 318.
Prerequisite(s): MTR 318 and MTR 212.

MTR 320 Jazz Dance IV 1 Credits
This course continues the work begun in MTR 319.
Prerequisite(s): MTR 319 and MTR 212.

MTR 335 Speech for the Actor 3 Credits
This course introduces and develops speech techniques, specifically in the areas of relaxation, posture and alignment, respiration, phonation, support, registration, resonance, and articulation. Students learn to consistently produce a free, resonant, fully supported speaking voice. Exercises will increase flexibility and range of speaking and will foster heightened responsiveness to feeling. Regular practice in the delivery of both impromptu and prepared monologues is required. This course includes studies in Neutral American Speech.

MTR 402 Directing Music Theater/Opera 3 Credits
This elective course investigates how conceptual ideas and the process of script analysis are used in putting together a music theatre production for performance. Instruction includes staging ideas and elements needed for a complete production. Other theatrical aspects of choreography, properties, costumes, lighting, and set design are addressed. It is recommended that students complete MTR 496 before taking MTR 402.

MTR 411 Musical Theatre Ensemble 1 Credits

MTR 415 Musical Theatre Dance I 1 Credits
This is the first capstone course in the Musical Theatre dance sequence. Practical and historical study of Broadway dance styles; main focus on jazz idiom. Emphasis placed on performance quality, auditioning skills, self-taping, and "how to swing/dance captain".
Prerequisite(s): Completion of Ballet, Tap, and Jazz requirements; senior standing.

MTR 416 Musical Theatre Dance II 1 Credits
This is the second capstone course in the Musical Theatre dance sequence. Emphasis is placed on other dance styles used on stage, film, music videos, and television. Primary focus is on Hip Hop and Street Jazz.
Prerequisite(s): MTR 415 with a minimum grade of C.

MTR 480 Dance for Performing Artist 3 Credits
This course is a culmination of the dance elements and forms studied in ballet, tap, and jazz dance. Context areas include movement used most often in performance of music theater and movement fundamentals applicable to all aspects of presentation and principle to refine and articulate the performer's awareness and use of the body through singing and dance. Performance issues and movement as a basis for music and sound production are addressed.
Prerequisite(s): MTR 209, MTR 309.

MTR 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

MTR 491 Internship in Music Theater 1-12 Credits
Provides junior or senior musical theatre majors with the opportunity to gain practical experience working within a professional environment. Students must be sponsored by a musical theatre or theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

MTR 492 Singing Actor: Music Theater 3 Credits
This semester combines all dramatic and musical studies to create an authentic and believable character that is both emotionally truthful and musically expressive. Music is studied as "script" and dramatic choices are prepared in relationship to all elements present in the score.
Prerequisite(s): MTR 216 and MTR 217.

MTR 493 Music Theater Production 1 Credits
Preparation and performance of a solo or ensemble role in a fully staged music theatre production. Concurrent participation in stage crew activities is required.

MTR 495 Special Topics in Theater Dance 1 Credits
This class covers discrete movement styles, techniques, or forms for the advanced dancer such as the choreography and techniques of Bob Fosse, Jerome Robbins, Jack Cole, and other theatrical dance choreographers.
Prerequisite(s): MTR 319, MTR 212, and MTR 308.

MTR 496 Music Theater Workshop 3 Credits
This class, building upon the foundational studies associated with preparation and exploration (both dramatic and musical), focuses on performances. Students are taught methods for synthesizing all former training in acting, music, and movement to the needs of the character and the play/score. Each student fully prepares at least two complete roles from the music theater repertoire. The class culminates in a performance of scenes--the Junior Cabaret!
Prerequisite(s): MTR 216, MTR 217, MTR 492.

MTR 497 Musical Theatre Senior Showcase 1 Credits
This course is a senior level capstone experience for BFA Musical Theatre students, and acts as a bridge between life in the university and life as a professional musical theatre performer. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent. Only students who have successfully completed ALL prerequisite coursework may participate in the Senior Showcase. BA Theatre students with Musical Theatre Concentration may participate only if the prerequisites are met.
Prerequisite(s): MTR 415, MTR 207, MTR 216, MTR 217, MTR 492.

MTR 511 Music Theater Ensemble 1 Credits
The performance-based, auditioned music theater ensemble engages multiple singers/actors/dancers in performance, utilizing scenes from music theater literature as the primary material. Emphasis is placed upon group interaction and building an ensemble. This ensemble often is asked to perform for University sponsored events.

Voice Performance

Overview

The voice performance program seeks to develop the musician by establishing a sound vocal technique and a thorough understanding of the singing voice, its literature and pedagogy. These tools are essential for the study and performance of vocal and choral literature and for training students as solo performers, professional teachers or choral conductors.

Students will build and demonstrate a healthy vocal technique, become acquainted with voice literature, and develop an understanding of the complex relationships between music and poetry. They will also learn how to sing with correct diction in English, Italian, French and German, as well as to understand both the general meaning and specific nuances of their sung texts.

As they progress in the program, students will integrate musicianship skills and use their increasing understanding of musical structure and form to communicate musically, with stylistic and textual understanding. Students will also build vocal and performance skills that equip them for the demands of solo and ensemble singing.

Policy

Performance majors must earn a minimum grade of "B-" each semester in the primary applied music field in order to make satisfactory progress. If a grade of "C+" or lower is earned, the student must repeat the semester. All other students must earn a minimum grade of "C-" each semester in the primary applied music field. If a grade of "D" or lower is earned, a student must repeat the semester.

Curriculum Overview

Every undergraduate must satisfy departmental requirements for graduation. Juries and other tests are conducted periodically for the purpose of evaluating progress; details may be obtained from the Voice Department.

Instruction for voice performance majors entails private lessons, recitals, diction, voice literature, performance/opera classes and voice pedagogy. Weekly studio and performance classes offer regular performing opportunities. Two fully-staged operas, one with orchestra, are presented each year, along with an additional undergraduate-only opera offering. Private vocal coaching is available for upperclassmen and graduate students.

The curriculum has been revised for the class entering in the fall of 2023. Current students may continue to follow their original curriculum, or adopt the new curriculum.

Degree Offered

- B.M. in Voice Performance

Contact

Margaret Cusack, M.M.T.
Professor and Chairperson
Department of Performance Studies
Westminster Choir College
Omega House, #101
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Program Website: Voice Performance (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/westminster-choir-college/undergraduate/voice-performance/)

Associated Department: Department of Performance Studies

Related programs

- Music Education (p. 413)
- Musical Theater (p. 424)

Faculty

Margaret Cusack (chairperson) • Professor, Voice, and Chair of Performance Studies, 1994. B.M., M.M.T., Oberlin College.
Christopher Arneson • Professor, Voice, 2003. B.A., M.M., Binghamton University; D.M.A., Rutgers University.
Susan S. Ashbaker • Associate Professor, Voice, 2006. B.M., M.M., Southern Illinois University; M.M., University of Illinois.
Victoria Browers • Adjunct Assistant Professor, Voice, 2017. B.M., Ohio Wesleyan University, M.M. Westminster Choir College of Rider University; D.M.A. State University of New York at Stony Brook.
Faith Esham • Adjunct Assistant Professor, Voice, 2000. B.A., Columbia Union College; B.M., M.M., The Juilliard School.
Nancy Froysland Hoerl • Adjunct Assistant Professor, Voice, 1995. B.A., Moorhead State University; M.M., Westminster Choir College.
Akiko Hosaki • Adjunct Assistant Professor, Piano, 2005. B.M., Musashino Academia Musicae; M.M., Westminster Choir College of Rider University; D.M.A., University of Minnesota.
Bryan Hymel • Visiting Artist, Voice, 2022. B.M. Loyola University; M.V.P. Westminster Choir College of Rider University.
Katherine Johnson • Adjunct Assistant Professor, Voice, 2006. B.M., University of Calgary; M.M., Manhattan School of Music.
Robin Massie • Adjunct Assistant Professor, Voice, 2008. B.M., Westminster Choir College of Rider University; M.M., Yale University.
Martin Néron • Adjunct Assistant Professor, Voice, 2020. B.M., Université de Montrèal; M.M. Westminster Choir College of Rider University; D.M.A., Manhattan School of Music.
Kathy Kessler Price • Professor, Voice, 2012. B.A., University of Richmond; M.M., University of Maryland; Ph.D., University of Kansas, Lawrence.
Debra Scurto-Davis • Adjunct Assistant Professor, Voice, 2004. B.M.E., Evangel College; M.M., Baylor University; S.M., University of Michigan.
Elizabeth Sutton • Adjunct Assistant Professor, Voice, 2005. B.A., Bowling Green State University; M.M., College-Conservatory of Music, University of Cincinnati.
Sally Wolf • Adjunct Assistant Professor, Voice, 2001. B.M., Kent State University; Artist Diploma, Curtis Institute of Music.
Amy Zorn • Adjunct Assistant Professor, Voice, 1996. B.M., University of Wisconsin, Madison; M.M., Boston University.

Voice Performance Program Requirements

(124-125 credits)

Voice Performance Requirements (p. 555) **(112-113 credits)**
CAS General Education Curriculum (p. 557) **(12 credits)**

Voice Performance Requirements		
Code	**Title**	**Credits**
Complete the following courses:		
Choirs and Conducting		
CR 109	Chapel Choir (2 terms)	2
CR 209	Schola Cantorum (2 terms)	2
CR 509	Symphonic Choir (4 terms)	4
CR 215	Fundamentals of Conducting	3
Applied Music and Diction		
VC 168A	Applied Voice (8 terms) [1]	16
Piano secondary (4 terms)		
PI 103	Piano Secondary I	1
PI 104	Piano Secondary II	1
PI 203	Piano Secondary III	1
PI 205	Piano Secondary VCPER	1

Diction		**8**
VC 114	Introduction to Lyric Diction	
VC 118	Italian Diction	
VC 119	French Diction	
VC 120	German Diction	
Theory and Music History		
TH 141 & TH 142 & TH 241	Musicianship I and Musicianship II and Musicianship III	12
TH 342	Contemporary Trends	3
MH 247 & MH 248	Music Historiography I and Music Historiography II	6
MH 345	Music Since 1900	3
Theory level I elective [3]		**3**
Select one of the following:		
TH 237	Composition Class	
TH 251	Analytical Studies I	
TH 253	Orchestration	
TH 255	Song Writing	
TH 259	Electroacoustic Music	
Theory level II elective [3]		**3**
Select one of the following:		
TH 424	Choral and Instrumental Arranging	
TH 431	Form and Analysis	
TH 432	Contrapuntal Techniques	
TH 433	Special Topics in Theory [2]	
TH 452	Analytical Studies II	
TH 550	Keyboard Harmony	
Music History Elective		**3**
MH 433	Seminar in Music History	3
Professional Studies		
VC 191	Movement for the Performer	2
VC 291	The Singing Actor	2
VC 305	Singing in Italian and French	2
or VC 306	Singing in German and English	
VC 408	Voice Science	3
VC 433 & VC 434	Song Literature I and Song Literature II	4
VC 591	Performing in Lyric Theater	2
Foreign Language Proficiency: [4]		
Select one of the following options:		18
Option 1:		
ITA 100 & ITA 101 & FRE 100 & FRE 101 & GER 100 & GER 101	Italian I and Italian II and French I and French II and German I and German II	
Or Option 2:		
ITA 100 & ITA 101 & FRE 100 & FRE 101 & FRE 200 & FRE 201	Italian I and Italian II and French I and French II and French III and French IV	
OR Option 3:		
ITA 100 & ITA 101 & GER 100 & GER 101 & GER 200 & GER 201	Italian I and Italian II and German I and German II and German III and German IV	
OR Option 4:		
Select from:		
ITA 100 & ITA 101 & ITA 200 & ITA 201	Italian I and Italian II and Italian III and Italian IV	
AND		
FRE 100 & FRE 101	French I and French II	
OR		
GER 100 & GER 101	German I and German II	
Select one of the following:		**1-2**
VC 592	Opera Workshop	
VC 593R	Opera Theater (Role)	
VC 593T	Opera Theater (Tech)	
VC 593E	Opera Theater (Ensemble)	
Recitals [5]		
VC 001R	Student Recital	
VC 002R	Student Recital	
Free electives		6
Total Credits		**115-116**

Notes

1

Attendance at weekly studio classes is required during all semesters of applied study.

2

MH 433 can be repeated for credit as long as the topics are different.

3

Level 2 theory classes can be taken as a level 1 theory. Level 1 classes cannot be used for level 2.

4

Students must complete six semesters of foreign language study. Students must complete Italian I and II. They must complete additional semesters of either French or German. Semesters five and six may be of a third language (French or German) or additional semesters of Italian, French or German. If students are exempted from one or more semesters of foreign language study, they must replace the missing course credits with other Arts and Sciences electives.

5

A half recital VC 001R must be presented in the junior year. A full recital VC 002R must be presented in the senior year.

CAS General Education Curriculum

Code	Title	Credits
I. ESSENTIAL COMPETENCIES:		
Reading and Writing		**6**
CMP 120	Seminar in Writing and Rhetoric	
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	
or BHP 150	Honors Seminar: Great Ideas II	
Select one of the following:		**3**
Philosophical Perspectives		
BHP 222	Honors Seminar: Existentialism in Literature	
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity	
BHP 360	Moral Psychology	
PHL 100	Plato and Aristotle	
PHL 102	Philosophical Thinking	
PHL 110	Logic and Language	
PHL 115	Ethics	
PHL 120	American Philosophy	
PHL 125	Philosophies of Education	
PHL 130	Political Philosophy	
PHL 202	Social Philosophy	
PHL 207	Asian Philosophy	
PHL 210	Symbolic Logic	
PHL 215	Environmental Ethics	
PHL 225	Modern Philosophy	
PHL 230	Philosophy of the Sexes	
PHL 304	Medical Ethics	
PHL 310	Problems in 20th-Century Philosophy	
PHL 320	Philosophy of Science	
PHL 334	Theories of Knowledge	
PHL 336	Philosophy of Mind	
PHL 343	Theories of Reality	
PHL 348	Indian Philosophy	
PHL 358	Chinese Philosophy	
PHL 360	Contemporary Ethics	
PHL 368	Japanese Philosophy	
OR		
Aesthetic Perspective: Literature		
AMS 210	American Memoir and Autobiography	
AMS 306	Poetry and Poetics in American Culture	
AMS 308	Kurt Vonnegut's America	
BHP 201	Age of Shakespeare: A Study in Cultural History	
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy	
BHP 205	Under the Influence: Drugs, Deviance, and Culture	
BHP 206	Honors Seminar:Politics/Literacy	
BHP 222	Honors Seminar: Existentialism in Literature	
BHP 227	Race, Gender, and Sexuality in the Age of Empire	
BHP 290	Shakespeare: Page, Stage & Screen	
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology	
BHP 315	Honors Seminar: 20th Century European Ideologies	
CHI 307	Images of Women in Chinese Literature and Film	
ENG 205	Understanding Literature	
ENG 208	Arthurian Legends in Literature	
ENG 210	Major American Authors	
ENG 211	Major British Authors	
ENG 213	Literature and Mythology	
ENG 214	Monsters in Literature	
ENG 215	Satire and Comedy	
ENG 217	Introduction To Shakespeare	
ENG 218	Literature and the Environment	
ENG 219	Literature and Violence	
ENG 220	Literature & Society	
ENG 221	Literature and Psychology	
ENG 222	Crime and Literature	
ENG 224	Science Fiction	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
ENG 230	Women In Literature	
ENG 270	Major Poets	
ENG 290	The Short Story	
ENG 295	Human Relationships in Literature (HONORS)	
ENG 337	Global Literature	
FRE 305	An Introduction to French Literature	
FRE 422	Cultural Expression in French Film and Television	
FRE 425	Portrait of the Hero in French Fiction	
FRE 430	Mask & Reality in French Theater	
FRE 435	Self in French Prose & Poetry	
FRE 440	A Quest for Identity: Francophone Literature and Culture	
GSS 320	Sex, Gender, and Fairy Tales	
LIT 250	Masterworks of Western Literature I	
LIT 251	Masterworks of Western Literature II	
SPA 320	Introduction to Spanish Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 416	The Spanish Golden Age	
SPA 420	From Colonies to Nations	
SPA 426	Latin American/Latino Film and Fiction	
Historical Perspectives:		**3**
HIS 150	World History to 1500	
or HIS 151	World History Since 1500	
Total Credits		**12**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are

in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CR 109	Chapel Choir	1
VC 168A	Applied Voice	2
PI 103	Piano Secondary I	1
VC 114	Introduction to Lyric Diction	2
TH 141	Musicianship I	4
ITA 100	Italian I	3
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**16**
Spring Semester		
CR 109	Chapel Choir	1
VC 168A	Applied Voice	2
PI 104	Piano Secondary II	1
VC 118	Italian Diction	2
TH 142	Musicianship II	4
ITA 101	Italian II	3
VC 191	Movement for the Performer	2
Literature or Philosophy elective		3
	Semester Credit Hours	**18**
Year 2		
Fall Semester		
CR 209	Schola Cantorum	1
VC 168A	Applied Voice	2
PI 203	Piano Secondary III	1
TH 241	Musicianship III	4
FRE 100 or GER 100	French I or German I	3
MH 247	Music Historiography I	3
VC 291	The Singing Actor	2
	Semester Credit Hours	**16**
Spring Semester		
CR 209	Schola Cantorum	1
VC 168A	Applied Voice	2
PI 205	Piano Secondary VCPER	1
VC 119 or VC 120	French Diction or German Diction	2
MH 248	Music Historiography II	3
FRE 101 or GER 101	French II or German II	3
Theory Level I elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
CR 509	Symphonic Choir	1
VC 168A	Applied Voice	2
CR 215	Fundamentals of Conducting	3
MH 345	Music Since 1900	3
VC 591	Performing in Lyric Theater	2
GER 100 or FRE 100	German I or French I	3
Theory Level II elective		3
	Semester Credit Hours	**17**
Spring Semester		
CR 509	Symphonic Choir	1
VC 168A	Applied Voice	2
MH 433	Seminar in Music History	3
VC 408	Voice Science	3
VC 119 or VC 120	French Diction or German Diction	2
GER 101 or FRE 101	German II or French II	3
TH 342	Contemporary Trends	3
Junior Recital		
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
CR 509	Symphonic Choir	1
VC 168A	Applied Voice	2
VC 433	Song Literature I	2
VC 305 or VC 306	Singing in Italian and French or Singing in German and English	2
CMP 125	Seminar in Writing and Research	3
Arts & Sciences elective		3
Free electives		3
	Semester Credit Hours	**16**
Spring Semester		
CR 509	Symphonic Choir	1
VC 168A	Applied Voice	2
VC 434	Song Literature II	2
History elective		3
Senior Recital		
Select one of the following:		**1-2**
VC 592 or VC 593E or VC 593R or VC 593T	Opera Workshop or Opera Theater (Ensemble) or Opera Theater (Role) or Opera Theater (Tech)	
	Semester Credit Hours	**9-10**
	Total Credit Hours for Graduation	**124-125**

Courses and Descriptions

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum. **Prerequisite**(s): CMP 120 or BHP 100.

CR 109 Chapel Choir 1 Credits
Comprised of undergraduate students in their first year of study, Chapel Choir focuses on music for men's, women's, and mixed chorus. The ensemble provides the fundamentals of artistic choral ensemble singing and a foundation for all Westminster choral ensembles. Placement hearing required.

CR 209 Schola Cantorum 1 Credits
Comprised of undergraduate students in their second year of study, Schola Cantorum focuses on music for mixed chorus and continues to build and refine the skills developed in Chapel Choir. This ensemble presents campus, community, and regional performances. Placement hearing required.

CR 215 Fundamentals of Conducting 3 Credits
This course provides the foundation of conducting technique and philosophy as it relates to choral ensemble. Primarily, it deals with the development of basic pedagogical proficiencies, specifically alignment, Laban gestural vocabulary, breathing, beat patterns, consistent tempo, and the development of expressive gesture for relaying various styles of music, i.e., legato, staccato and marcato. Basic philosophical understandings concerning the human aspects of the music making process and the role the conductor plays in that process also are emphasized. Specific techniques for dealing with technical elements, e.g., fermata, dynamics, changes of tempo, contrasts in style, also are covered. The overall focus of the course is to establish the important relationship between ear, body, and the choral sound.
Prerequisite(s): TH 141.

CR 509 Symphonic Choir 1 Credits
A large mixed chorus comprised of students above the lower division, including graduate students from all disciplines. The ensemble regularly performs in the region and focuses on the major choral/orchestral repertoire along with a wide variety of repertoire for large mixed chorus. Placement hearing required.

FRE 100 French I 3 Credits
Conversational French is taught through basic vocabulary and grammar building. Students will enjoy an immersion-style method emphasizing real-life situations and vocabulary in authentic cultural context, through an interactive textbook, videos, on-line resources, and oral/aural skill building using the technology in the Foreign Language Media Center to enhance learning. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): Placement test if French has been studied elsewhere.

FRE 101 French II 3 Credits
Building on learning in French I, students will begin to converse using more complicated grammatical structures within immersion-style classroom interactions. While the focus is still on conversation and aural skill building, composition skills receive greater emphasis. Students will enjoy an interactive textbook, Internet usage, and authentic videos shot on location in France. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 100 or placement test.

FRE 200 French III 3 Credits
This course builds on linguistic skills previously acquired through an emphasis on conversation and oral comprehension, and through vocabulary building. Grammar study is continued at a more advanced level, and students begin to read short passages focusing mainly on francophone culture and civilization. Film clips, Internet resources, and other computer-aided learning tools are used to create a dynamic immersion-style learning experience. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 101 or placement test.

FRE 201 French IV 3 Credits
While continuing the emphasis on aural/oral production and grammar and vocabulary building, short passages of greater complexity taken from literary texts, newspapers, and magazines will become the focus of conversation/composition activities. Technological resources will continue to enhance the immersion-style learning experience consistent with a course in advanced French. Successful completion of this course, or its equivalent, serves as a prerequisite for French courses at the 300 and 400 level. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 200 or placement test.

ITA 100 Italian I 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the first part of the first year experience in Italian during which the development of communicative and cultural competencies are at the center of this experience. At the end of the course, successful students will be able to communicate short messages on highly predictable, everyday topics that affect them directly. They will also develop a sense of the cultural aspects of people who speak the target language. Cultural components include the importance or regions in the construction of Italian identity; differences in American and Italian school and university systems; the role of the family in Italian life. The course is conducted in Italian. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.

ITA 101 Italian II 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the second part of the first year experience in Italian during which the development of communicative and cultural competencies are at the center of this experience. At the end of the course, successful students will be able to handle successfully a variety of uncomplicated communicative tasks in straightforward social situations. They will also develop a sense of the cultural aspects of people who speak the target language. Cultural components include differences between American and Italian cuisines, sports, routines, and healthcare systems. The course is conducted in Italian.
Prerequisite(s): ITA 100 or LL 145 or Placement Test.

ITA 200 Italian III 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the third part of the four-semester sequence in Italian. At the end of ITA 200, successful students achieve proficiency in Italian at the intermediate level in oral expression, listening comprehension, reading of short texts, and writing. Students will be able to successfully navigate conversational and written Italian in cultural contexts related to course themes: personal relationships, Italian communities, hobbies and free time activities, the value of social and political ideas, the Italian family across the generations. The course is conducted in Italian. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.
Prerequisite(s): ITA 200 or LL 247 or placement test.

ITA 201 Italian IV 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the fourth and final part of the four-semester sequence in Italian. At the end of ITA 201, successful students achieve proficiency in Italian at the intermediate level in oral expression, listening comprehension, reading of short texts, and writing. Students will be able to successfully navigate conversational and written Italian in cultural contexts related to course themes: societal changes in Italian culture, science and technology, Italian contributions to the arts, media, and the culture of business in Italy. The course is conducted in Italian.
Prerequisite(s): ITA 200 with a minimum grade of D or LL 247 with a minimum grade of D. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.

MH 247 Music Historiography I 3 Credits
Historiography I begins by exploring similarities and differences between various music cultures around the world, and continues with an examination of selected genres of Western Art Music of the Medieval, Renaissance and Baroque periods. Basic information literacy skills, such as searching library catalogs, databases and reading academic articles also will be covered.
Prerequisite(s): CMP 125.

GER 100 German I 3 Credits
An introduction to German stressing the spoken language and the fundamentals of grammar. Students are required to work extensively with audio CDs. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): placement test if German has been studied elsewhere.

GER 101 German II 3 Credits
A continuation of German 100. Communication skills are broadened, fundamental grammar is studied in more depth, and basic vocabulary is expanded. Students are required to work extensively with audio files. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): GER 100 with a minimum grade of D or placement test.

GER 200 German III 3 Credits
Intensive review of German grammar and syntax with a systematic approach to oral expression and composition. Readings on contemporary German life and selections from modern literature. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): GER 101 or placement test.

GER 201 German IV 3 Credits
Continuation of grammar review and readings. Special emphasis on oral expression and composition of increasing sophistication, proceeding from concrete observations to theoretical and abstract discussion. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): GER 200 or placement test.

MH 248 Music Historiography II 3 Credits
Examines Western Art Music since 1750 and includes a research assignment that builds upon the information literacy skills gained in MH 247.
Prerequisite(s): MH 247.

MH 345 Music Since 1900 3 Credits
Examines controversies and aesthetic movements in 20th and 21st century music. Emphasis is placed upon critical reading and writing skills.
Prerequisite(s): MH 248.

TH 141 Musicianship I 4 Credits
This course assists students in learning and integrating aural, performance, analytical and composition skills involving diatonic melody and harmony. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade.
Prerequisite(s): TH 045 or passing a placement test.

TH 142 Musicianship II 4 Credits
A continuation of TH 141 involving chromatic melody and harmony with an introduction to binary and ternary form.
Prerequisite(s): minimum "C-" grade in TH 141.

TH 241 Musicianship III 4 Credits
A continuation of TH 142 with an introduction to larger musical forms and counterpoint.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 342 Contemporary Trends 3 Credits
An analytical study of the compositional techniques of the 20th and 21st centuries.
Prerequisite(s): TH 241.

VC 114 Introduction to Lyric Diction 2 Credits
Introduction to the International Phonetic Alphabet (IPA) and the sounds of all major sung languages through oral and written drill. Open to Voice Performance majors only.

VC 118 Italian Diction 2 Credits
Introduction to the rules for singing Italian through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 119 French Diction 2 Credits
Introduction to the rules for singing French through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 120 German Diction 2 Credits
Introduction to the rules for singing German through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 191 Movement for the Performer 2 Credits
Movement exercises and etudes help students develop proper alignment, physical freedom, unification of voice, breath, and body, and help them explore the body as an expressive instrument.

VC 291 The Singing Actor 2 Credits
The introduction to vocal performance entails coaching of selected songs, arias or repertoire from music theater and techniques for performance preparation through intensive research. A final written project involves a musical and dramatic analysis of all chosen repertoire.
Prerequisite(s): successful completion of Level I voice jury.

VC 168A Applied Voice 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

VC 305 Singing in Italian and French 2 Credits
Master class and private coaching in vocal performance of Italian and French language song, recitative and opera arias. The class will focus on pronunciation, inflection and nuances of sung Italian and French.
Prerequisite(s): Successful completion of Level I jury; VC 118, VC 119.

VC 306 Singing in German and English 2 Credits
Master class and private coaching in vocal performance of German and English language song, recitative and opera arias. The class will focus on pronunciation, inflection and nuances of sung German and English.
Prerequisite(s): Successful completion of Level I Jury; VC 120.

VC 408 Voice Science 3 Credits
Study of the physics and physiology of voice production. Musical and vocal acoustics are explored using the facilities of the Westminster Voice Laboratory. Anatomic and physiologic underpinnings of respiration, phonation, articulation, registration and hearing are explored in depth.

VC 433 Song Literature I 2 Credits
A survey of solo literature for voice and accompanying instrument including solo vocal music of the Baroque period and German lieder.
Prerequisite(s): MH 248.

VC 434 Song Literature II 2 Credits
A survey of solo literature for voice and accompanying instrument including French mélodie, songs by nationalist composers, English and American song.
Prerequisite(s): MH 248.

VC 591 Performing in Lyric Theater 2 Credits
Performing in Lyric Theater offers techniques for the preparation of lyric roles in a theatrical setting. It will develop elements of stagecraft, systematize a process for preparations and exploration, and introduce the working relationship with director and conductor.
Prerequisite(s): Undergraduates, VC 291 and the successful completion of Level II jury, or permission of the Chair.

VC 592 Opera Workshop 2 Credits
Introduction to opera performance. Acting exercises, character development, dramatic exploration and musical coaching culminating in a workshop-format presentation. It is recommended that VC 491 or 691 be taken before this course. This course may be repeated for credit.
Prerequisite(s): Undergraduates, successful completion of the level II voice test or permission of the chair.

VC 593E Opera Theater (Ensemble) 1 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 593R Opera Theater (Role) 2 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 593T Opera Theater (Tech) 1 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

Web Design

Program Overview

Designing and implementing web pages and interactive media, as well as learning the secrets of effective print design and production, are the focuses of Rider's Web Design minor. Students learn about design and visual communication theory while creating portfolios and web-based interactive resumes.

Curriculum Overview

Core classes in the minor include Web Design I and II, Digital Publication Design, and Advanced Publication Design and Production. Students also select three courses tailored to their interests.

The minor complements majors in Graphic Design, Game and Interactive Media Design, and Social Media Strategies.

Degree Offered

- Minor in Web Design

Contact

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Program website: Web Design (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/web-design-minor/)

Associated Department/College: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Graphic Design (p. 301)
- Game and Interactive Media Design (p. 280)
- Social Media Strategies (p. 512)
- Journalism (p. 346)
- Public Relations (p. 482)
- Radio and Podcasting (p. 493)
- Sports Media (p. 538)
- Communication Studies (p. 114)

Web Design Minor

(21 credits)

Code	Title	Credits
Complete the following courses:		
COM 212	Digital Publication Design	3
COM 261	Introduction to Web Design	3
COM 360	Advanced Publication Design and Presentation	3
COM 364	Web Design II	3
Select three of the following courses:		**9**
COM 131	Fundamentals of Video Production	
COM 201	Communication Theory	
COM 204	Advanced Speech Communication	
COM 205	Persuasion	
COM 234	Audio Production	
COM 253	Organizational Communication	
COM 262	Graphic Imaging for Digital Media	
COM 331	Television Production	
COM 361	Photography	
COM 363	Converging Digital Media	
COM 365	Graphic Animation	
CIS 185	Information Systems Essentials	
CIS 220	Application Development with JavaScript and Python	
CIS 340	Electronic Commerce	
Total Credits		**21**

Note: Communication and Journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department. (Exception: If a student elects the Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.)

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance — that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/ instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements. **Prerequisite**(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Undergraduate Colleges and Schools

Originally founded in 1865 as a business college to prepare professionals for the booming post-Civil War economy, in 1959 Rider moved from Trenton to its current 280-acre campus in Lawrenceville, New Jersey. Thirty-three years later, a merger took place between Rider University and Westminster Choir College in Princeton, NJ. Considered one of the leading schools of music of its kind in the world, the merger also led to the successful integration of the theatre and dance programs at Rider University, and the college in its entirety became the Westminster College of the Arts in 2007. Housing both the School of the Fine and Performing Arts and Westminster Choir College, WCA was formed to offer select music and theatre programs on both the Princeton and Lawrenceville campuses, providing a complement to our liberal arts, sciences, education and business programs. In 2020, Westminster Choir College moved to Rider University's main campus in Lawrenceville, N.J. In 2022, Westminster College of the Arts and the College of Liberal Arts and Sciences were combined to create the College of Arts and Sciences.

The colleges and schools within Rider University include:

- Norm Brodsky College of Business (p. 570)
- College of Education and Human Services (p. 666)
- College of Arts and Sciences (p. 748)
  - School of Communication, Media and Performing Arts
  - School of Humanities and Social Sciences
  - School of Science, Technology and Mathematics
  - School of Westminster Choir College

Norm Brodsky College of Business

A business education is for anyone who wants to develop the skills needed to turn ideas and dreams into reality. Whether it's creating your own company or rising to the top of a major corporation, the key is having the skills to make it happen.

The Norm Brodsky College of Business offers curricula at the undergraduate level leading to the degree of Bachelor of Science in Business Administration (BSBA).

Vision Statement

We will be a premier college of business known for the engaged learning of our students, the career success of our graduates, the connectedness of our network, and the impact of our academic, professional, and societal contributions.

Mission Statement

The mission of Rider University's Norm Brodsky College of Business is to provide a dynamic and innovative integrated business education within a strong community of learners, faculty teacher-scholars, and professional partners. With emphases on engaged learning, personal attention, and interaction with industry, our students are prepared to be productive, confident, and socially responsible contributors in their careers and the rapidly changing global marketplace.

Core Values

In carrying out our mission, the Norm Brodsky College of Business commits to the following core values:

Engaged Learning: Drawing connections between what is learned in the classroom with what is learned in high-impact real-world experiences

Diverse Scholarship: Blend of pedagogical, applied, and discipline-based research that enhances teaching effectiveness, and contributes to professional practice and the common good

Curricular Rigor: High standards for students in curricula based on current discipline-specific and interdisciplinary theory and practice

Career Relevance: Development of in-demand competencies including critical thinking, technology tools, oral and written communication, business analytics, teamwork, leadership, and problem-solving

The Common Good: Striving to practice and reinforce principles of social responsibility, sustainability, equity and inclusion, social justice, ethics, and societal good

Sense of Community: Opportunities to connect with, and support relationships among, students, alumni, faculty, employers, community members, and industry professionals

Entrepreneurial Spirit: A mindset that focuses on finding opportunities, overcoming challenges, maximizing resources, embracing ambiguity, innovating, improving, and taking ownership

Professional Accreditation

Rider University's Norm Brodsky College of Business programs were accredited by AACSB International—The Association to Advance Collegiate Schools of Business — initially in 1993 and most recently reaffirmed in 2023. In addition, the accounting program was further recognized for excellence with accreditation in accounting by AACSB International initially in 2000 and most recently reaffirmed in 2022.

BSBA/Graduate Business Option

It is possible to apply to the graduate business program after completing 90 credits in a Rider undergraduate business degree program. Those students admitted may enter the program upon the completion of the BSBA degree. Courses waived should permit them to graduate with an advanced degree in one year by taking the required graduate course work. See the Graduate Academic Catalog (p. 1330) for requirements for the Master of Business Administration (MBA), the Master of Accountancy (MAcc), and the Master of Science in Information Systems degrees.

Students are eligible to take graduate business courses in the spring of their senior year if they are senior business majors with a minimum cumulative GPA of 3.5 for courses with the PMBA prefix and 3.3 for courses with the MACC prefix. In order to take a MACC course, a student must be an accounting major. Graduate business courses do not count toward both the undergraduate and graduate program requirements. Up to six credits of graduate-level courses may be taken and would be included in the regular full-time tuition fee.

Degree

The degree that the Norm Brodsky College of Business offers at the undergraduate level is the Bachelor of Science in Business Administration (BSBA). To receive this degree, a student must complete the core requirements (p. 573) for the college.

(For master's level work, see the Graduate Academic Catalog (p. 1329).)

Fields of Study: Majors, Minors, Concentrations and Certificates

All business undergraduate students are encouraged to select a discipline-specific or interdisciplinary major by completing the coursework of 18 to 33 credit hours required for the major.

Students who are undecided regarding an area of business specialization are enrolled as business administration majors.

A student may elect to double major, but there is no guarantee that the student will be able to complete the second major within the 120 credit hours required for graduation.

Besides majors, students may also choose to complete a minor, a concentration within the major, or a certificate.

To see the variety of programs of study that the Norm Brodsky College of Business has to offer, please visit the list of Majors, Minors and Certificates (p. 576) available.

Independent Study and Research

Students are offered opportunities for independent study in business-related areas for which formal courses are not available. Each program in the Norm Brodsky College of Business provides these opportunities during the regular semester via offerings labeled 490, Independent Research and Study. Projects may be taken by an individual or a group of students working together. Each person must submit an independent study proposal including definitive statements on the following: an elaborate, clear statement of the study's significance; the study's design and objective; the utilization and expectation of on- and off-campus resources related to the study; and method to be used to demonstrate the results of the study.

Independent study proposal requests can be obtained and approved by the appropriate chairperson and the Dean's Office. Such proposals must be submitted prior to the semester of the independent study and must include a timeline for completion.

Departments

The Norm Brodsky College of Business consists of five departments:

Department of Accounting

Dr. Evelyn McDowell, Chairperson (emcdowell@rider.edu**)**

Departmental Discipline:

Accounting (p. 19)

Department of Finance and Economics

Dr. Jason Chiu, Chairperson *(*cchiu@rider.edu*)*
Departmental Disciplines:
Economics (p. 1207)

Finance (p. 269)

Department of Information Systems, Analytics and Supply Chain Management

Dr. Katerina Tsakiri, Chairperson (ktsakiri@rider.edu (jtsakiri@rider.edu**))**
Departmental Disciplines:
Business Analytics (p. 97)

Global Supply Chain Management

Information Systems

Department of Management

Dr. Hee Young Kim, Chairperson (kimmgt @rider.edu (mpromislo@rider.edu**))**
Departmental Disciplines:
Entrepreneurial Studies (p. 240)

Health Care Management (p. 314)

Human Resource Management (p. 333)

Management and Leadership (p. 372)

Sport Management (p. 532)

Department of Marketing

Dr. Anubha Mishra, Chairperson (amishra@rider.edu**)**
Departmental Discipline:
Marketing

Honors Programs

- Baccalaureate Honors Program (p. 12)
- Honors in Business (p. 13)

Baccalaureate Honors Program

The Baccalaureate Honors Program (BHP) is a University-wide program designed to enrich the educational opportunities available to Rider students of proven intellectual ability who choose to become Baccalaureate Scholars. Interdisciplinary in orientation, the program enables Baccalaureate Scholars to explore diverse forms of thought, expression, and institutions past and present–an exploration that will enable them to meet future challenges with confidence. Through a series of team-taught seminars and other Honors courses, co-curricular experiences, personal contact with faculty, and completion of a senior Honors capstone project, the scholars extend their ability to think critically about the great themes of their human heritage.

An invitation to join the Baccalaureate Honors Program is extended to eligible entering freshmen and transfer students. Currently enrolled students may also apply for BHP. Students currently enrolled at Rider must have at least a 3.5 GPA at the time of application to the program.

Students in the Business Honors Program in the Norm Brodsky College of Business may also complete the Baccalaureate Honors Program if desired. They will automatically be enrolled in both programs and assigned to complete BHP 100 and BHP 150. After that, any two CBA Honors courses may count toward the BHP certificate, and their CBA senior thesis will be tailored for BHP as well. Completing both honors programs simply requires 3 additional honors courses or contracts beyond what is already required for Business Honors. How specifically to fulfill those requirements may be discussed with the Honors Director.

Other qualified Rider students with a 3.5 grade point average, including juniors and seniors, may also enroll in Honors seminar courses if seats remain open, as long as they receive the approval of the Director.

BHP courses count toward the completion of the honors program, and may also count to fulfill one other requirement. For example, they may count toward ONE Disciplinary Perspective/ general education requirement, toward the Global Perspectives, OR toward the student's major/ minor (depending on what the course has been approved for). In addition, Honors sections of single-discipline courses, designated in the course roster, assist in fulfilling BHP requirements. Honors seminars and courses are designated on student transcripts, whether or not the student completes the program. Successful completion of the BHP is noted on the student's transcript and in the commencement program.

Eligibility for the Baccalaureate Honors Program

For students entering Rider as a freshman:

- Students who earn a 3.5 GPA or higher in high school AND who also score 1280 or higher on the SAT or an ACT composite of 26 or better, are invited to join the Baccalaureate Honors Program as entering freshmen. If students apply test-optional, they must receive a GPA of 3.7 or higher and a total of approximately 17-20 honors/ AP/ IB/ Dual-Enrollment classes. Students may contact the Office of Admissions for any questions surrounding eligibility for honors in any given year.
- While at Rider, the completion of two honors writing courses, 5 upper-level seminars or honors experiences, and an honors capstone project is required for graduation with honors.
- Currently enrolled freshmen or sophomores may apply to the honors program if they achieve success in their freshmen writing class(es), earn a GPA of at least 3.3, and/ or are recommended by at least two faculty members. For these late-start students, completion of one honors course or experience per semester they are in the program is required for graduation with honors. This includes an honors capstone project during one semester of their senior year.

For students entering Rider as a transfer with 20 credits or less:

- Students who earn a cumulative GPA of 3.5 or higher and achieve a grade of B or higher in a college-level English/writing class may be invited to join the Baccalaureate Honors program as transfer students. For these transfer students, completion of 6 courses in the honors program plus an honors capstone project is required for graduation with honors. Honors credits taken at the students' first institution may be accepted at the discretion of the program director.
- Transfer students must speak with the Honors Program Director to establish the personal trajectory that will be required to complete their honors experience at Rider.

For students entering Rider as a transfer with more than 20 credits:

- Students who earn a cumulative GPA of 3.5 or higher and achieve a grade of B or higher in a college-level English/writing class may be invited to join the Baccalaureate Honors program as transfer students. For students who start after their first semester, they must complete one honors course or experience per semester in order

to complete the program. Honors credits taken at students' first institution may be accepted at the discretion of the program director.

- Transfer students must speak with the Honors Program Director to establish the personal trajectory that will be required to complete their honors experience at Rider.

Contact:

Cara DiYanni, Ph.D.
Professor of Psychology
Director, Baccalaureate Honors Program
Hennessy Science and Technology Center, #320C
(609) 896-7761
cdiyanni@rider.edu

For more information on the Baccalaureate Honors Program please see: www.rider.edu/bhp (http://www.rider.edu/BHP/).

Honors in Business

The Business Honors Program is designed exclusively for business majors enrolled in the Norm Brosky College of Business. Entering students are automatically considered for the program based on their academic record. Continuing students are invited to join by the director of the program.

Rider's Business Honors Program features cohort learning, which teaches the framework of successful business environments by encouraging teamwork and critical thinking. Students participate in classes with the same group of students for all four years. The cohort creates a powerful learning environment where students gain crucial business skills: the ability to communicate and collaborate, problem-solve, analyze various perspectives, initiate discussions, network, and delegate.

Business honors students receive special advising, the opportunity to live in a residential learning community in their freshman year, priority in course registration, and invitations to attend co-curricular events (e.g., art exhibits, film screenings, poetry slams, theater previews, etc.) which are planned by the faculty team.

Each fall, approximately 25 students who have applied for and have been accepted to Rider University's Norm Brodsky College of Business will be invited to participate in the Business Honors Program. These students will be chosen based on their SAT scores and high school GPA. An additional ten students will be chosen after the end of the fall semester based on GPA.

To complete the Business Honors Programs, students must complete the required number of honors business core classes, write an honors thesis, maintain a minimum overall GPA of 3.4, complete one non-core business honors class, and complete a thesis.

The selected students will take the following sequence of honors courses beginning in the fall of their freshman year:

Class Standing	Semester	Honors Courses
Freshman	Fall	CIS 185, ECO 200 and CBA 110
	Spring	ECO 201 and MKT 200
Sophomore	Fall	ACC 210 and MGT 201
	Spring	FIN 220
Junior	Fall	BUS 300 and CIS 385
Senior		BUS 444, BUS 400 and Senior Honors Thesis

In order to successfully complete the honors program, a student will do the following:

- Complete eight of the eleven honors courses above (not including BUS 444), one of which must be BUS 400. Students that enter in the Fall of their sophomore year must complete six core honors courses.
- Complete a non-core CBA honors course (BUS 444).
- Complete an honors thesis.
- Have a minimum GPA of 3.4 in all honors courses.
- Have a minimum GPA of 3.4 overall.

Upon successful completion of the honors program, a student will receive a special honors designation on his/her transcript, an honors award, and special recognition at graduation.

Contact:

Ira Sprotzer, J.D.
Associate Professor of Legal Studies
Director, Business Honors Program
Norm Brodsky College of Business, #239
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For more information about the Business Honors Program please see: https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate-programs/honors-programs (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate-programs/honors-programs/)

The Norm Brodsky College of Business Core Requirements

- Core Requirements Overview (p. 573)
- Intensive Course Requirements (p. 574)
- Business Subjects (p. 574)
- Non-business Subjects (p. 575)
- Free Electives (p. 575)
- Engaged Learning Requirements (p. 575)

Core Requirements Overview

Students in the Norm Brodsky College of Business are required to take a core of business courses, providing them with a solid foundation in business, global perspective, and professional, technological, and data analytical skills that are essential for career success. In addition, business students are required to take general education courses in written and oral communications and courses that provide liberal arts perspectives.

Business core courses provide students with:

- An integrative application of fundamental concepts of essential business disciplines in a business practice through an Introduction to Business course;
- A background of the concepts, processes, and institutions in the production and marketing of goods and/or services, and the

financing of business enterprises or other forms of organization. This perspective is covered in such courses as Marketing Principles, Introduction to Finance, and Operations Management;

- A background of the economic and legal environment as it pertains to profit or nonprofit organizations, along with ethical considerations and social and political influences as they affect such organizations. Courses that satisfy this requirement are Principles of Macroeconomics, Principles of Microeconomics, The Legal and Ethical Environment of Business, as well as several elective courses;
- A basic understanding of the concepts and applications of accounting, quantitative methods, and management information systems, including computer applications. This area is covered through such courses as Introduction to Accounting, Managerial Uses of Accounting, Business Statistics, Information Systems Essentials, and Management Information Systems;
- A fundamental skill set to discover new insights from analyzing big data to inform an organization's operational and strategic decisions through the Introduction of Business Analytics course;
- A study of organizational theory and behavior and interpersonal communications. Course work in Fundamentals of Management and Organizational Behavior cover this area, as well as courses in composition and speech;
- A skill set of effective business written and oral communications for both individual and group workplace settings in a Business Communications course;
- A study of decision processes under conditions of uncertainty, including integrating analysis and policy determination at the overall management level. The course, Strategic Management and Policy, which serves as the capstone course, provides the necessary coverage in this area;
- An understanding of international business, necessary to engage effectively in the global economy. This area is covered by two required international business electives;
- A study of professional, development, and career management focused on individual career goals and strategies for a successful job search. A course in Career Planning covers this area;
- A study of leadership and interpersonal skills reinforced with participation in a team environment. This area is covered by a required leadership elective.

In addition to the core requirements, all students in the Norm Brodsky College of Business are required to complete a program of study prescribed by the major or program in which they are enrolled. This phase of study typically begins in the junior year. Courses in the major are designed to provide the student with a general competence in one of the principal areas of business.

Intensive Course Requirements

All business students must successfully complete one writing-intensive, one oral presentation-intensive, and one data analytic-intensive course with at least one of their three intensive courses within their major or minor field of study. The courses that have been approved for intensive course designations are:

- Writing-Intensive Courses: BDA 398, BUS 300, FIN 405, MKT 460, MGT 363, SPT 250
- Oral Presentation-Intensive Courses: ACC 410, CBA 320, FIN 305, MGT 355, MKT 320, MKT 340, MKT 435, SPT 450
- Data Analytic-Intensive Courses: ACC 320, CIS 350, CIS 360, GSC 235, HTH 215, MKT 366, MKT 367, SPT 322

Students are required to have 54 semester hours completed before enrolling in most 300- or 400-level business courses.

Fifty percent of all business credits must be taken through Rider. Transfer students may bring in 30 credits from business courses plus Quantitative Methods, Business Statistics, Macroeconomics, and Microeconomics. At least half of the required credits in the area of a student's major must be taken at Rider.

All business students must have a 2.0 GPA in their major and overall to graduate.

Program-Level Learning Competencies

- Communicate effectively in writing about business topics in a concise, informative, and well-researched manner;
- Communicate effectively orally about business topics using appropriate media in a manner that is informative as well as persuasive;
- Apply ethical understanding and reasoning to address ethical issues that arise in business contexts in a socially responsible manner ;
- Work effectively with others in a team environment, in person, and/or virtually;
- Use current technologies in the business environment;
- Apply analytical skills in the business environment;
- Integrate knowledge of business theories, concepts, and principles to conduct a critical analysis of business practice.

Business Subjects

Code	Title	Credits
Business Foundations		
CBA 110	Business in Action	3
MSD 105	Quantitative Methods for Business	3
MSD 205	Business Statistics	3
ACC 210	Introduction to Accounting	3
ACC 220	Managerial Uses of Accounting	3
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
FIN 220	Introduction to Finance	3
BUS 300	The Legal and Ethical Environment of Business	3
BUS 400	Strategic Mgmt and Policy	3
CBA 212	Business Communications	3
Business Technology and Analytics		
CIS 185	Information Systems Essentials	3
CIS 385	Management Information Systems	3
or GSC 385	Management Information Systems for Global Supply Chain Management	
BDA 201	Introduction to Business Analytics	3

MSD 301	Operations Management	3
Professional Development		**3**
CBA 236	Career Planning	
Leadership Elective		**3**
Select one of the following:		
CBA 320	Case Analysis & Presentation	
LDP 200	Foundations of Leadership	
LDP 220	Service Learning Through Minding Our Bus	
LDP 398	The Co-op Experience Seminar	
MGT 355	Team Management	
MGT 363	Management Skills	
International Business Electives [1]		**6**
Select two of the following:		
BUS 375	International Business Law	
CBA 315	International Business Tour	
CBA 316	Nature's Business	
CBA 317	Emerging Nations Study Tour	
CIS 375	Business Process Design for a Global Economy	
ECO 305	Internatl Trade and Investment	
ECO 315	Comparative Economic Systems	
ENT 375	International Entrepreneurship	
FIN 308	International Finance	
GSC 115	Introduction to Global Supply Chain Mgt.	
GSC 315	International Business Tour	
MGT 375	International Management	
MKT 330	International Marketing	
MKT 369	International Advertising	
SPT 320	Business of Global Sport	
Major Requirements [2]		
Additional credits are required for majors as described in the footnote below.		
Total Credits		**63**

Non-business Subjects

In addition to the business subjects, the student must acquire at least 21 credits in arts and sciences courses.

Code	Title	Credits
Communications:		
CMP 120	Seminar in Writing and Rhetoric	3
CMP 125	Seminar in Writing and Research	3
or CMP 203	Literature and Composition	
COM 290	Professional/Strategic Speech	3
Arts and Sciences:		
Natural Science Elective		**3**
Select one course from the following subject areas:		
Behavioral Neuroscience (BNS)		
Biochemistry (BCH)		
Biology (BIO)		
Chemistry (CHE)		
Discovery Science		
Environmental Science (ENV)		
Geosciences (GEO)		
Integrated Science and Math		
Marine Sciences (MAR)		
Physics (PHY)		
Sustainability Studies (SUS)		
Social Science Elective		**3**
Select one course from the following subject areas:		
American Studies (AMS)		
Communication and Journalism (COM)		
Gender Studies (GSS)		
Health Care Policy (HCP)		
History (HIS)		
Homeland Security Policy (HSP)		
Law and Justice (LAW)		
Multicultural Studies (MCS)		
Political Science (POL)		
Psychology (PSY)		
Social Work (SOW)		
Sociology (SOC)		
Humanities Elective		**3**
Select one course from the following subject areas:		
English (ENG)		
Literature (LIT)		
Fine Arts (ART, DAN, MUS, THE)		
Foreign Languages and Literature (CHI, FRE, SPA)		
Philosophy (PHL)		
Liberal Arts Elective		**3**
Select one course offered by the College of Arts & Sciences. See the note below.		
Total Credits		**21**

Free Electives

The minimum requirements in business and non-business subjects normally leave a student needing an additional 24 credits that must be completed to satisfy the 120 required for graduation.

Accounting, Actuarial Science, Business Analytics, Global Supply Chain Management, Health Care Management, Human Resource Management, Information Systems, Marketing, and Organizational Psychology majors have a reduced number of free elective credits due to the additional major requirements.

Free elective credits may be used to fulfill the International Business Elective requirement. Courses from a second major or a minor may also be used to fill free elective credits.

Free elective credits may be taken in any discipline at Rider, provided the student meets the requirements imposed by the department or program offering the course.

Engaged Learning Graduation Requirement

In addition to completing all the course requirements, all Rider University students are required to complete an Engaged Learning Graduation requirement. (https://rider-preview.courseleaf.com/policies/undergraduate/engaged-learning-policy/)

Majors, Minors and Certificates

The programs below are offered through the Norm Brodsky College of Business. Some offerings are restricted to Continuing Education Program students only and are indicated with the CEP designation.

Program	Major	Minor	Certific	Concentration
Accounting (p. 19)	√			
Business Administration (p. 91)	√			
Business Administration A.A. (CEP) (p. 95)	√			
Business Analytics (p. 97)	√	√		
Business Basics (CEP) (p. 101)			√	
Business Plus (CEP) (p. 102)			√	
Entrepreneurial Studies (p. 240)	√			
Entrepreneurship Minor (p. 244)		√		
Finance (p. 269)	√			
Finance Major Concentrations (p. 269)				
Finance Minor for Non-business Majors (p. 275)		√		
Fraud and Business Forensics (p. 276)			√	
General Business for Non-business Majors (p. 288)		√		
Global Supply Chain Management (p. 295)	√		√	
Health Administration (p. 311)		√		
Health Care Management (p. 314)	√			
Human Resource Management (p. 333)	√			
Information Systems (p. 337)	√	√		
International Business (p. 344)	√			
Legal Studies (p. 358)		√		
Management and Leadership (p. 372)	√		√	
Management and Leadership/Human Resource Management Double Major (p. 376)	√			
Marketing (p. 386)	√			
Marketing Minor for Non-business Majors (p. 661)		√		
Risk Management and Insurance (p. 662)			√	
Sales (p. 507)		√		
SAP Student Recognition Award Certificate (p. 506)			√	
Sport Management (p. 532)	√			
Sport Studies (p. 536)		√		

Accounting

Program Overview

Rider's accounting program is designed to build professionals. The B.S.B.A. in accounting provides students with the skills and knowledge needed for careers with corporations, public accounting firms, and governmental organizations.

Accounting majors learn in the classroom, through co-op and internship positions, and through ongoing networking opportunities with accounting executives.

Student Learning Outcomes:

An accounting graduate will:

- demonstrate an ability to apply knowledge of fundamental U.S. accounting, auditing and tax techniques and standards to accounting problems;
- demonstrate effective oral communication and presentation skills;
- demonstrate effective written communication skills;
- demonstrate proficiency in the appropriate application of relevant information technology skills for professional tasks;
- demonstrate basic professional skills for problem-solving and critical thinking;
- demonstrate an ability to research accounting, auditing and tax issues;
- demonstrate an understanding of the importance of ethics in the accounting profession and the ability to apply ethical reasoning to accounting decision making.

Curriculum Overview

The B.S.B.A. accounting curriculum prepares students for a variety of career paths in the dynamic field of accounting. The curriculum emphasizes technical knowledge, professional development, written and oral communication, information technology, ethics and global perspectives.

The B.S.B.A. program has an active co-op and internship program in which students work in paid positions during the semester or summer and earn academic credit for the program. Both the co-op and internship can be completed within the four year program and often lead to full-time employment. The B.S.B.A. also offers a business forensic concentration.

Students who want to pursue **CPA certification** can meet the 150 hour requirement for CPA licensure by double majoring in the B.S.B.A. program or by continuing in the **4+1 Master of Accountancy (MAcc) program**.

Undergraduate accounting majors are encouraged to work closely with their advisor to select courses which will best address their career and certification plans. Students should consult the specific certification requirements of the state jurisdiction in which they plan to become certified and plan accordingly. To learn more about individual state requirements for CPA licensure see www.nasba.org. (https://nasba.org/exams/cpaexam/)

Master of Accountancy (4 + 1 MAcc Program)

The 4 +1 MAcc program is the fastest growing program in the Norm Brodsky College of Business. The MAcc prepares students for CPA licensure and allows for an area of specialization. Students may enter the program directly from the B.S.B.A. program, and for students with overall and accounting GPA of 3.0, the GMAT requirement for admission is waived. The MAcc can be completed on either a full-time or part-time basis.

Accreditation Information

The accounting program is one of less than 3% of accounting programs worldwide to hold the prestigious AACSB business and accounting accreditation. The accounting faculty are committed to continuous improvement in curriculum, faculty and student preparation.

Degrees Offered

- B.S.B.A. in Accounting
- Master of Accountancy (fifth year program, 4+1)

Contact

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Department Website: (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/accounting/**)**Accounting (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/accounting/)
Accreditation: Association to Advance Collegiate Schools of Business - Accounting and Business Accreditations (AACSB) (http://www.aacsb.edu)

Related Programs

- Business Administration (p. 91)
- Entrepreneurial Studies (p. 240)
- Finance (p. 269)
- Fraud and Business Forensic Concentration (p. 276)
- International Business (p. 344)
- Management and Leadership (p. 372)
- Master of Accountancy (p. 1342)

Major Requirements

(27 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
Major Requirements		
ACC 302	Cost Management	3
ACC 310 & ACC 311	Acct Theory & Concepts I and Accounting Theory & Concepts II	6
ACC 320	Accounting Info Systems	3
ACC 400	Principles of Auditing	3
ACC 405	Accounting Problems & Practice	3
ACC 410	Fundamentals of Federal Taxation	3
BUS 210	Intro to Law: Contracts	3
FIN 308	International Finance	3
Total Credits		**27**

Students who plan to take the CPA exam may, with the Department Chair's permission, take MACC 658 Governmental and Not-for-Profit Accounting during their senior year. These credits may be used to fulfill the 120 undergraduate credit requirement. Students who are not entering into the MAcc but plan on taking the CPA test are allowed to take MACC 658 as part of the undergraduate program. The student will need to have an overall and accounting GPA of 3.3.

Students desiring to become certified public accountants (CPAs) will be required to have 120 credit hours of education to take the CPA exam and have completed 150 credit hours of education for licensure. Rider accounting majors may graduate after four years (120 credit hours) or seek to achieve the additional credit hours directly through admission to the Master of Accountancy (MACC) program at the University. It is possible to apply to the MACC program at Rider after completion of 90 credit hours. (Please consult the Rider University Graduate Academic Catalog for details on the MACC program (p. 1342).) Undergraduate accounting majors are encouraged to work closely with their advisor to select courses that will best address their career and certification plans. Students should consult the specific certification requirements of the state jurisdiction in which they plan to become certified and plan accordingly.

Students majoring in accounting must receive a grade of at least "C-" in a prerequisite course for any advanced course in accounting, and must have a cumulative average of at least 2.0 in the major.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
ACC 210	Introduction to Accounting	3
CIS 185	Information Systems Essentials [3]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [4]	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 110	Business in Action [3]	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 302	Cost Management	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 320	Accounting Info Systems	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**15**

Year 3		
Fall Semester		
ACC 310	Acct Theory & Concepts I	3
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
Leadership Elective [2]		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ACC 311	Accounting Theory & Concepts II	3
BUS 210	Intro to Law: Contracts	3
FIN 308	International Finance (International Business)	3
MSD 301	Operations Management	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ACC 405	Accounting Problems & Practice	3
ACC 410	Fundamentals of Federal Taxation	3
Liberal Arts Elective [1]		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ACC 400	Principles of Auditing	3
BUS 400	Strategic Management and Policy	3
International Business Elective		3
Liberal Arts Elective [1]		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students must take four Liberal Arts Electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Liberal Arts and Sciences.

2

Choose from LDP 398 The Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning Through Minding Our Bus, MGT 355 Team Management, or MGT 363 Management Skills. Students taking ACC 399 The Co-Operative Experience are required to take LDP 398 The Co-op Experience Seminar during the co-op semester.

3

CIS 185 Information Systems Essentials and CBA 110 Introduction to Business can be taken in the Fall or Spring of Year 1.

4

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

NOTES

- **Business Fraud and Forensic Concentration:** Students should take ACC 325 Fraud Examination and Business Forensics in the spring of sophomore year, ACC 321 Internal Auditing in the fall of junior year, and ACC 450 Business Forensic Application in the spring of senior year.
- **CPA Licensure Requirements for Students Not Entering the MAcc:** Students should also work with their academic advisor to plan the additional 30 credits.
- Students are required to take FIN 308 International Finance as one of the required International Business Electives, as well as BUS 210 Intro to Law: Contracts.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., Internship, Co-op, Study Tour, study abroad, ENT 448 Seminar in Small Business Consulting,ECO 450 Seminar in Economic Research).
- Students working co-op positions in the spring of their third year will substitute ACC 399 (6 credits of free electives) for MSD 301 and one liberal arts elective. MSD 301 and the liberal arts elective must be taken in another semester.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
ACC 210	Introduction to Accounting	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective [1]		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 110	Business in Action	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
MKT 200	Marketing Principles	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
ACC 302	Cost Management	3
ACC 310	Acct Theory & Concepts I	3
BDA 201	Introduction to Business Analytics	3

CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 311	Accounting Theory & Concepts II	3
ACC 320	Accounting Info Systems	3
CBA 212	Business Communications	3
COM 290	Professional/Strategic Speech	3
FIN 308	International Finance (International Business)	3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
BUS 210	Intro to Law: Contracts	3
MSD 301	Operations Management	3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
ACC 405	Accounting Problems & Practice	3
ACC 410	Fundamentals of Federal Taxation	3
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
Liberal Arts Elective [1]		3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 400	Principles of Auditing	3
BUS 400	Strategic Management and Policy	3
International Business Elective		3
Liberal Arts Elective [1]		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students must take four Liberal Arts Electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

NOTES

- The above plan assumes no AP or other credits were transferred into Rider University.
- Students are required to take 6 credits of International Business Electives. One of the courses must be FIN 308 International Finance.
- Business Honors students will have a different sequence.
- For the Leadership Elective, choose from LDP 200 Foundations of Leadership, LDP 220 Service Learning Through Minding Our Bus, LDP 398 The Co-op Experience Seminar, MGT 355 Team Management, or MGT 363 Management Skills.
- It is strongly suggested that students complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448 Small Business Consulting Sem, ECO 450 Seminar in Economic Research).
- Students are required to take FIN 308 International Finance as one of the required International Business Electives, as well as BUS 210 Intro to Law: Contracts.

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ACC 220 Managerial Uses of Accounting 3 Credits
This course provides an introduction to the use of accounting information in managerial decision-making. Topics include cost behavior, cost classifications, and problem-solving functions of accounting as they pertain to planning, control, evaluation of performance, special decisions, and budgeting. The interpretation of published financial statements and the statement of cash flow are also covered.
Prerequisite(s): ACC 210.

ACC 302 Cost Management 3 Credits
This course focuses on firm strategy and the role managerial accounting information plays in the decision making process. Topics include the balanced scorecard, the value chain, product life cycles , target costing, theory of constraints, strategic pricing, management and control of quality cost systems, traditional and activity-based costing, cost control, standard costs and variances, and capital budgeting.
Prerequisite(s): ACC 220 with a minimum grade of C- and CIS 185 with a minimum grade of C-.

ACC 310 Acct Theory & Concepts I 3 Credits
This is the first upper-level course in a sequence in financial accounting courses. Topics include the conceptual framework, and standard setting process followed by application and evaluation of generally accepted accounting principles including content, and structure of financial statements, present value concepts, current assets, current liabilities, property, plant, and equipment, intangible assets and non-current liabilities are studied. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisite(s): (ACC 210 with a minimum grade of C- and ACC 220 with a minimum grade of C-) or PMBA 8020 or VL10 with a score of WV).

ACC 311 Accounting Theory & Concepts II 3 Credits
This course is a continuation of ACC 310. Topics include long-term investments, stockholders' equity, earnings per share, interperiod income tax allocation, accounting changes, revenue recognition, pensions, leases and cash flow analysis. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisites: ACC 310 with a minimum grade of C- or VL02 with a score of WV.

ACC 320 Accounting Info Systems 3 Credits
This course provides an introduction to accounting information systems and enterprise-wide, process-focused information systems. Topics include quality of data for decision usefulness, internal control concepts and documentation tools, and database theory and applications.
Prerequisite(s): ACC 220 and CIS 185.

ACC 321 Internal Auditing 3 Credits
This course provides an introduction to the internal audit profession, including understanding the nature and activities associated with the internal audit process. Topics include: international auditing standards, risk assessment including internal control system evaluation, business processes, and the relationship of management and employee fraud to the internal audit process.
Prerequisite(s): ACC 220.

ACC 325 Fraud Examination and Business Forensics 3 Credits
This course provides an introduction to the prevalence of fraud in all forms of business, including the many methods used by employees and managers to perpetrate fraud. Topics include: the motivation of individuals to commit fraud, various types of fraud schemes perpetrated in the workplace, as well as the various tools and techniques that are used to investigate, detect and prevent fraud.
Prerequisite(s): ACC 210.

ACC 399 The Co-Operative Experience 6 Credits
This course provides the student with a semester long supervised employment with participating companies. Students are evaluated periodically by senior staff members of the participating firms and required to complete a work journal, self-assessment and reflection paper. Eligible students include junior and senior accounting majors with a minimum GPA of 3.0 in accounting coursework. Co-op credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis.
Prerequisite(s): ACC 210, ACC 220, and ACC 310 and permission of department chairperson.

ACC 400 Principles of Auditing 3 Credits
This course provides an introduction to financial statement audits performed by certified public accountants. Topics include corporate governance, the audit environment, professional standards, audit methodology, and audit report preparation. The course also provides an overview of other types of assurance and non-assurance services provided by CPA firms.
Prerequisite(s): (ACC 310 with a minimum grade of C- or ACC 310P with a minimum grade of C-) or VL02 with a score of WV.

ACC 405 Accounting Problems & Practice 3 Credits
This course provides additional coverage of financial reporting issues and procedures. Topics include business combinations, consolidated financial statements, foreign currency translation, the effects of diversity across countries, disclosure and SEC reporting issues. Governmental and not-for-profit accounting standards are also covered.
Prerequisite(s): (ACC 311 with a minimum grade of C- or ACC 311P with a minimum grade of C- or VL03 with a score of WV).

ACC 406 Integrative Professional Capstone 3 Credits
This course provides an integrative experience that applies financial statement and data analysis tools to a variety of accounting settings. Topics include issues of ethics and professionalism and linkages between accounting methods and company policy, equity valuation, bond ratings and other decision areas.
Prerequisite(s): ACC 405 or permission of department chairperson.

ACC 410 Fundamentals of Federal Taxation 3 Credits
This course provides fundamental federal tax concepts applicable to individuals, partnerships, corporations, estates, and gifts. Topics are considered from a tax compliance and planning perspective. Preparation of individual and corporate tax returns is also included.
Prerequisite(s): ACC 311 with a minimum grade of C- or ACC 311P with a minimum grade of C- or VL03 with a score of WV.

ACC 410P Fund of Federal Taxation - PM 3 Credits
This course provides fundamental federal tax concepts applicable to individuals, partnerships, corporations, estates, and gifts. Topics are considered from a tax compliance and planning perspective. Preparation of individual and corporate tax returns is also included.
Prerequisite(s): ACC 311 or ACC 311P. Restricted to students in the MAcc program.

ACC 450 Business Forensic Application 3 Credits
This course provides an opportunity to perform complex investigative cases and analyses, thus demonstrating mastery of the knowledge and skills required to be effective forensic professionals. The course covers how to manage and present digital and technical evidence gathered for forensic litigation cases, including the ability to be an expert witness in court.
Prerequisite(s): ACC 325 and ACC 321.

ACC 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and department chairperson. Available to juniors and seniors.

ACC 491 Accounting Internship 3 Credits
This course provides the student with approximately two months of supervised employment with participating companies. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a term paper. Eligible students include junior and senior accounting majors with a minimum GPA of 3.0 in accounting coursework. Upon completion of course, a letter grade will be awarded.
Prerequisite(s): Permission of department chairperson.

BUS 210 Intro to Law: Contracts 3 Credits
An introduction to the origin of current law, with emphasis on the development of business law, students are exposed to legal terminology and acquainted with the system of application of rules of law to actual situations. The laws of contracts, particularly common-law developments, are considered in great detail.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

Business Administration B.S.B.A.

Program Overview

Rider's business administration major provides students with a general business focus, and is ideal for students who do not want to concentrate in a particular functional area, but instead intend to pursue one of the following goals:

- attend graduate school, such as law school or a MBA or Ph.D. program;
- enter a management training or marketing program with a future employer;
- enter a family business or start a new one.

Student Learning Outcomes

A business administration graduate will demonstrate the ability to:

- define the concepts of corporate social responsibility and business ethics;
- construct organizational strategies for implementing an effective ethics program for an organization;
- use oral communication effectively in a professional setting;
- use written communication effectively in a professional setting;
- apply a broad base of knowledge and skills that are necessary for a career in business;
- explain the impact that businesses and stakeholders have on one another in a given business enterprise.

Curriculum Overview

The Business Administration major requires completion of 18 credit hours of upper-level business courses across a variety of disciplines, including: economics, finance, management, and marketing. For graduation students must achieve an overall GPA of 2.0 in the major. Business Administration majors may not count more than six credit hours toward a second major, with the exception of International Business. Students majoring in Business Administration can count up to nine credit hours toward the International Business major.

Degree Offered

- B.S.B.A. in Business Administration

Contact

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Program Website: Business Administration (https://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/business-administration/)

Associated Department: Marketing, Advertising, and Legal Studies (p. 91)

Related Programs

- Business Data Analytics (p. 97)
- Entrepreneurial Studies (p. 240)
- Finance (p. 269)
- Global Supply Chain Management (p. 295)
- Health Care Management (p. 314)
- Human Resource Management (p. 333)
- Information Systems (p. 337)
- International Business (p. 344)
- Management and Leadership (p. 372)
- Marketing (p. 386)
- Sport Management (p. 532)

Business Administration Major Requirements

(18 credits)

Code	Title	Credits
Business Core [1]		
See Business Core Requirements (p. 573)		
Courses are to be selected as specified below:		**12**
One upper-level economics (ECO) elective		
One upper-level finance (FIN) elective		
One upper-level management (MGT) or human resources (HRM) elective		
One upper-level marketing (MKT) elective		
Two upper level business courses which may include:		**6**
BUS 490	Independent Research and Study	
BUS 491	Business Admin Internship	
Total Credits		**18**

1

Courses listed as core requirements may not be used for filling the requirements of the business administration major.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective [5]		3
	Semester Credit Hours	**15**

Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective [5]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
Liberal Arts Elective [5]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
Leadership Elective		3
Business Admin Major Elective [3,4]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
MSD 301	Operations Management	3
Business Admin Major Elective [3,4]		3
Business Admin Major Elective [3,4]		3
Free Elective [3]		3
Liberal Arts Elective [5]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Business Admin Major Elective (International Business) [3,4]		3
Business Admin Major Elective [3,4]		3
Business Admin Major Elective [3,4]		3
Free Elective [3]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
Free Elective (International Business) [3]		3
Free Elective [3]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Introduction to Business can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

4

Business Administration majors are required to take an upper level ECO Elective, an upper level FIN Elective, an upper level HRM/MGT Elective, an ADV/MKT Elective, and 6 credits of additional upper level business electives for a total of 18 credits.

5

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

3-Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [4]	3
CIS 185	Information Systems Essentials [4]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [3]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective [1]		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**6**

Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
Business Admin Major Elective		3
Business Admin Major Elective		3
Leadership Elective [2]		3
Free Elective (International Business)		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
Business Admin Major Elective (International Business)		3
Business Admin Major Elective		3
Business Admin Major Elective		3
Liberal Arts Elective [1]		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
Business Admin Major Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

2

For the Leadership Elective, choose from LDP 200, LDP 220, LDP 398, MGT 355, or MGT 363.

3

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit course.

4

CIS 185 Information Systems Essentials and CBA 110 Introduction to Business can be taken in the Fall or Spring of Year 1.

Notes:

- The Plan assumes no AP or other credits were transferred into Rider University.
- Students are required to take 6 credits of International Business Electives which can be fulfilled as major courses or as free elective courses.
- Business Administration majors are required to take an upper level ECO Elective, an upper level FIN Elective, an upper level HRM/MGT Elective, an ADV/MKT Elective, and 6 credits of additional upper level business electives for a total of 18 credits.
- Business Honors students will have a different sequence.
- It is strongly suggested that students complete a credit-bearing experiential course (e.g., Internship, Co-op, Study Tour, Study Abroad, ENT 448, or ECO 450.)

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ACC 220 Managerial Uses of Accounting 3 Credits
This course provides an introduction to the use of accounting information in managerial decision-making. Topics include cost behavior, cost classifications, and problem-solving functions of accounting as they pertain to planning, control, evaluation of performance, special decisions, and budgeting. The interpretation of published financial statements and the statement of cash flow are also covered.
Prerequisite(s): ACC 210.

BDA 201 Introduction to Business Analytics 3 Credits
This course introduces students to the process of analyzing big data and discovering new information to support business decision making. The course covers descriptive, predictive, and prescriptive analytics. Some topics covered include data visualization, data forecasting, and data mining. This course provides students with the fundamental concepts and tools needed to understand the role of business analytics in organizations and shows students how to apply basic business analytics tools in a spreadsheet environment. It also includes how to communicate with analytics professionals to effectively use and interpret analytic models and results for making better business decisions. Emphasis is given on applications, concepts and interpretation of results. Students utilize Excel for data analysis.
Prerequisite(s): MSD 205.

BUS 300 The Legal and Ethical Environment of Business 3 Credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered.
Prerequisite(s): 54 credits.

BUS 400 Strategic Management and Policy 3 Credits
This capstone course for seniors in business administration provides a framework for problem identification, analysis, and decision making within the organization. Students are given the opportunity to integrate and apply previously acquired knowledge of accounting, decision sciences, economics, finance, marketing, management, and statistics. Case studies, critical incidents, and other appropriate techniques are utilized.
Prerequisite(s): 84 credits and ACC 210, ACC 220, BUS 300, CIS 185, FIN 220, MGT 201, MKT 200, MSD 301, and (CIS 385 or GSC 385).

CBA 110 Business in Action 3 Credits
This course will provide students with the opportunity to develop a foundational understanding of the business environment and various business functions. Students will be introduced to core concepts in accounting, e-business, finance, human resource management, information technology, macroeconomics, management, marketing, and production and operations management. In addition, the student will have ample opportunity to improve his/her communication and teamwork skills, as well as further develop problem-solving, analytical, and decision-making abilities through a Business in Action project.

CBA 212 Business Communications 3 Credits
Good communication is a vital skill in any environment where interpersonal interaction occurs. Communication skills do not, however, come naturally to everyone. This course introduces students to skills, practices, and strategies that will help them effectively communicate in the workplace and highlights the value of carefully documenting interactions between client and vendor. Students will engage in developmental activities intended to help them learn key aspects of communication, including, but not limited to: different formats of business writing (e.g., executive summaries, client and corporate correspondence, email messages, memos, reports, etc.); visual aids and presentations; active listening; small group facilitation; professional presence; and establishing credibility. Deliverables will include written documents and oral presentations, both individually and in teams. These skills cut across all disciplines and are qualitative tools that enhance overall career development.
Prerequisite(s): CMP 120 or BHP 100, and CMP 125 or BHP 150, and CBA 110 or CBA 110 with a score of WV.

CBA 236 Career Planning 3 Credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this couse. The meaning of work and the development of careers are discussed, and careers are examined in the context of important changes occurring today in the world of work. Students undertake self-assessments, learn career search strategies and resources, and enhance resume and interviewing skills to maximize their career preparation.

CIS 185 Information Systems Essentials 3 Credits
This course provides students with a conceptual understanding and hands-on practice with spreadsheets. At the completion of this course students will be able to apply the appropriate information systems technology tools within spreadsheets to a variety of quantitative data-centric analytic activities. This course assumes you have a basic knowledge of Microsoft Windows, Word, Excel, and Web browsers.

CIS 385 Management Information Systems 3 Credits
This course will enhance students' digital dexterity and familiarity with existing and emerging information technologies, emphasizing skills of abstraction in relation to digital strategy and organizational change, innovation, analytics, and ethics. This course will also provide hands-on experience with at least one essential business technology. At the completion of the course, students will have an understanding of the business-related, policy, societal, and ethical implications associated with modern information systems.
Prerequisite(s): CIS 185 and junior or senior standing.

CMP 120 Seminar in Writing and Rhetoric 3 Credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CMP 120 or BHP 100.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

MSD 301 Operations Management 3 Credits
This course introduces students to the concepts and techniques necessary to manage firm operations. The course emphasizes enhancing students' ability in problem-solving and decision-making by (1) identifying operations problems, (2) structuring decision-making process, (3) evaluating options that provide resolution of the problems using appropriate and proven techniques. It is well recognized that today's global business competition is among supply chains. Operations management concentrates on the supply side of the corporate strategy of a supply chain, where the bulk of the organization resources are committed. Good management of operations, which may also be called management of supply chain operations, is crucial in achieving an effective supply chain. The emphasis on systematic thinking and analytic decision model discussed the course will also provide students with necessary skills and useful tools in the emerging field of Business Analytics.
Prerequisite(s): MSD 200 or MSD 205 or MTH 341.

Business Data Analytics

Program Overview

Due to technological advancements and exponential growth in data, businesses are increasingly relying on the use of analytics and artificial intelligence to create new opportunities, address business challenges and outperform their peers. Companies such as OpenAI (Microsoft), Tesla, Google (Alphabet), Facebook (Meta), Amazon, Netflix, and Spotify rise above their competition through continual innovations fueled by artificial intelligence and driven by actionable business insights uncovered from analyzing their data. With the increasing demand for professionals who are capable of sifting through zettabytes of data to uncover insights and find business value, there is a shortage of talent in the analytics space.

Student Learning Outcomes

A business analytics graduate will demonstrate the ability to:

- formulate a business problem through developing a hypothesis;
- apply various descriptive, predictive, and prescriptive analytics techniques;
- implement all steps in the business analytics (BA) process (e.g., CRISP-DM);
- convey the results of analytics through visualization, oral, and written communication;
- apply information technology knowledge and domain-specific business knowledge to solve a business analytics problem (e.g. Marketing);
- apply ethical, socially responsible, and global perspectives in business analytics projects and/or processes.

Curriculum Overview

The structure of the program consists of six required courses and two elective courses. The six required courses provide core data analytics skills that are ubiquitously applicable for all analytics professionals. The two electives provide various track options that allow students to customize their program of study based on their choice of career path and interest in a specific industry or a business functional area.

Another key feature of the program is its emphasis on experiential learning through course projects embedded in multiple required courses plus a practicum/capstone course that gives students the opportunity to apply their analytical skills to solve a real business problem and to communicate their findings to real-world clients.

Degree Offered

- B.S.B.A. in Business Analytics
- Minor in Business Analytics

Contact

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Business Data Analytics Major Requirements

(24 credits)

Code	Title	Credits
Complete the following required courses:		
BDA 205	Introduction to Visual Data Analytics	3
BDA 355	Business Analytics with Python	3
BDA 398	Business Data Analytics Practicum	3
CIS 330	Database Systems	3
CIS 350	Practical Business Analytics with Excel and R	3
CIS 360	Data Mining	3
Select two courses from one of the following tracks:		**6**
Accounting Track		
ACC 302	Cost Management	
ACC 320	Accounting Info Systems	
Marketing Track		
MKT 366	Marketing Research	
MKT 367	Marketing Web Analytics	
Finance Track		
FIN 312	Investments	
FIN 315	Financial Modeling	
FIN 360	Fixed Income and Derivatives	
Risk Management Track		
MSD 260	Principles of Risk Management	
MSD 361	Risk Assessment and Analysis	
CIS 377	Risk Management and Compliance for Information Security	
Artificial Intelligence and Machine Learning Track		
CIS 401	Artificial Intelligence for Business	
MSD 330	Predictive Modeling and Applications	
Global Supply Chain Management Track		
GSC 115	Introduction to Global Supply Chain Mgt.	
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	
GSC 355	Supply Chain Internal Focus: Firm Operations	
Health Care Management Track		
ECO 450	Seminar in Economic Research	
HTH 215	Population Health Care Management	
Sport Analytics Track		
SPT 250	Introduction to the Business of Sports	
SPT 322	Sports Analytics	
Total Credits		**24**

Business Data Analytics Minor Requirements

(15 credits)

The Minor in Business Analytics is open to all Rider students.

Code	Title	Credits
Prerequisite Courses		
CIS 185	Information Systems Essentials [1]	3
MSD 205	Business Statistics [2]	3
Required Courses		**9**
CIS 330	Database Systems	
CIS 350	Practical Business Analytics with Excel and R	
CIS 360	Data Mining	
Select two of the following:		**6**
ACC 320	Accounting Info Systems	
BDA 205	Introduction to Visual Data Analytics	
ECO 450	Seminar in Economic Research	
BDA 355	Business Analytics with Python	
FIN 315	Financial Modeling	
HTH 215	Population Health Care Management	
MKT 366	Marketing Research	
MKT 367	Marketing Web Analytics	
MSD 330	Predictive Modeling and Applications	
Total Credits		**15**

1

Business students pursuing the Business Analytics Minor are advised to take GSC 385 in lieu of CIS 385 for their business core.

2

For non-business students, the following courses may be used as a substitute for MSD 205: BNS 250, MTH 120, ENV 200, PSY 105, PSY 201, or POL 230.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3

Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2 [3]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
BDA 205	Introduction to Visual Data Analytics	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
CIS 350	Practical Business Analytics with Excel and R	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 330	Database Systems	3
FIN 220	Introduction to Finance	3
International Business Elective [4]		3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BDA 355	Business Analytics with Python	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MSD 301	Operations Management	3
Liberal Arts Elective 3 [3]		3
Free Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
CIS 360	Data Mining	3
Major Elective		3
Liberal Arts Elective 4 [3]		3
International Business Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BDA 398	Business Data Analytics Practicum	3
BUS 400	Strategic Management and Policy	3
Major Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 CIS 185 and CBA 110 may be taken in the Fall or Spring of Year 1.

2 Students may be required to take MSD 104 based on placement. MSD 104 counts as a 3-credit Free Elective.

3 Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4 Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or free electives.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1 [1]		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2 [1]		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective 3 [1]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3

CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
BDA 205	Introduction to Visual Data Analytics	3
CBA 212	Business Communications	3
CIS 350	Practical Business Analytics with Excel and R	3
International Business Elective [2]		3
Leadership Elective [3]		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
BDA 355	Business Analytics with Python	3
CIS 330	Database Systems	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
Liberal Arts Elective 4 [1]		3
Major Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BDA 398	Business Data Analytics Practicum	3
BUS 400	Strategic Management and Policy	3
CIS 360	Data Mining	3
Major Elective		3
International Business Elective [2]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

2

Students are required to take six credits of International Business Electives.

3

Select from LDP 200, LDP 220, LDP 398, MGT 355, or MGT 363.

Notes:

- The above plan assumes no AP or other credits transferred into Rider University.
- Business Honors students may have a different course sequence.
- Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

Courses and Descriptions

BDA 201 Introduction to Business Analytics 3 Credits
This course introduces students to the process of analyzing big data and discovering new information to support business decision making. The course covers descriptive, predictive, and prescriptive analytics. Some topics covered include data visualization, data forecasting, and data mining. This course provides students with the fundamental concepts and tools needed to understand the role of business analytics in organizations and shows students how to apply basic business analytics tools in a spreadsheet environment. It also includes how to communicate with analytics professionals to effectively use and interpret analytic models and results for making better business decisions. Emphasis is given on applications, concepts and interpretation of results. Students utilize Excel for data analysis.
Prerequisite(s): MSD 205.

BDA 205 Introduction to Visual Data Analytics 3 Credits
This course will equip the students with the fundamental skills to perform visual data analytics. Students will learn how to prepare a dataset for visual analysis, create basic and advanced visualizations using Tableau, and "tell a story" using data visualization. At the completion of the course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience.
Prerequisite(s): CIS 185 and BDA 201.

BDA 355 Business Analytics with Python 3 Credits
Python has become essential for data analysis in recent years. Research shows that Python is the most popular and growing programming language for business analytics mainly because it is flexible, easy to learn, easily accessible due to its open-source nature, and well supported by plenty of useful analytics libraries since it is heavily used in industry and academy. This course provides students with the required knowledge of working with popular Python data analytics libraries such as Pandas, NumPy, Matplotlib, SciPy, and Scikit-Learn as well as basic programming with Python such as Python syntax, data structure, conditional statements, and functions. Some topics covered include data retrieval and manipulation with Pandas (Python's most popular library for data analytics) and SQL, data visualization with Matplotlib, statistical distributions with NumPy, hypothesis testing with SciPy, and multiple regression with Scikit-Learn.
Prerequisite(s): BDA 201.

BDA 398 Business Data Analytics Practicum 3 Credits
This course develops and sharpens the skills needed for a successful career in analytical business consulting, such as analysis, critical thinking, presentation, problem solving, and teamwork. This class will develop skills in each of these areas through discussion of the principles underlying best practices and feedback in a series of applied exercises and cases that will prepare students to obtain and succeed in analytical business consulting problems. The students will analyze the data provided by professionals from experts in the field, and they will present the project at the end of the semester.
Prerequisite(s): BDA 205 and BDA 201; Junior or Senior Standing; Completion of 12 credit hours in business analytics coursework or Permission of Instructor.

BDA 399 The Co-Operative Experience 6 Credits
This Co-Operative Experience will provide Business Analytics majors with supervised employment (approximately four months), where the students will have an opportunity to apply what they have learned in their business analytics and other business classes.
Prerequisite(s): Business Analytics major, Junior or Senior standing, GPA of 3.0 or above.

BDA 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and department chairperson. Available to juniors and seniors.

BDA 491 Business Data Analytics Internship 3 Credits
This Internship course will provide Business Analytics majors students with supervised employment (approximately two months), where the students will have an opportunity to apply what they have learned in their business analytics and other business classes.
Prerequisite(s): Business Analytics major, Junior or Senior standing, GPA of 2.75 or above.

CIS 330 Database Systems 3 Credits
This course involves the study of computer databases. Major topics include relational databases, use of the structured query language (SQL) to query relational databases, and design and maintenance of relational databases.
Prerequisite(s): CIS 185.

CIS 350 Practical Business Analytics with Excel and R 3 Credits
This is a required course for the Business Analytics major/minor. This course will provide the student with an opportunity to gain proficiency in analyzing and visualizing data using both Excel and R. The learning experience includes not only classic data tools, such as PivotTables, VLOOKUP, and data visualization, but also more advanced data tools such as descriptive statistics, inferential statistics, predictive analytics using R, and optimization using Excel Solver.
Prerequisite(s): BDA 201.

CIS 360 Data Mining 3 Credits
This course deals with modern technologies for data analysis. Hands-on exercises for data retrieval, data visualization and predictive analytics will be carried out using up-to-date methodologies and software tools. The full data mining life cycle will be covered from recognizing business problems and opportunities amenable to data mining analysis through deploying and monitoring solutions.
Prerequisite(s): CIS 185 with a minimum grade of D .

Entrepreneurial Studies

Program Overview

Rider entrepreneurial studies (ES) students develop the skills and knowledge needed to become independent, innovative and informed entrepreneurs. Entrepreneurs look at the world differently, and see opportunity where others do not. The programs emphasize practical experience and holistic thinking, encourage students to develop their own business concepts, and enhance analytical skills through experiential classes.

Entrepreneurs and small businesses are the engines for job creation and economic growth. Career opportunities for entrepreneurial students are as boundless as their creativity, imagination and work ethic. Many employers value students with an entrepreneurial attitude and their ability to think outside the box.

The ES program has two key learning objectives. First, encourage entrepreneurial thinking among students. This entails the ability to recognize, evaluate and pursue opportunities. Second, build professional skills relevant for starting and/or managing a venture. These include research, business planning, and understanding functional aspects of small business management and operations.

Student Learning Outcomes:

An Entrepreneurial Studies graduate will demonstrate the ability to:

- Evaluate entrepreneurial opportunities in the marketplace;
- Assess the business viability of an idea using secondary research;
- Use primary research to create a minimum viable product ;
- Articulate how to manage and grow an entrepreneurial venture;
- Create a business plan.

Curriculum Overview

Rider entrepreneurial studies students gain an education in business, plus the skills, attitude and experience needed to create new ventures or revitalize established/family businesses. They learn to identify and understand different types of start-up ventures, how to build and present business concepts, and how to evaluate sources of financing for start-up and other types of ventures.

The program's interdisciplinary format offers the option of double majoring with another business discipline, such as management, marketing, finance, sports management, information systems, and others.

Students also can choose the entrepreneurial studies minor, a four-course program that is paired with a major in the Norm Brodsky College of Business.

Degree Offered

- B.S.B.A. in Entrepreneurial Studies

Contacts

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Program Website: Entrepreneurial Studies (http://www.rider.edu/entrstudies/)

Center for Entrepreneurial Studies Website: Entrepreneurship (http://www.rider.edu/entrepreneurship/)
Associated Department: Department of Management (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/management-leadership/)

Related Programs

- Entrepreneurship Minor (p. 244)

Entrepreneurial Studies Major Requirements

(18 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
Major Requirements		
ENT 100	Innovation and Entrepreneurship	3
ENT 348	Small Business Management	3
Select three of the following, at least one of which must be an ENT-prefixed course:		**9**
BUS 210	Intro to Law: Contracts	
CIS 325	User Experience Design	
or CIS 340	Electronic Commerce	
ENT 210	Sports Entrepreneurship	
ENT 220	Inside The Entrepreneurial Mind	
ENT 260	Family Business Management	
ENT 335	Small Business Tax Planning [1]	
ENT 350/FIN 350	Entrepreneurial Finance	
ENT 375	International Entrepreneurship	
ENT 420	Student Venture Experience	
ENT 444	Special Topics	
ENT 448	Small Business Consulting Sem	
ENT 490	Independent Research and Study	
MGT 310	Intro to Human Resource Mgmt	
or MGT 363	Management Skills	
MKT 250	Retailing Management	
or MKT 320	Consumer Behavior	
One integrative experiential course:		
ENT 410	New Venture Planning	3
Total Credits		**18**

1

Accounting majors double majoring in Entrepreneurial Studies may substitute ACC 410 Fundamentals of Federal Taxation for the ENT 335 requirement.

Notes:

For graduation, students must achieve an overall 2.0 GPA in the major, with no course grade less than "C-".

Students are also encouraged to take ENT 491 Internship and ENT 399 Co-Op as free electives.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [3]	3
Social Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
ENT 100	Innovation and Entrepreneurship [1]	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
Humanities Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
ENT 348	Small Business Management [6]	3
ENT Major Elective [5]		3
Leadership Elective		3
Natural Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385	Management Information Systems	3
or GSC 385	or Management Information Systems for Global Supply Chain Management	
MSD 301	Operations Management	3
ENT Major Elective [5]		3

International Free Elective [5]		3
Free Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BUS 400	Strategic Management and Policy [7]	3
ENT 410	New Venture Planning [7]	3
International Business Elective [5]		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ENT Major Elective		3
Liberal Arts Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185, CBA 110, ENT 100 can be taken in the Fall or Spring of year 1.

3

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

5

Students are required to take 6 credits of International Business Electives, one which can be fulfilled as a major course (ENT 375 International Entrepreneurship) and the other as an elective courses.

6

ENT 348 Small Business Management can taken in the Fall or Spring of Year 3.

7

BUS 400 Strategic Management and ENT 410 New Venture Planning can be taken in the Fall or Spring of Year 4.

Notes:

- Business Honors students will have a different sequence.
- For the Leadership Elective, choose from LDP 200, LDP 220, LDP 398, MGT 355, or MGT 363.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., Internship, Co-op, Study Tour, study abroad, ENT 448, ECO 450.)

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective [2]		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
ENT 100	Innovation and Entrepreneurship [1]	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective [2]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
ENT 348	Small Business Management [5]	3
ENT Major Elective [3]		3
Leadership Elective		3
International Business Elective [4]		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3

CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
International Business Elective [4]		3
ENT Major Elective [3]		3
Free Elective		3
Liberal Arts Elective [2]		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy [6]	3
ENT 410	New Venture Planning [6]	3
ENT Major Elective [3]		3
Free Elective		3
Liberal Arts Elective [2]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Footnotes

1

CIS 185 Information Systems Essentials, ENT 100 Innovation and Entrepreneurship, and CBA 110 Introduction to Business can be taken in the Fall or Spring of Year 1.

2

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

3

From the list of Entrepreneurial Studies Electives.

4

Students are required to take 6 credits of International Business Electives, one which can be fulfilled as a major course (ENT 375 International Entrepreneurship) and the other as an elective courses.

5

ENT 348 Small Business Management can taken in the Spring of Year 2 or Fall of Year 3.

6

BUS 400 Strategic Management and ENT 410 New Venture Planning can be taken in the Fall or Spring of Year 3.

Notes:

- This accelerated plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- For the Leadership Elective, choose from LDP 200, LDP 220, LDP 398, MGT 355, or MGT 363.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., Internship, Co-op, Study Tour, study abroad, ENT 448, ECO 450.)

Courses and Descriptions

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

ENT 210 Sports Entrepreneurship 3 Credits
Sports Entrepreneurship will introduce students to entrepreneurship in the sports industries as they explore opportunities and challenges for new ventures in this sector. Using an industry's business model, students will identify competitive advantages and understand what is required for startup success.

ENT 220 Inside The Entrepreneurial Mind 3 Credits
Inside the Entrepreneurial Mind is not just for Entrepreneurship majors! Whether you're starting your own business or want to succeed in running a division for another firm, you will need to adopt an entrepreneurial mindset. This mindset takes a holistic approach to running a business, realizes that failure is part of the journey and that resilience in overcoming obstacles are necessary skills for success. In this course, students will hear from entrepreneurs and industry leaders as they share their personal experiences, the challenges they've overcome and the paths they've taken to arrive at success in their businesses and careers. Through these entrepreneurial stories, students will be introduced to the skills and strategies that will help them overcome challenges in both their careers and personal lives. Available to undergraduate Sophomores, Juniors, and Seniors.

ENT 260 Family Business Management 3 Credits
This course is directed at understanding the family-owned and managed firm. Topics included are the strengths and weaknesses of a family firm, the dynamics of the family and business interactions, conflict resolution, succession planning and ownership transfer. The course will help individuals involved with a family firm, regardless if they are a family member.
Prerequisite(s): MGT 201 and junior standing.

ENT 335 Small Business Tax Planning 3 Credits
This course provides an understanding of the key tax issues faced by small businesses and their business implications. It also familiarizes prospective business owners with various tax filing requirements so that they can use the expertise of tax professionals more effectively.
Prerequisite(s): ACC 210.

ENT 348 Small Business Management 3 Credits
This course provides students with an introduction to ownership/management in the world of small business as well as an understanding of what is needed to start/buy/sell a small business. In addition, the course endeavors to help students move from a consumer orientation to a producer orientation, and to learn project management and research skills through participation in a hands-on project. The project has students investigate the market potential of an innovative business concept, and then use this research to evaluate the business concept as an entrepreneurial opportunity.

ENT 350 Entrepreneurial Finance 3 Credits
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.
Prerequisite(s): FIN 300.

ENT 375 International Entrepreneurship 3 Credits
Students will learn how new or small ventures enter international markets. Requirements include developing a case about starting or running a venture in a single country of the student's choice.
Prerequisite(s): MGT 201 and junior standing.

ENT 399 Entrepreneurship Co-Op 6 Credits
This course provides students with a semester-long supervised employment with an entrepreneurial firm/organization. Students are required to maintain a journal, complete a reflection paper and are evaluated by the participating firm/organization. Eligible students are entrepreneurial studies juniors or seniors with a 3.0 GPA or better. Co-op credits count as free electives. Grading is on a pass/fail basis.
Prerequisite(s): ENT 348 or permission of program director.

ENT 410 New Venture Planning 3 Credits
This course will require students to select a business and prepare a complete new venture plan for it. This plan would identify the product and its target market, analyze its market potential, choose the location, scale of operation, layout, staffing, type of financing, estimate the revenues and profits, and present the income statement, balance sheet, and the cash flow projections.
Prerequisite(s): ENT 348 or permission of instructor.

ENT 420 Student Venture Experience 3 Credits
Students will start and run a small business while under the supervision and guidance of faculty. Students will take a business plan developed through New Venture Planning (ENT 410) and execute it. Students will experience the launch process and learn, hands on, how to adapt to the marketplace. Some businesses started in this class may also be eligible for seed venture funding from Rider.
Prerequisite(s): ENT 348, ENT 410, and permission of instructor.

ENT 444 Special Topics 3 Credits

ENT 448 Small Business Consulting Sem 3 Credits
This course utilizes student teams to assist existing small businesses in solving problems or researching opportunities. Students will spend the majority of time in the field utilizing an experiential learning approach. Weekly activity logs, proposal development, and project completion are required. Restricted to seniors.
Prerequisite(s): ENT 348 and permission of instructor.

ENT 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and program chairperson. Available to juniors and seniors.

ENT 491 Internship 3 Credits

Entrepreneurship Minor

Program Overview

Rider students wishing to take a minor in entrepreneurship will develop the skills and know-how they need to become independent, innovative and informed entrepreneurs. The minor emphasizes practical experience and holistic thinking, encourages students to develop their own business concepts, and enhances analytical skills through experiential classes.

For students in the arts, sciences, business, or education who may want to start or have a significant role in a business, based on their skills and talents, the minor in entrepreneurship can help you reach your dream.

Entrepreneurs and small businesses are the engines for job creation and economic growth. Career opportunities for entrepreneurship students are as boundless as their creativity, imagination and work ethic. Many employers value students with an entrepreneurial attitude and their ability to think outside the box.

The entrepreneurship minor has two key learning objectives. First, to encourage entrepreneurial thinking among students. This entails the ability to recognize, evaluate and pursue opportunities. Second, to build professional skills relevant for starting and managing a venture. These include research, business planning, and understanding functional aspects of small business management and operation.

Rider entrepreneurship students gain an education in business, plus the skills, attitude and experience needed to create new ventures or revitalize established/family businesses. They learn to identify and understand different types of start-up ventures, how to build and present business concepts, and how to evaluate sources of financing for start-up and other types of ventures.

Minor Offered

- Minor in Entrepreneurship

Contacts

Dr. Ronald Cook
Professor
Sweigart Hall 236
609-895-5522
cookr@rider.edu

Program Website: Entrepreneurial Studies (http://www.rider.edu/entrstudies/)
Center for Entrepreneurial Studies Website: Entrepreneurship (http://www.rider.edu/entrepreneurship/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/management-leadership/)

Related Programs

- Entrepreneurial studies major (p. 240)

Entrepreneurship Minor Requirements

Available to both business and non-business majors

(18 credits)

Code	Title	Credits
Business Core Requirements		**102**
See Business Core Requirements (p. 573)		
ACC 210	Introduction to Accounting [1]	3
ENT 100	Innovation and Entrepreneurship	3
ENT 348	Small Business Management	3
MGT 201	Fund Management & Org Behavior [1]	3
Select two of the following:		**6**

ENT 210	Sports Entrepreneurship
ENT 220	Inside The Entrepreneurial Mind
ENT 260	Family Business Management
ENT 335	Small Business Tax Planning [2]
ENT 375	International Entrepreneurship
ENT 410	New Venture Planning
ENT 420	Student Venture Experience
ENT 444	Special Topics
ENT 448	Small Business Consulting Sem
ENT 490	Independent Research and Study
Total Credits	**120**

1

For business students, this course is already part of the CBA core curriculum.

2

Accounting majors may substitute ACC 410 for this course.

Courses and Descriptions

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

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ENT 220 Inside The Entrepreneurial Mind 3 Credits
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Prerequisite(s): MGT 201 and junior standing.

ENT 335 Small Business Tax Planning 3 Credits
This course provides an understanding of the key tax issues faced by small businesses and their business implications. It also familiarizes prospective business owners with various tax filing requirements so that they can use the expertise of tax professionals more effectively.
Prerequisite(s): ACC 210.

ENT 348 Small Business Management 3 Credits
This course provides students with an introduction to ownership/management in the world of small business as well as an understanding of what is needed to start/buy/sell a small business. In addition, the course endeavors to help students move from a consumer orientation to a producer orientation, and to learn project management and research skills through participation in a hands-on project. The project has students investigate the market potential of an innovative business concept, and then use this research to evaluate the business concept as an entrepreneurial opportunity.

ENT 350 Entrepreneurial Finance 3 Credits
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.
Prerequisite(s): FIN 300.

ENT 375 International Entrepreneurship 3 Credits
Students will learn how new or small ventures enter international markets. Requirements include developing a case about starting or running a venture in a single country of the student's choice.
Prerequisite(s): MGT 201 and junior standing.

ENT 399 Entrepreneurship Co-Op 6 Credits
This course provides students with a semester-long supervised employment with an entrepreneurial firm/organization. Students are required to maintain a journal, complete a reflection paper and are evaluated by the participating firm/organization. Eligible students are entrepreneurial studies juniors or seniors with a 3.0 GPA or better. Co-op credits count as free electives. Grading is on a pass/fail basis.
Prerequisite(s): ENT 348 or permission of program director.

ENT 410 New Venture Planning 3 Credits
This course will require students to select a business and prepare a complete new venture plan for it. This plan would identify the product and its target market, analyze its market potential, choose the location, scale of operation, layout, staffing, type of financing, estimate the revenues and profits, and present the income statement, balance sheet, and the cash flow projections.
Prerequisite(s): ENT 348 or permission of instructor.

ENT 420 Student Venture Experience 3 Credits
Students will start and run a small business while under the supervision and guidance of faculty. Students will take a business plan developed through New Venture Planning (ENT 410) and execute it. Students will experience the launch process and learn, hands on, how to adapt to the marketplace. Some businesses started in this class may also be eligible for seed venture funding from Rider.
Prerequisite(s): ENT 348, ENT 410, and permission of instructor.

ENT 444 Special Topics 3 Credits

ENT 448 Small Business Consulting Sem 3 Credits
This course utilizes student teams to assist existing small businesses in solving problems or researching opportunities. Students will spend the majority of time in the field utilizing an experiential learning approach. Weekly activity logs, proposal development, and project completion are required. Restricted to seniors.
Prerequisite(s): ENT 348 and permission of instructor.

ENT 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and program chairperson. Available to juniors and seniors.

ENT 491 Internship 3 Credits

Finance

Program Overview

The Finance major combines practical classroom training with internship opportunities to prepare students for a professional business career. Rider Finance majors find careers regionally and globally in business, industry, government service, and the non-profit sector. Career paths of our finance graduates include portfolio manager, financial analyst, banker, financial advisor, corporate financial manager, credit analyst, financial consultant and more.

Student Learning Outcomes

A Finance graduate will demonstrate the ability to:

- Compare and contrast the characteristics, features and uses of financial instruments from the corporate, investor and government perspectives;
- Compute the value of stocks, bonds and other financial securities using the appropriate valuation models;
- Calculate the returns and degree of risk associated with widely used investment strategies;
- Perform capital budgeting and other decision-making analyses in order to solve financial problems;
- Interpret the structure of financial markets and evaluate the role and functions of financial institutions within them.

Curriculum Overview

Rider offers three main areas of specialization within the Finance major. All programs lead to nationally recognized professional credentials that align with student career goals and demonstrate competency in the industry.

For students interested in pursuing a career in Financial Advising we offer a Concentration in Private Wealth Management (p. 270). This program prepares students to take the Securities Industry Essentials (SIE) exam that is now part of the Series 7 exam prior to graduation.

The Concentration in Investment Analysis (p. 270) prepares students for a variety of careers in investments and corporate finance. The program includes courses for students who plan to take the Chartered Financial Analyst ® (CFA) Level 1 Exam.

The Concentration in Financial Management (p. 270) helps prepare students to take the Certified Management Accounting (CMA) examinations. This certification can be very worthwhile for those who intend to enter careers in Corporate Finance.

There are many options that can meet your specific needs: highly motivated students with multiple interests may specialize in two or more finance concentrations or double major (e.g., Business Analytics is a valuable supplement to Finance). Alternatively, students may choose a well-rounded exposure to the many facets of financial decision making and forego any specific concentration.

Non-business majors can minor in Finance. Students can receive a non-business degree and at the same time acquire considerable business knowledge and skills from our Finance minor (p. 270).

Degree Offered

- B.S.B.A. in Finance

Contact

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

Program Website: Finance
Associated Department/College: Norm Brodsky College of Business

Related Programs

- Accounting (p. 19)
- Business Analytics (p. 97)

Finance Major Requirements

(18 credits)

Students must achieve a grade of "C-" or better in FIN 220 Introduction to Finance to be entered into the Finance major program.

In addition to the requirements below, students must select one area of concentration (p. 270) to complete.

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
Major Requirements		
FIN 307	Financial Markets & Institutions	3
FIN 309	Intermediate Corporate Finance	3
FIN 312	Investments	3
Three upper level FIN electives (300-400 level), excluding FIN 491 Finance Internship and FIN 399 Finance Co-op.		9
Total Credits		**18**

Students must achieve a grade of at least "C-" in each of the major courses with a minimum GPA of 2.0 in the major. Finance concentrations have stricter requirements that are designed to assist you in identifying the correct path within the discipline.

Finance Minor Requirements

(Available to all non-business majors)

(18 credits)

Code	Title	Credits
ACC 210	Introduction to Accounting	3
ECO 201	Principles of Microeconomics	3
FIN 220	Introduction to Finance	3
Select three of the following:		9
FIN 305	Personal Financial Planning	
FIN 307	Financial Markets & Institutions	
FIN 308	International Finance	
FIN 309	Intermediate Corporate Finance	
FIN 312	Investments	
FIN 315	Financial Modeling	
FIN 350	Entrepreneurial Finance	
FIN 360	Fixed Income and Derivatives	
FIN 370	Financial Analysis and Ethics	
FIN 405	Private Wealth Management	
Total Credits		**18**

Students must achieve a minimum 2.0 GPA in the minor with no course grade below a "C-."

Finance Concentrations

Concentration in Private Wealth Management (p. 270)

Concentration in Investment Analysis (p. 270)

Concentration in Financial Management (p. 271)

Concentration in Private Wealth Management

(21 credits)

The Concentration in Private Wealth Management (PWM) prepares students for a career as a Financial Advisor. The course sequence will provide a foundation for students to take the Securities Industry Essentials (SIE) (https://www.finra.org/industry/essentials-exam/) exam during their senior year prior to graduation. The SIE is a portion of the Series 7 exam required by all brokerages and advisory firms and is the entry-level credential that all financial advisors must earn in order to advance in their career in Finance. Students will undergo frequent benchmark testing through their finance courses, assessing necessary knowledge and thinking to achieve mastery. (A double major or minor in Business Analytics (p. 97) is a recommended complement. Students who are sales-oriented may consider the concentration in Financial Services Marketing.)

Admission
This program is only available to Rider undergraduate Norm Brodsky College of Business students majoring in Finance. With the exception of Finance-Accounting double majors, all Finance majors with a GPA of 2.50 who have completed 30 credits are automatically enrolled in the Concentration in PWM. Transfer students entering with 30 credits are automatically enrolled in PWM during their first semester.

Finance-Accounting double majors are permitted to enroll in this concentration at their discretion. Students can switch to or add the concentration in Financial Management, if desired, after earning 30 credits. Students may "opt-out" of having a concentration with permission of the Department Chair.

Graduation Requirement
A minimum cumulative GPA of 2.50 at graduation and a minimum grade of C is necessary in each of the following courses:

Code	Title	Credits
ACC 210	Introduction to Accounting	3
ACC 220	Managerial Uses of Accounting	3
FIN 220	Introduction to Finance	3
FIN 305	Personal Financial Planning	3
FIN 307	Financial Markets & Institutions	3
FIN 312	Investments	3
FIN 405	Private Wealth Management	3
Total Credits		**21**

For information on the Concentration in Private Wealth Management please contact:

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

Concentration in Investment Analysis

(15 credits)

This program prepares students for a variety of careers in investments and corporate finance. By taking the required courses for the program, participants will receive in-depth training involving investment tools, valuation of assets, and management of investments that will position them to enter the fields of security analysis and portfolio management. Although the focus of the program is on investments, the knowledge that participants gain from the required courses is highly valued in other finance fields such as financial planning and treasury management. (A double major or minor in Business Analytics is a recommended complement).

This program is also designed to prepare students for the Chartered Financial Analyst (CFA) Level 1 Exam (https://www.cfainstitute.org/programs/cfa/exam/level-i/). The CFA designation is globally recognized by employers and investment professionals. The content of the required courses for the concentration, along with the other required courses for a business undergraduate degree, cover a significant portion of the CFA Level 1 Exam curriculum.

Admission
Rider undergraduate Norm Brodsky College of Business students majoring in Finance or double-majoring in Finance may apply for this concentration after completing 60 credits. Students enrolled in the Concentration in Private Wealth Management are encouraged to add this second program if they meet the following criteria:

- minimum cumulative GPA of 3.25
- minimum grade of "B" in FIN 220

Code	Title	Credits
Required Courses for the Concentration:		
FIN 309	Intermediate Corporate Finance	3
FIN 312	Investments	3
FIN 360	Fixed Income and Derivatives	3

FIN 370	Financial Analysis and Ethics [1]	3
FIN 405	Private Wealth Management	3
Total Credits		**15**

1

Students who are a double major in Finance and Accounting are permitted to waive FIN 370.

Graduation Requirement:

Students must have a minimum GPA of 3.25 in the 15 semester hours of required coursework and a minimum cumulative GPA of 3.25 in order to successfully complete the program.

For information on the Concentration in Investment Analysis please contact:

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

Concentration in Financial Management

(12-15 credits)

This program prepares Finance majors for careers in Corporate Finance that combine skills in both finance and accounting. Corporate Finance is used by both financial and non-financial firms, and by investment banks that help firms raise capital. The program is also designed to prepare students for the Certified Management Accountant (CMA) (https://www.imanet.org/cma-certification/?ssopc=1) examinations that students are encouraged to complete prior to graduation. This credential is valued in a number of careers relating to both Corporate Finance and Accounting. (A double major or minor in Business Analytics (p. 97) is a recommended complement.)

Admission

Rider undergraduate Norm Brodsky College of Business students majoring in Finance or any other business discipline excluding Accounting majors may choose this program after completing 30 credits and a minimum cumulative GPA of 2.50.

Graduation Requirement

A minimum cumulative GPA of 2.50 at graduation and a minimum grade of C is necessary in each of the following courses:

Code	Title	Credits
Required Courses:		
ACC 302	Cost Management	3
FIN 309	Intermediate Corporate Finance	3
FIN 315	Financial Modeling	3
FIN 370	Financial Analysis and Ethics [1]	3
Total Credits		**12**

1

The FIN 370 course requirement can be satisfied by completion of both ACC 310 and ACC 311.

For information on the Financial Management Concentration please contact:

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

4-Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
ACC 210	Introduction to Accounting	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 110	Business in Action [1]	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Liberal Arts Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CBA 212	Business Communications	3
COM 290	Professional/Strategic Speech	3
MKT 200	Marketing Principles	3
FIN 305	Personal Financial Planning	3
Liberal Arts Elective [3]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
FIN 307	Financial Markets & Institutions [5]	3
FIN 312	Investments [5]	3
MGT 355	Team Management (or MGT 363 or LDP 200 or IND 398)	3

Liberal Arts Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
FIN 309	Intermediate Corporate Finance [5]	3
MSD 301	Operations Management	3
Liberal Arts Elective [3]		3
Free Elective [4]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BUS 400	Strategic Management and Policy	3
FIN Major Elective (International Business) [4]		3
Free Elective [4]		3
Free Elective [4]		3
Free Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
FIN Major Elective [4]		3
Free Elective (International Business) [4]		3
Free Elective [4]		3
Free Elective [4]		3
Free Elective [4]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses (FIN 308) or free electives.

5

FIN 307 Financial Markets and Institutions, FIN 309 Intermediate Corporate Finance, and FIN 312 Investments can be taken in Fall or Spring of Year 3 or Year 4. Finance majors with a Concentration may be able to take FIN 305 during the Spring of Year 2.

3-Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
ACC 210	Introduction to Accounting	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
MKT 200	Marketing Principles	3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 110	Business in Action	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
Liberal Arts Elective		3
Liberal Arts Elective		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Liberal Arts Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
CBA 212	Business Communications	3
FIN 309	Intermediate Corporate Finance	3
FIN 312	Investments	3
Liberal Arts Elective		3
Free Elective		3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
FIN 307	Financial Markets & Institutions	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3

CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MSD 301	Operations Management	3
Free Elective		3
Free Elective		3
Major Course Elective *		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
Free Elective		3
Int'l Business Elective *		3
Major Course Elective *		3
Major Course Elective *		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

*

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major course elective (FIN 308 International Finance) or free elective courses.

Notes:

- This accelerated plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.
- Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, FIN 399 or FIN 491).

Courses and Descriptions

FIN 200 Managing Your Money 3 Credits

An introduction to the analysis of a wide range of financial decisions which individuals encounter over their careers and lifetime. Topics include financial goals, tax planning, home ownership versus renting, consumer credit, money management and investments, and managing risk with insurance. This course is open to all Rider students, and it counts as a free elective or a business elective. It cannot be used as finance elective.

FIN 220 Introduction to Finance 3 Credits

An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.

Prerequisite(s): ACC 210 and ECO 201.

FIN 305 Personal Financial Planning 3 Credits

This course focuses on practical issues and problems involving personal financial planning, budgeting, use of credit and banking regulations, behavioral finance and investments, tax planning, education and retirement planning. Other topics to be covered include: risk exposure identification and mitigation, legal aspects of insurance, insurance policy needs analysis and selection. Students will gain practical knowledge of various types of insurance, including: life insurance, property and casualty insurance, health and disability insurance. An important objective of the course is to provide the student with the tools that are utilized in making personal financial decisions and how to apply those tools for a variety of financial needs. Students will be introduced to the financial planning process and how to analyze and prepare financial planning statements. Students will be expected to present 2 group case studies as part of the course.

Prerequisite(s): FIN 220.

FIN 307 Financial Markets & Institutions 3 Credits

This course provides an introduction to the organization and behavior of financial markets and institutions in the economy. The factors determining security prices and interest rates in the money and capital markets are analyzed. An overview of all major financial institutions is presented. In addition, market returns, the regulatory environment, and monetary policy are examined.

Prerequisite(s): FIN 220 or concurrent with FIN 220.

FIN 308 International Finance 3 Credits

Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.

Prerequisite(s): FIN 220.

FIN 309 Intermediate Corporate Finance 3 Credits

This course builds on and extends the concepts of financial management learned in FIN 220. The course examines long-term corporate financing and investment decisions and how those decisions interface with each other. Topics covered include: cost of capital, financial planning and analysis, capital budgeting, capital structure and dividend policy.

Prerequisite(s): FIN 220.

FIN 312 Investments 3 Credits

The fundamentals of investing in stocks, bonds, and other negotiable instruments are covered. Major topics include trading on securities markets, mutual funds, international investing, margin accounts, short sales, determinants of securities prices, and investment risks. Stock options, financial futures, convertible securities, and implications of taxes on investment decisions are also discussed.

Prerequisite(s): FIN 220.

FIN 315 Financial Modeling 3 Credits

Provides instruction in computer use beyond what is available in other finance courses. Topics include more sophisticated applications of computers in financial management, investments, and other areas of finance and business. Students work on cases and projects which require more advanced usage of spreadsheets and other software and databases.

Prerequisite(s): CIS 185 and FIN 220.

FIN 330 Corporate Cash Management 3 Credits

This course is designed for business students seeking an understanding of modern principles and techniques for corporate treasury management. The course material is useful for finance, accounting, and banking professionals or small business owners. Topics include analysis of liquidity and solvency, credit and accounts receivable management, cash collection and disbursement systems, short-term investment and borrowing, management of treasury information and technology, multi-national cash management, and other related topics.

Prerequisite(s): FIN 220.

FIN 340 Risk Management 3 Credits

This course examines the risk management process as applied to the firm as a whole. It integrates the management of all risks facing the firm: strategic, financial, hazard, and operational. Techniques for identifying risk, measuring and analyzing it, and selecting an appropriate treatment will be explored.

Prerequisite(s): FIN 220.

FIN 350 Entrepreneurial Finance 3 Credits

This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.

Prerequisite(s): FIN 220.

FIN 360 Fixed Income and Derivatives 3 Credits

This course centers on the quantitative portion of the Chartered Financial Analyst (CFA) level 1 curriculum, which includes materials on fixed-income risk and return, fundamentals of risk analysis, derivative instruments and risk management applications of option strategies. The goal is to help students prepare for the exam, as well as introduce them to a variety topics in finance.

Prerequisite(s): FIN 312.

FIN 370 Financial Analysis and Ethics 3 Credits

This course covers the topics of financial reporting and analysis and related ethical issues. The course would benefit students interested in augmenting their ability to understand, analyze and apply the information in financial statements. It provides essential knowledge for students seeking either the Certified Management Accountant (CMA) or Chartered Financial Analyst (CFA) certifications. Specifically, the course covers the Ethics and Professional Standards of the CFA curriculum, and materials on financial reporting quality and financial statement analysis for the CFA level 1 exam. Course goals are to help students prepare for the certification exams, as well as introduce all interested students to a variety of topics in financial analysis and ethics.

Prerequisite(s): FIN 312 or POI.

FIN 380 Real Estate 3 Credits

Real estate finance and related subjects in real estate are examined. Topics include measuring cash flows and taxes, valuation methods for real estate investment decisions, location and value in real estate, home ownership, legal matters, and financing methods and techniques.

Prerequisite(s): FIN 220.

FIN 399 The Co-Operative Experience 6 Credits

The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their finance and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full¬ time employees. Eligible students include finance majors with at least junior status, a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in any finance coursework completed prior to the submission of the co-op application. Co-op credits can be applied toward business or free elective requirements but not toward finance elective requirements for majors. Grading is on a pass/fail basis.

Prerequisite(s): FIN 220.

FIN 405 Private Wealth Management 3 Credits

This course utilizes the Chartered Financial Analyst (CFA) curriculum and focuses on private asset management for high-net-worth investors. A wide range of topics including managing individual investor portfolios, taxes, estate planning, concentrated single-asset positions and individual risk management will be covered via lecture discussions. The main objective for the course is to help students develop the skills for a career in wealth management.

Prerequisite(s): FIN 305.

FIN 412 Investment Analysis 3 Credits

Real-world application of the concepts and techniques of investment analysis and portfolio theory introduced in FIN 312 (http://catalog.rider.edu/search/?P=FIN%20312). Students interact with and make recommendations to professional portfolio managers. Topics include analysis and forecasts of business conditions, market interest rates, international opportunities, and corporate profits. Emphasis is placed on the valuation of securities, stock selection, investment timing, technical analysis, and management of portfolio risk with options, futures, and other tools.

Prerequisite(s): FIN 312 or permission of instructor.

FIN 469 Special Topics in Finance 3 Credits

This course is occasionally offered, with the topics and prerequisites set by the finance program.

FIN 490 Independent Study: Research and Creative Expression 3 Credits

Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation. This course can be used as a

business or free elective, but with prior approval it can also be used as finance elective.

FIN 491 Finance Internship 1-3 Credits

The internship offers qualified junior and senior finance majors supervised employment with participating companies. The internship may be taken during the fall or spring semester or during the summer session. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a term paper that will be reviewed by the major's internship director. Internship credits can be applied toward business or free elective requirements but not toward finance elective requirements for majors. Grading is on a pass/fail basis.

Prerequisite)s): permission of instructor.

Finance Minor for Non-business Majors

Program Overview

The finance minor is designed to meet the needs of students who have a variety of career goals. For many types of jobs, it is essential that one understands the process of financial decision-making and the environment in which those decisions take place. To provide this understanding, the minor program consists of a well-rounded course of study in principles of macroeconomics, personal financial planning, management, entrepreneurial finance and other related courses.

This program is offered to all non-business students.

Minor Offered

- Minor in Finance

Contact

Jason Chiu, Ph.D., CFA
Associate Professor and Chairperson
609-896-5299
Sweigart Hall 262
cchiu@rider.edu

Program Website: Finance (http://www.rider.edu/finance/)
Associated Department/College: Norm Brodsky College of Business

Related Programs

- Accounting (p. 19)
- Entrepreneurial studies (p. 240)

Finance Minor for Nonbusiness Majors Requirements

This minor is available to all non-business majors.

(18 credits)

Code	Title	Credits
ACC 210	Introduction to Accounting	3
ECO 201	Principles of Microeconomics	3
FIN 220	Introduction to Finance	3
Select three of the following:		9
FIN 305	Personal Financial Planning	
FIN 307	Financial Markets & Institutions	
FIN 308	International Finance	
FIN 309	Intermediate Corporate Finance	
FIN 312	Investments	
FIN 315	Financial Modeling	
FIN 350	Entrepreneurial Finance	
FIN 360	Fixed Income and Derivatives	
FIN 370	Financial Analysis and Ethics	
FIN 405	Private Wealth Management	
Total Credits		**18**

Students must achieve a minimum 2.0 GPA in the minor with no course grade below a "C-."

Note: Students must achieve a minimum 2.0 GPA in the minor with no course grade below a "C-".

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

FIN 305 Personal Financial Planning 3 Credits
This course focuses on practical issues and problems involving personal financial budgeting, use of credit, selection of banking services, insurance needs, real estate, investments, tax planning, and retirement planning. An important objective of the course is to provide the student with the tools that are utilized in making personal financial decisions and how to apply those tools for a variety of financial needs.
Prerequisite(s): FIN 220.

FIN 307 Financial Markets & Institutions 3 Credits
This course provides an introduction to the organization and behavior of financial markets and institutions in the economy. The factors determining security prices and interest rates in the money and capital markets are analyzed. An overview of all major financial institutions is presented. In addition, market returns, the regulatory environment, and monetary policy are examined.
Prerequisite(s): FIN 220.

FIN 309 Intermediate Corporate Finance 3 Credits
This course builds on and extends the concepts of financial management learned in FIN 220. The course examines long-term corporate financing and investment decisions and how those decisions interface with each other. Topics covered include: cost of capital, financial planning and analysis, capital budgeting, capital structure and dividend policy.
Prerequisite(s): FIN 220.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

FIN 312 Investments 3 Credits
The fundamentals of investing in stocks, bonds, and other negotiable instruments are covered. Major topics include trading on securities markets, mutual funds, international investing, margin accounts, short sales, determinants of securities prices, and investment risks. Stock options, financial futures, convertible securities, and implications of taxes on investment decisions are also discussed.
Prerequisite(s): FIN 220.

FIN 315 Financial Modeling 3 Credits
Provides instruction in computer use beyond what is available in other finance courses. Topics include more sophisticated applications of computers in financial management, investments, and other areas of finance and business. Students work on cases and projects which require more advanced usage of spreadsheets and other software and databases.
Prerequisite(s): CIS 185 and FIN 220.

FIN 350 Entrepreneurial Finance 3 Credits
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.
Prerequisite(s): FIN 220.

FIN 405 Private Wealth Management 3 Credits
This course utilizes the Chartered Financial Analyst (CFA) curriculum and focuses on private asset management for high-net-worth investors. A wide range of topics including managing individual investor portfolios, taxes, estate planning, concentrated single-asset positions and individual risk management will be covered via lecture discussions. The main objective for the course is to help students develop the skills for a career in wealth management.
Prerequisite(s): FIN 305.

FIN 412 Investment Analysis 3 Credits
Real-world application of the concepts and techniques of investment analysis and portfolio theory introduced in FIN 312. Students interact with and make recommendations to professional portfolio managers. Topics include analysis and forecasts of business conditions, market interest rates, international opportunities, and corporate profits. Emphasis is placed on the valuation of securities, stock selection, investment timing, technical analysis, and management of portfolio risk with options, futures, and other tools.
Prerequisite(s): FIN 312 or permission of instructor.

Fraud and Business Forensics Certificate

Program Overview

The Business Forensics certificate is designed to prepare students for a career in the field of fraud investigation and forensics. The curriculum encompasses fraud examinations, financial investigations, the psychology of white-collar crime, forensic interrogations and evidence management, and presentation for civil and criminal trials. A variety of teaching tools are employed including case studies, mock investigations, mock trials, guest speakers and professionals who are experts in their areas.

The program offers a track in either Accounting or Information Systems.

Admission

Current undergraduate Norm Brodsky College of Business students may choose a certificate in Fraud and Business Forensics. Students who want to declare this certificate should do so through the Norm Brodsky College of Business Dean's Office in Sweigart Hall one semester prior to beginning coursework.

Degree Offered

- Certificate in Fraud and Business Forensics

Contact

Marge O'Reilly-Allen, PhD, CPA
Associate Professor
Sweigart Hall 350
609-895-5505
oreillyallen@rider.edu

Program Website: Fraud and Business Forensics Certificate (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-majors-programs/accounting-0/)
Associated Department: Department of Accounting

Fraud and Business Forensics Requirements

(12 credits)

A certificate in Fraud and Business Forensics consists of four courses that can be completed as part of the undergraduate Accounting or Information Systems program. The certificate prepares students for a career in the field of fraud investigation and forensics by providing skills and tools to both prevent fraud from occurring and discovering fraud after it has occurred.

Code	Title	Credits
Required Courses		
ACC 321	Internal Auditing	3
ACC 325	Fraud Examination and Business Forensics	3
ACC 450	Business Forensic Application	3
Tracks		
Select one of the following Tracks:		**3**
Accounting Track		
ACC 320	Accounting Info Systems	
or ACC 400	Principles of Auditing	
Information Systems Track		

CIS 370	Systems Analysis and Design Project	
Total Credits		**12**

Students must achieve a minimum 2.5 GPA in the coursework required for the certificate, with no grade lower than a "C" in any course in the certificate.

Courses and Descriptions

ACC 320 Accounting Info Systems 3 Credits
This course provides an introduction to accounting information systems and enterprise-wide, process-focused information systems. Topics include quality of data for decision usefulness, internal control concepts and documentation tools, and database theory and applications.
Prerequisite(s): ACC 220 and CIS 185.

ACC 321 Internal Auditing 3 Credits
This course provides an introduction to the internal audit profession, including understanding the nature and activities associated with the internal audit process. Topics include: international auditing standards, risk assessment including internal control system evaluation, business processes, and the relationship of management and employee fraud to the internal audit process.
Prerequisite(s): ACC 220.

ACC 325 Fraud Examination and Business Forensics 3 Credits
This course provides an introduction to the prevalence of fraud in all forms of business, including the many methods used by employees and managers to perpetrate fraud. Topics include: the motivation of individuals to commit fraud, various types of fraud schemes perpetrated in the workplace, as well as the various tools and techniques that are used to investigate, detect and prevent fraud.
Prerequisite(s): ACC 210.

ACC 400 Principles of Auditing 3 Credits
This course provides an introduction to financial statement audits performed by certified public accountants. Topics include corporate governance, the audit environment, professional standards, audit methodology, and audit report preparation. The course also provides an overview of other types of assurance and non-assurance services provided by CPA firms.
Prerequisite(s): (ACC 310 with a minimum grade of C- or ACC 310P with a minimum grade of C-) or VL02 with a score of WV.

ACC 450 Business Forensic Application 3 Credits
This course provides an opportunity to perform complex investigative cases and analyses, thus demonstrating mastery of the knowledge and skills required to be effective forensic professionals. The course covers how to manage and present digital and technical evidence gathered for forensic litigation cases, including the ability to be an expert witness in court.
Prerequisite(s): ACC 325 and ACC 321.

CIS 370 Systems Analysis and Design Project 3 Credits
Topics include modeling techniques and methodologies to address the planning, analysis, design, and implementation of high quality systems, delivered on time and within budget. Using rapid application development tools, students will also construct an operational system within the span of a single semester. Issues and tools related to the management of project teams are also discussed.
Prerequisite(s): CIS 330.

General Business for Non-business Majors

Program Overview

Available to all non-business majors, the General Business minor at Rider University provides students an understanding of the language and basic concepts of business. A minor in business administration can complement any major and may expand career opportunities. Students outside of the CBA can augment their understanding of business by joining business clubs, such as DAARSTOC (http://www.rider.edu/academics/colleges-schools/college-business-administration/clubs-organizations/daarstoc/), and participate in club events like the Accounting Society's guest speakers' nights.

Curriculum Overview

Students will learn foundational knowledge in business, including the fundamentals of economics and core concepts in financial accounting, management, finance and marketing. In addition, students will understand the legal environment in which business operates.

Degree Awarded:

- Minor in General Business

Contact

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Program Website: www.rider.edu/generalbusiness (http://www.rider.edu/generalbusiness/)
Associated Department: Norm Brodsky College of Business (p. 570)

General Business Minor Requirements

Available to all non-business majors

(24 credits)

Code	Title	Credits
MSD 105	Quantitative Methods for Business	3
or MTH 102	Finite Mathematics	
or MTH 105	Algebra and Trigonometry	
or MTH 210	Calculus I	
Select one of the following:		3
MSD 205	Business Statistics	
MTH 120	Introduction to Applied Statistics	
ENV 200	Statistical and Computer Applications in the Natural Sciences	
PSY 201	Statistics and Research Design	
BNS 250	Biostatistics	
MTH 340	Probability & Statistical Analysis I	
ACC 210	Introduction to Accounting	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
BUS 300	The Legal and Ethical Environment of Business	3

FIN 220	Introduction to Finance	3
Total Credits		**24**

A minimum of six courses must be taken in business administration and students must achieve a minimum GPA of 2.0 in the minor.

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

BUS 300 The Legal and Ethical Environment of Business 3 Credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered.
Prerequisite(s): 54 credits.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

MTH 120 Introduction to Applied Statistics 3 Credits
Collection and presentation of data. Measures of location and variation, sampling theory, hypothesis testing, confidence intervals, t-tests, chi-square tests, regression, and correlation. Emphasizes practical applications. Not open to business administration, chemistry, environmental, geosciences, marine sciences, math or liberal studies: marine ecological or environmental emphasis majors.
Prerequisite(s): MTH 102 or MTH 105.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of “C” in PSY 105.

Global Supply Chain Management

Program Overview

Rider's award-winning global supply chain management program prepares students for one of the most in-demand specializations in today's business world.

Consistently honored as one of the top curriculums of its kind in the nation by research firm Gartner Inc., the GSCM program equips students with the skills and experiences needed for a career in the exciting field of global supply chain management.

Through every phase of a product's life cycle, global supply chain management professionals ensure that customers get the products and services they need and want — faster, better and more cost-effectively — from across town or around the world. They play a critical role to the successful functioning of businesses, healthcare, nonprofit agencies and governments.

Student Learning Outcomes

At the completion of the Global Supply Chain (GSC) Management degree, a GSC major will demonstrate the ability to:

- Apply knowledge of the components of global supply chains to address real world supply chain management (SCM) trade-offs and management problems.
- Develop appropriate SCM operating strategies.
- Recognize how organizations operate to comply with regional and international governing laws and cultural norms that affect the conduct of business.
- Develop SCM policies and procedures based on research.
- Apply SCM methods and concepts to real world problems through experience acquired in a required co-op or internship in SCM.

Curriculum Overview

Rider's interdisciplinary global supply chain management program combines theory and practice with hands-on internship and mentoring experiences to provide students with an understanding of the important role of supply chain management in domestic and international business.

Faculty include professors with expertise in supply chain management and logistics, information systems, marketing, international business and management science, as well as supply chain professionals from private industry and non-profits. Students learn the many dimensions of supply chain networks that businesses use to acquire, produce, and deliver goods and services across the global marketplace. They also gain skills that prepare them for success in this fast-growing field

Degree Offered

- B.S.B.A. in Global Supply Chain Management

Certificates Offered

- Certificate in Global Supply Chain Management
- Certificate in Supply Chain Analytics

Concentration Offered

- Concentration in Supply Chain Analytics

Contact

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Director, Global Supply Chain Management Program
Sweigart Hall 357
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Program Website: www.rider.edu/gscm (http://www.rider.edu/gscm/)
Associated Department: Department of Information Systems, Analytics, and Supply Chain Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/info-systems-analytics-supply-chain/)

Related Programs

- Business Analytics (p. 97)
- International Business (p. 344)
- Management and Leadership (p. 372)

Global Supply Chain Management Major Requirements

(33 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
Required Courses		
GSC 115	Introduction to Global Supply Chain Mgt.	3
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	3
GSC 345	Customer Focus: The Customer Driven Supply Chain	3
GSC 355	Supply Chain Internal Focus: Firm Operations	3
GSC 445	Supply Chain Strategy and Design	3
GSC 399	GSC Co-op Program [1]	6
Major Electives		
Select two of the following:		6
BDA 205	Introduction to Visual Data Analytics [3]	
Any 300-level and above Business Data Analytics (BDA) course		
CIS 200	Application Development with JavaScript [3]	
Any 300-level and above Computer Information Systems (CIS) course except CIS 385		
ECO 305	Internatl Trade and Investment	
ENT 375	International Entrepreneurship	
FIN 308	International Finance	
GSC 290	Strategic Sourcing and Procurement	
GSC 490	Independent Study: Research and Creative Expression	
MGT 375	International Management	
MKT 250	Retailing Management [3]	
MKT 260	Service Marketing [3]	
Any 300-level and above Marketing (MKT) course		
International Business Elective		
Select one of the following:		3
ECO 305	Internatl Trade and Investment	
ENT 375	International Entrepreneurship	

FIN 308	International Finance	
MGT 375	International Management	
MKT 330	International Marketing	
Business Analytics and Technology Requirement		**3**
GSC 385	Management Information Systems for Global Supply Chain Management [2]	
Total Credits		**33**

1

Students majoring in Global Supply Chain Management are required to take a 6-credit co-op OR a 3-credit Internship and a 3-credit business elective.

2

Students majoring in Global Supply Chain Management may not take CIS 385 Management Information Systems.

3

Students majoring in Global Supply Chain Management may take a maximum of one 200 level BDA, CIS or MKT course to count as a GSC Major Elective.

Students must achieve a grade of at least "C-" in each of the major courses with a minimum GPA of 2.0 in the major.

Global Supply Chain Certificate (p. 296)
Supply Chain Analytics Certificate (p. 297)

Global Supply Chain Certificate

(9 credits)

Overview

The Global Supply Chain Certificate (GSCC), housed within the Global Supply Chain Program, is a certificate-bearing program that is open to all undergraduate students in the Norm Brodsky College of Business and in the College of Liberal Arts and Sciences (except GSC majors)[1]. The GSCC is designed to complement students' major areas of study with relevant content from the supply chain discipline. In professional practice, supply chain management requires a high degree of interaction and collaboration with other major corporate functions. Managers in Finance, Marketing, Accounting, Human Resources and other functions need to understand and are often expected to work closely with corporate supply chain colleagues. The GSCC will provide students with the knowledge and skills to be effective in these cross-functional, interdisciplinary roles while the credential will provide differentiation and advantage in their job search.

Requirements

Upon successful completion of the requirements listed below, students will obtain a Global Supply Chain Analytics Certificate upon graduation from Rider. All GSCC participants must successfully complete and achieve grades of C- or better in each of three courses they take to complete the certificate, as described below:

Code	Title	Credits
Required Course for Certificate:		**3**
GSC 115	Introduction to Global Supply Chain Mgt.	
Choose 2 of the following:		**6**
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	
GSC 290	Strategic Sourcing and Procurement	
GSC 345	Customer Focus: The Customer Driven Supply Chain	
GSC 355	Supply Chain Internal Focus: Firm Operations	
Total Credits		**9**

[1]The GSC Certificate is open to and intended for all students except GSC majors.

Contact

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Supply Chain Analytics Certificate

(9 credits)

Overview

The Supply Chain Analytics Certificate (SCAC) will be available to all GSC Certificate students in the Norm Brodsky College of Business. Students who exhibit strong technical skills and/or interest in analytic methods will be particularly encouraged to consider the SCA Certificate. Thus, this certificate offers an advanced "analytics study option" for GSC Certificate students.

The SCAC provides a meaningful and externally recognizable analytics credential for students without requiring the full effort of completing a major in Business Data Analytics (BDA), which requires the completion of six courses in the major. The credential will help these students differentiate themselves from peers at Rider and other universities as they compete for positions in the field of supply chain management.

Requirements

The SCAC is open to all Global Supply Chain (GSC) Certificate students in the Norm Brodsky College of Business. Upon successful completion of the requirements listed below, students will obtain a Supply Chain Analytics Certificate upon graduation from Rider.

The SCA Certificate is only awarded to students who have also completed the GSC Certificate. Students can work on both the SCA and GSC Certificates concurrently. However, the SCA Certificate will only be awarded upon the successful completion of the requirements for both the GSC Certificate and SCA Certificate by a student.

All SCAC participants must successfully complete and achieve grades of C- or better in each of three courses they take to complete the certificate, as described below:

Code	Title	Credits
Required Courses:		**6**
BDA 205	Introduction to Visual Data Analytics	
BDA 355	Business Analytics with Python	
Select one of the following:		**3**

CIS 330	Database Systems	
or CIS 360	Data Mining	
Total Credits		**9**

Supply Chain Analytics Concentration Requirements

(9 credits)

The SCA Concentration is open to all GSC Majors in the Norm Brodsky College of Business. Upon successful completion of the requirements listed below, students will obtain a Supply Chain Analytics Concentration upon graduation from Rider.

The SCA Concentration is only awarded to students who have also completed the GSC Major. Students can and are expected to work on both the SCA Concentration and the GSC Major concurrently. However, the SCA Concentration will only be awarded upon the successful completion of the requirements for both the GSC Major and SCA Concentration by a student.

All SCA Concentration participants must successfully complete and achieve grades of C- or better in each of three courses they take to complete the concentration, as described below:

Code	Title	Credits
Required Courses:		**6**
BDA 205	Introduction to Visual Data Analytics	
BDA 355	Business Analytics with Python	
Select one of the following:		**3**
CIS 330	Database Systems	
or CIS 360	Data Mining	
Total Credits		**9**

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Associated Department: Department of Information Systems, Analytics, and Supply Chain Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/info-systems-analytics-supply-chain/)

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
GSC 115	Introduction to Global Supply Chain Mgt.	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics [2]	3
Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	3
Liberal Arts Elective 2 [3]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
FIN 220	Introduction to Finance	3
GSC 345	Customer Focus: The Customer Driven Supply Chain	3
GSC 385	Management Information Systems for Global Supply Chain Management	3
MSD 301	Operations Management	3
Liberal Arts Elective 3 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 300	The Legal and Ethical Environment of Business	3
GSC 355	Supply Chain Internal Focus: Firm Operations	3
Free Elective		3
Leadership Elective		3
Liberal Arts Elective 4 [3]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
GSC 491	GSC Internship	3
International Business Elective for GSC Major [4]		3
GSC Major Elective [5]		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**

Spring Semester		
BUS 400	Strategic Management and Policy	3
GSC 445	Supply Chain Strategy and Design	3
GSC Major Elective [5]		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 and CBA 110 can be taken in the Fall or Spring of year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4

Students are required to complete 6 credits of International Business Electives, which for GSC majors will be fulfilled as major courses.

5

Students are required to complete 6 credits of GSC Major Electives. See the listing of GSC Major Electives on the Major Requirements page.

Notes:

- Business Honors students will have a different sequence.
- The above plan assumes no AP or other credits were transferred into Rider University.
- This plan assumes the student is taking a 3-credit GSC 491 Internship plus a 3-credit elective. GSCM majors can instead take a 6-credit GSC 399 Co-op. GSCM majors who choose the co-op option may have a different 4 year sequence of courses.
- For the Leadership Elective, choose from LDP 398 Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning Through MOB, MGT 355 Team Management, or MGT 363 Management Skills.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
GSC 115	Introduction to Global Supply Chain Mgt.	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**3**
Spring Semester		
CIS 185	Information Systems Essentials [1]	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective 2 [3]		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
GSC 235	Supply Chain External Focus: Customer and Supplier Logistics	3
GSC 385	Management Information Systems for Global Supply Chain Management	3
Free Elective		3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
GSC 345	Customer Focus: The Customer Driven Supply Chain	3
GSC 355	Supply Chain Internal Focus: Firm Operations	3
GSC 491	GSC Internship	3
GSC Major Elective [5]		3
GSC Major International Business Elective [4]		3
	Semester Credit Hours	**18**

JTerm		
Liberal Arts Elective 3 [3]		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
GSC 445	Supply Chain Strategy and Design	3
GSC Major Elective [5]		3
Free Elective		3
Liberal Arts Elective 4 [3]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 (http://catalog.rider.edu/search/?P=MSD%20104) Intro to Quantitative Methods based on placement. MSD 104 (http://catalog.rider.edu/search/?P=MSD%20104) counts as a 3-credit Free Elective.

3

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4

Students are required to take 6 credits of International Business Electives which can be fulfilled as major courses or as free elective courses.

5

Students are required to complete 6 credits of GSC Major electives. See the listing of GSC Major Electives on the Major Requirements page.

Notes:

- The above plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- This plan assumes the student is taking a 3-credit GSC 491 Internship plus a 3-credit elective. GSCM majors can instead take a 6-credit GSC 399 Co-op. GSCM majors who choose the co-op option may have a different 3 year sequence of courses.
- For the Leadership Elective, choose from LDP 398 Co-op Experience Seminar,LDP 200 Foundations of Leadership, LDP 220 Service Learning Through MOB, MGT 355 Team Management, or MGT 363 Management Skills.

Courses and Descriptions

GSC 115 Introduction to Global Supply Chain Mgt. 3 Credits
This course introduces students to components of global supply chains and issues of managing the global supply chain. It is designed as a survey course to give first or second year business students a general view of supply chain management at both domestic and international levels, as well as familiarize them with basic concepts and major challenges of supply chain management. Delivery of course material will include lectures and guest speakers from industry, and in-class logistics mini cases.

GSC 235 Supply Chain External Focus: Customer and Supplier Logistics 3 Credits
This course is a detailed discussion of some of the major issues and components of supply chain management that are mainly external to an organization. In other words, it provides an "outward looking" perspective of supply chain management. Topics to be covered include sourcing, procurement, transportation, customer logistics, and distribution. The linkages to internal issues and components of supply chain will be made.
Prerequisite(s): GSC 115.

GSC 290 Strategic Sourcing and Procurement 3 Credits
Sourcing and procurement are vital components of a well-functioning and efficient supply chain. Obtaining raw materials, components, finished and semi-finished goods, critical technology, and essential services from different suppliers and countries with different languages, currencies, legal and cultural norms is a complex and risky task and made essential due to the value of these activities to the bottom-line of any global business today. Additionally, globalization raises issues involving not just costs but reliability, quality, credibility, product safety, product liability, and related social, ethical, governance, and environmental impact. In this course, students will learn and apply the concepts, principles, and techniques required to manage the sourcing process effectively. Topics include purchasing, outsourcing, materials management, inventory management, forecasting, price and cost analysis, transportation analysis, supplier selection, negotiation strategies, auctions, and legal framework. Students will apply the concepts covered in lectures, articles, case study analysis, a team project, and discussions. Additionally, a special component of this course will include participating in a multi-week real world procurement simulation where students will have an opportunity to interact in a purchasing process with senior industry procurement executives. The simulation will both teach and allow students to participate in developing and implementing bidding and negotiating strategies in real world vendor-customer relationships. Sophomore standing or higher.
Prerequisite(s): at least one of the following courses: ACC 210, or ECO 200, or ECO 201, or GSC 115.

GSC 315 International Business Tour 3 Credits

GSC 345 Customer Focus: The Customer Driven Supply Chain 3 Credits
Marketing and supply chain management programs are concerned with the creation and delivery of value to customers and organizations. No longer simply the domain of the warehouse manager or logistics director, supply chain management is viewed by most companies as a mission critical element. Marketing focuses on developing an understanding of customers and markets, creating products and services based on that understanding, and communicating and delivering the value added. This course will teach the student the essential role of marketing in all aspects of successful supply chain management - relationship management, technological and financial management - and it will help the student understand the structure, functions, principles and methods employed in discovering and translating consumer needs and wants into product and service specifications, and then transferring these goods and services from producers to consumers or end users.
Prerequisite(s): GSC 115 and MKT 200.

GSC 355 Supply Chain Internal Focus: Firm Operations 3 Credits
This course is a detailed discussion of some of the major issues and components of supply chain management that are mainly internal to an organization. In other words, it provides an "inward looking" perspective of supply chain management. Topics to be covered include: manufacturing, quality, product design, inventory, and warehousing. The linkages to external issues and components of supply chain will be made.
Prerequisite(s): GSC 115 and MSD 301.

GSC 375 Adv.Sem in Global Outsourcing 3 Credits
The course is aimed at generating a comprehensive understanding of the emergent domain of global business process outsourcing. Variously referred to as knowledge process outsourcing, IT-enabled services outsourcing, and business services outsourcing, the industry has seen enormous growth over the last decade and continues to grow. India commands the single largest share of this market but South Africa, Eastern Europe, Philippines, Morocco and Egypt have all emerged as other contenders in this global sector. The course is divided into four modules: the political economy of global outsourcing, process modeling, outsourcing management, and industry analysis. Please note: Students will not receive credit for both CIS 375 and GSC 375.
Prerequisite(s): junior standing.

GSC 385 Management Information Systems for Global Supply Chain Management 3 Credits
The purpose of this junior level management information systems course is to prepare students for today's dynamic business environment by increasing their understanding of IT-enabled global information processing and management. This course has a specific emphasis on the impact and effective utilization of information systems and technology for the global supply chain. Students will gain a solid understanding of the value of business process integration through a combination of conceptual learning, business process analysis, and collaborative decision-making. This will be facilitated through hands-on experience with SAP ERP and analytical software as well as Microsoft Excel.
GSC 385 is required for the Global Supply Chain Management major and can fulfill the CIS 385 requirement for all business majors. Please note: Students will not receive credit for both GSC 385 and CIS 385 without prior approval by the Dean's office.
Prerequisite(s): CIS 185 and junior standing.

GSC 399 GSC Co-op Program 6 Credits
The co-op program provides students with an opportunity to work full-time in an organization and apply what they have learned in their global supply chain and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first-step before they hire full-time employees. Eligible students include junior and senior global supply chain management majors with a minimum GPA of 3.0. The six credits are intended to be used as business electives, but it is also possible for them to be used as a combination of business and free electives.
Prerequisite(s): GSC 115 plus one additional course within the global supply chain management major, and permission of instructor.

GSC 445 Supply Chain Strategy and Design 3 Credits
This course introduces the student to the concepts and techniques necessary to design and operate global supply chains. It covers some of the strategic issues of managing a global supply chain and emphasizes the importance of understanding the organization, its value chain, industry, competitors, suppliers, and customers in a global framework. The course covers various strategies as well as different supply chain design models and approaches for efficient and effective supply chain operation.
Prerequisite(s): GSC 235 and GSC 355.

GSC 490 The GSC Consulting Elective 3 Credits

This is a special topics Independent Research and Study course. A Global Supply Chain professor will supervise a semester long project in which a team of students completes a consulting project for one or more local firms. The consulting project, which will be determined by the GSC faculty and local firm(s), provides valuable experience for students on the team as they perform analysis of important supply chain and logistics problems that a local firm must address. The work includes analytic and research activities, and culminates in a recommendation on how the firm should address the logistics/supply chain issues that it had engaged the student team to evaluate. This experience also provides valuable lessons on how to work with clients, and how to develop and make presentations to effectively communicate recommendations.

Prerequisite(s): GSC 115 and permission of instructor.

GSC 491 GSC Internship 3 Credits
The Global Supply Chain Management (GSCM) Program formally sponsors an internship in global supply chain management. The intention of the course is to supplement theoretical foundations and other material introduced in the classroom with an opportunity to work in a sponsoring organization. Through the internship experience, the student will get a chance to see how supply chains are managed and will get a chance to apply supply chain concepts for themselves. If used in place of the co-op, internship credits will count toward GSCM major requirements, but can also be used as a business or free elective.
Prerequisite(s): GSC 115 plus one additional course within the GSCM major, and permission of instructor.

Health Administration

Program Overview

The Health Administration minor recognizes the diversity of skills required in the health care sector, and allows students from a variety of programs to minor in health care administration. Majors particularly well-suited to health administration are:

- **Sciences** (biology, chemistry, biochemistry, psychology)
- **Social sciences** (economics, sociology, social work, political science)
- **Business** (marketing, management, business administration, human resources management, business economics, finance, actuarial science, and information systems).

Classes include a diversity of student majors, which allows science, social science and business students to interact and learn alternative points of view. The health administration minor, combined with other initiatives of the integrated science and business curriculum at Rider, places graduates at a strong advantage in the employment marketplace.

Minor Offered

- Minor in Health Administration

Contact

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Program Website: www.rider.edu/healthadmin (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/finance-economics-dept/healthcare-management/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)
Accreditation: Association to Advance Collegiate Schools of Business (http://www.aacsb.edu/)

Related Programs

- Health Care Management (p. 314)

Health Administration Minor Program Requirements

(21-24 credits)

Code	Title	Credits
HTH 205	Introduction to Health Care	3
HTH 336/ECO 336	Economics of Health Care System	3
Select one of the following:		3
HTH 450	Seminar in Health Research	
or ECO 450	Seminar in Economic Research	
HTH 491	Health Management Internship	
Select three of the following:		9
HTH 225	Health Care Financing	
HTH 315/BUS 315	Health Care Law, Ethics and Policy	
HTH 365	Health Care Information Systems	
BIO 206	The Pharmaceutical Industry	
COM 254	Intro to Health Communication	
HTH 215	Population Health Care Management	
PHL 304	Medical Ethics	
SOC 346	Health Care and Society	
GLS 325	Global Perspectives on Health and Illness	
MKT 380	Health Care Marketing	
PSY 345	Health Psychology	
Select one of the following:		3
BIO 100	Life Science	
BIO 110	Life Science: Inquiry Approach	
BIO 115	Principles of Biology I	
BIO 221	Human Anatomy & Physiology I	
BNS 107	Life Science: Brain and Behavior	
CHE 115	Chemistry & Society	
CHE 118	Exploration of Chemical Principles	
CHE 120	Principles of Chemistry	
PSY 220	Psychological Disorders	
PSY 365	Drugs and Human Behavior	
PSY 374	Psychology of the Family	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
Non-business majors must select one of the following:		**0-3**
MGT 201	Fund Management & Org Behavior	
MKT 200	Marketing Principles	
Total Credits		**21-24**

Courses and Descriptions

BHP 309 Course BHP 309 Not Found Credits

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

CHE 118 Exploration of Chemical Principles 4 Credits
A one-semester introduction to the principles of chemical sciences. Students will utilize inquiry-based learning methods to examine contextual problems as a means to explore introductory models and concepts of chemistry. Students will also gain an understanding of how scientific models are used to explain experimental observations. The laboratory component of this course is designed to provide students with an experimental context within which to develop some of the models described in the classroom. Three hours of lecture and one three-hour lab per week.

CHE 118L Exploration of Chemical Principles Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 118.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

HTH 450 Seminar in Health Research 3 Credits
Students in the course learn to conduct health administration-related research by engaging in an actual community-based research project. At the beginning of the semester, students are assigned to a health-related community-based organization. As a team, students meet with the client, devise a plan of action, collect and analyze data and other information, and write a report to the client. At the end of the semester, students present their findings to the client.
Prerequisite(s): Permission of instructor.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

Health Care Management

Program Overview

The B.S.B.A. in Health Care Management allows students to learn the business of health care – and prepare for a career in America's fastest growing sector. This program allows students to earn a well-rounded business degree from Rider's distinguished AACSB-accredited Norm Brodsky College of Business, hone their business skills and focus on health care management studies, explore different roles in the complex issues facing health care and benefit from ongoing advice and support from professionally well-connected and experienced faculty.

Student Learning Outcomes

A health care management graduate will demonstrate the ability to:

- Synthesize the major sectors in the US Health Care System and define jargon in health care administration to communicate with professionals.
- Apply knowledge of the health care system and the economic and policy environment to a real-world situation.
- Analyze the constraints and incentives facing an organization based on its placement within the health care sector.
- Analyze the effect of policies or economic factors on health care outcomes.
- Communicate effectively through strong written skills.
- Demonstrate oral communication skills.

Curriculum Overview

The curriculum provides a core education in business combined with critical topics in health care management. The program is designed to provide students with an understanding of both the business and health fields, including a deeper grasp of the legal, ethical, economic, social and managerial issues related to health care.

Faculty include professors with expertise in economics, finance, information systems, law, and marketing.

The courses are designed to provide real-world experiences and the program offers students the opportunity to learn through required participation in one of the following: a semester-long internship, large-data group project for a client and health care marketing courses where students design their own marketing plans.

Degree Offered

- B.S.B.A. in Health Care Management

Contact

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Program Website: http://www.rider.edu/hcm (http://www.rider.edu/hcm/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)
Accreditation: Association to Advance Collegiate Schools of Business (http://www.aacsb.edu/)

Related Programs

- Health Administration (p. 311)

Heath Care Management Major Requirements

(21 credits)

Code	Title	Credits
Required Courses [1]		
HTH 205	Introduction to Health Care	3
ECO 336	Economics of Health Care Sys	3
HTH 215	Population Health Care Management	3
HTH 315	Health Care Law, Ethics and Policy	3
HTH 225	Health Care Financing	3
HTH 365	Health Care Information Systems	3
One class from the following:		**3**
HTH 450	Seminar in Health Research	
HTH 491	Health Management Internship	
MKT 380	Health Care Marketing	
Total Credits		**21**

[1]

HTH 201 Excel for Healthcare Management and Administration is a recommended free elective for Health Care majors.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2 [3]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
FIN 220	Introduction to Finance	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
HTH 205	Introduction to Health Care	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
HTH 215	Population Health Care Management	3
International Bus Elective (HTH 367) [4]		3
Liberal Arts Elective 3 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
ECO 336	Economics of Health Care Sys	3
HTH 225	Health Care Financing	3
MSD 301	Operations Management	3
Liberal Arts Elective 4 [3]		3
Free Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
HTH 491	Health Management Internship [5]	3
Leadership Elective (CBA 368)		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HTH 315 or BUS 315	Health Care Law, Ethics and Policy or Health Care Law, Ethics & Policy	3
HTH 365	Health Care Information Systems	3

International Business Elective [4]		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

[1]

CIS 185 and CBA 110 can be taken in the Fall or Spring of Year 1.

[2]

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

[3]

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

[4]

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

[5]

Must complete one of the following Health Care Mgmt electives: HTH 450 Seminar in Economic Research, HTH 491 Health Management Internship, or MKT 380 Health Care Marketing.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective 3		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
HTH 205	Introduction to Health Care	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
ECO 336	Economics of Health Care Sys	3
HTH 225	Health Care Financing	3
International Business Elective		3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
HTH 215	Population Health Care Management	3
Liberal Arts Elective 4		3
International Business Elective		3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HTH 315 or BUS 315	Health Care Law, Ethics and Policy or Health Care Law, Ethics & Policy	3
HTH 365	Health Care Information Systems	3
HTH 491	Health Management Internship	3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Notes:

- The above plan assumes no AP or other credits were transferred into Rider University.

- Students are required to take 6 credits of International Business Electives.
- Business Honors students will have a different sequence.
- Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.
- Students may be required to take MSD 104 (http://catalog.rider.edu/search/?P=MSD%20104) Intro to Quantitative Methods based on placement. MSD 104 (http://catalog.rider.edu/search/?P=MSD%20104) counts as a 3-credit Free Elective.
- For the Leadership Elective, choose from LDP 200 Foundations of Leadership, LDP 220 Service Learning Through Minding Our Bus, LDP 398 The Co-op Experience Seminar, MGT 355 Team Management, or MGT 363 Management Skills.

Courses and Course Descriptions

BUS 315 Health Care Law, Ethics & Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system.
Prerequisite(s): 24 credits.

ECO 336 Economics of Health Care Sys 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomic tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.
Prerequisite(s): ECO 201 or HTH 205.

HTH 201 Excel for Healthcare Management and Administration 1 Credits
This course is a refresher on Excel designed to fill gaps in knowledge and application of skills for students who are preparing for their internships. Students will review the essentials of Microsoft Excel. Within seven weeks, students will learn to expertly navigate the Excel user interface, perform basic calculations with formulas and functions, professionally format spreadsheets, and create visualizations of data through charts and graphs. This course will provide students with a practical hands-on opportunity that is designed for students to gain the skills necessary to proficiently create pivot tables, analyze data, utilize more advanced Excel data tools, and interpret statistical results.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 225 Health Care Financing 3 Credits
The goals of this course are: (1) to provide a description of how Americans pay for health care; (2) to explain how payment arrangements affect the health care system; and (3) to evaluate newly emerging arrangements. Specifically, we will focus on insurance (both public and private) in the United States, provider payment reform, the incentives of the parties in these arrangements and how these incentives impact cost containment in health care.
Prerequisite(s): HTH 205 and sophomore standing.

HTH 365 Health Care Information Systems 3 Credits
The Electronic Health Record (EHR) is one of the most complex technological projects ever undertaken. EHR involves the shared management, potentially on a global scale, of a variety of private, time-sensitive, multimedia data across activities including capture, processing, storage and access. The purpose of this course is to provide the future Health Administration professional with specifics of the socio-technical issues involved in this effort. The goals of this course are to study data standards used in modern EHR systems, technology platforms used to implement EHR in various types of organizations, data governance and regulations associated with health data, analytics that support quality of care and evidence-based practice.
Prerequisite(s): HTH 205; CIS 385 or GSC 385; HTH 215 or CIS 360; and junior standing.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

HTH 450 Seminar in Health Research 3 Credits
Students in the course learn to conduct health administration-related research by engaging in an actual community-based research project. At the beginning of the semester, students are assigned to a health-related community-based organization. As a team, students meet with the client, devise a plan of action, collect and analyze data and other information, and write a report to the client. At the end of the semester, students present their findings to the client.
Prerequisite(s): Permission of instructor.

HTH 490 Independent Study in Health Admin 3 Credits
An independent study in health administration allows a student to conduct an in-depth exploration of a topic in health administration under the supervision of a faculty member. The project helps develop a student's research and written skills.
Prerequisite(s): JR or SR standing, Permission of Instructor.

Human Resource Management

Program Overview

Human Resource Management (HRM) professionals perform many vital business activities in organizations. As both private and public sector organizations have become more concerned about such issues as legal compliance, corporate culture, and ensuring employee work behaviors are aligned with strategic objectives, the demand for well-trained HRM professionals has increased greatly.

Practitioners in HRM are involved in a variety of important, interesting, and challenging activities. They establish and implement policies that affect such organizational functions as recruitment, selection, training and development, performance management, compensation and benefits.

Our program has been ranked among the top 20 Human Resource Management programs in the U.S., and placed as the #3 undergraduate HRM program in New Jersey by College Factual. The Society of Human Resource Management (SHRM) has acknowledged that our curriculum is fully aligned with SHRM's competency model for the HR profession. This connection to the profession, coupled with Rider's engaged learning program, makes Rider a great place to study Human Resource Management.

Curriculum Overview

Courses in the program include Introduction to Human Resource Management, Labor Relations, Employee Selection and Training, Employee Compensation Systems, Employee Engagement, Managing Workforce Diversity, International Management, Team Management, Management Skills, and more.

Degree Offered

- B.S.B.A. in Human Resource Management

Contact

Hee Young Kim, Ph.D.
Chairperson and Associate Professor
Sweigart Hall 237
609-896-5069

Program Website: Human Resource Management B.S.B.A (http://www.rider.edu/hrm/)

Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)

Related Programs

- Entrepreneurial Studies (p. 240)
- Health Care Management (p. 314)
- Management and Leadership (p. 372)
- Sport Management (p. 532)

Human Resource Management Major Requirements

(21 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
MGT 310	Intro to Human Resource Mgmt	3
HRM 315	Employee Selection & Training	3
HRM 316	Employee Compensation Systems	3
MGT 375	International Management	3
Select three of the following, with at least one being an HRM course:		9
HRM 312	Intro to Labor Relations	
HRM 333	Employee Engagement	
HRM 441	Sel. Topics: Human Res Mgt	
MGT 320	Managing Workforce Diversity	
MGT 346	Negotiation	
MGT 355	Team Management [1]	
MGT 363	Management Skills [1]	
MGT 410	Ethical Management	
HRM 490	Independent Research and Study	
Total Credits		**21**

1

Human Resource Management majors have the option of completing MGT 355 Team Management or MGT 363 Management Skills for their major requirements as well as for their Leadership Elective requirement. If a student chooses to count MGT 355 or MGT 363 toward both the major requirements and the Leadership Elective, the student must complete 3 credits of free elective for graduation.

An average of "C" or better is required in the 21 semester credit hours required of the human resource management major. Majors are encouraged to take HRM 491 Internship in Human Res Mgt or HRM 492 Internship in Human Res Mgt as a free elective.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Humanities Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 310	Intro to Human Resource Mgmt	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
HRM 315	Employee Selection & Training	3
CIS 385	Management Information Systems	3
Leadership Elective [3]		3
Social Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MGT 375	International Management [4]	3
MSD 301	Operations Management	3
Free Elective (International Business) [4]		3
HRM Major Elective		3
Liberal Arts Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
HRM 316	Employee Compensation Systems	3
HRM Major Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HRM Major Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Human Resource Management majors have the option of completing MGT 355 Team Management or MGT 363 Management Skills for their major requirements as well as for their Leadership Elective requirement. If a student chooses to count MGT 355 or MGT 363 toward both the major requirements and the Leadership Elective, the student must complete 3 credits of free elective for graduation.

4

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Social Science Elective		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Natural Science Elective		3
	Semester Credit Hours	**15**

Summer Semester		
ACC 210	Introduction to Accounting	3
Humanities Elective		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MGT 310	Intro to Human Resource Mgmt	3
Free Elective (International Business) [1]		3
Leadership Elective [2]		3
HRM Major Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3
HRM 315	Employee Selection & Training	3
HRM 316	Employee Compensation Systems	3
MGT 375	International Management [1]	3
Liberal Arts Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HRM Major Elective		3
HRM Major Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses (MGT 375 International Management) or as free elective courses.

2

For the Leadership Elective, choose from LDP 200, LDP 398, MGT 355, or MGT 363. If a Human Resource Management major takes MGT 355 or MGT 363 as their Leadership Elective, they can also count it as a Major Course Elective, and they must take an additional 3-credit Free Elective.

Notes:

- This accelerated plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448, ECO 450.)

Courses and Descriptions

HRM 312 Intro to Labor Relations 3 Credits
This course deals with the relationship of labor unions and management, the fundamentals of collective bargaining, and labor legislation. The structure and growth of unions as well as the relationships and problems that exist among private and public sector organizations, the labor force, and government are surveyed.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 313 Legal Aspects of Human Res Mgt 3 Credits
This course deals with the various laws that affect human resource management, including social insurance, legislation, minimum wage laws, OSHA , ERISA, as well as equal employment opportunity legislation. This course is concerned not only with the provisions of these laws, but also with their constitutionality, their effects, and how they are administered.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 315 Employee Selection & Training 3 Credits
This course explains the processes involved in selecting and training employees. With regards to selection, specific examples include, evaluating applicant credentials, administering pre-employment tests and complying with equal employment opportunity legislation. With regards to training, topics include assessing the need for training, designing effective training programs, utilizing methods such as technology to deliver training, and evaluating the effectiveness of training programs.
Prerequisite(s): MGT 310.

HRM 316 Employee Compensation Systems 3 Credits
The goal of this course is to familiarize you with the common methods of compensation used by today's organizations and how these methods could be used to increase motivation, job satisfaction, and performance in the workplace. To accomplish this, we will first discuss the bases of motivation in the workplace. Next, we will then talk about the various compensation options and techniques and the strengths and weaknesses of each in maximizing motivation and performance in an organization.
Prerequisite(s): MGT 310.

HRM 333 Employee Engagement 3 Credits
Employee Engagement is commonly described as a focused passion and enthusiasm that employees bring to their work that produces high-quality performance and positive organizational outcomes such as enhanced firm reputation, customer loyalty, and profitability. In this course, students will explore the concept and value of Employee Engagement, and strategies for energizing an organization's workforce. Projects and activities will focus on the role of the Human Resource function in measuring employee attitudes, designing relevant interventions, and influencing a culture of engagement.
Prerequisite(s): MGT 310.

HRM 441 Sel. Topics: Human Res Mgt 3 Credits
Deals with one area of study in the field of human resource management such as protective labor legislation, mediation and arbitration, the administration of labor unions, or case problems in human resource management. The topic varies each semester and is announced at the time of registration.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or HRM major elective.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 491 Internship 1-4 Credits
Provides the student with the opportunity to supplement and apply human resource management coursework in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing work experiences. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): Junior or Senior; Major in human resource management and MGT 310; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

HRM 492 Internship in Human Res Mgt 3 Credits
Provides the student with the opportunity to supplement and apply their human resource management classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions. 2.75 GPA overall and 3.0 GPA in the major is required.
Prerequisite(s): major in human resource management or management and leadership, and MGT 310; senior status; and permission of instructor.

Information Systems

Program Overview

Students with a major in information systems develop a solid understanding of the use, design, development, and management of information systems and information technology. Rider's information systems courses are designed to give students the opportunity to develop and manage a variety of projects that can be applied to real business settings immediately.

Increasingly, organizations that seek individuals with an information systems specialization expect excellent organizational, communication, interpersonal and analytical skills. All information systems students are encouraged to participate in a full semester co-op or summer internship experiences during their junior year.

Student Learning Outcomes

An Information Systems graduate will demonstrate the ability to:

- Design and develop user-friendly applications, employing best practices in programming, including effective syntax, logical structure, and adherence to industry standards.
- Utilize and administer computer networking and telecommunication technologies, demonstrating proficiency in configuring, managing, and troubleshooting network infrastructure.
- Employ relational databases to effectively organize, query, and manage business data, considering data integrity, normalization, and security requirements.
- Analyze and evaluate emerging trends and issues in Information Systems, assessing their impact on businesses and society, and identifying opportunities for innovation.
- Apply ethical reasoning and ethical frameworks to guide the design, implementation, and use of Information Systems, considering privacy, security, and social implications.

Curriculum Overview

The required freshman-level information systems core course trains students to apply practical knowledge in their use of computer-based productivity tools. Core courses also allow students to develop an understanding of enterprise integration applications such as SAP R/3. The courses also explain the value of electronically integrating the major functional areas of an organization in order to facilitate more effective management decision-making.

Students gain an understanding of the enabling information technologies (IT) that organizations use to develop and sustain a strategic and competitive position in the marketplace. Students also learn about the benefits and drawbacks of adopting and using these information technologies.

Students with a major or a minor in information systems will be able to demonstrate their understanding of information technology by applying their technical knowledge and skills to provide a practical solution to a business problem, business need or business opportunity.

Students who satisfactorily complete a minimum of three courses with at least one-third SAP hands-on content in each course have the opportunity to earn the **SAP Student Recognition Award Certificate**. Click here (p. 506) to learn more about this certificate program.

Degree Offered

- B.S.B.A. in Information Systems

Contact:

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Program Website: www.rider.edu/academics/colleges-schools/cba/undergraduate/information-syst… (http://www.rider.edu/academics/colleges-schools/cba/undergraduate/information-systems/)

Associated Department: Department of Information Systems, Analytics, and Supply Chain Management

Related Programs:

- Business Administration (p. 91)
- Global Supply Chain Management (p. 295)
- Management and Leadership (p. 372)

Information Systems Major Requirements

(24 credits)

Code	Title	Credits
Required Courses:		
CIS 200	Application Development with JavaScript	3
CIS 240	Cloud Computing Infrastructure	3
CIS 325	User Experience Design	3
CIS 330	Database Systems	3
CIS 345	Enterprise Security	3
CIS 395	Ethical & Global Impacts of IT	3
Electives		**6**
Select two of the following:		
BDA 205	Introduction to Visual Data Analytics	
CIS 315	Integrated Business with SAP	
CIS 350	Practical Business Analytics with Excel and R	
CIS 360	Data Mining	
CIS 370	Systems Analysis and Design Project	
CIS 375	Business Process Design for a Global Economy	
CIS 377	Risk Management and Compliance for Information Security	
CIS 388	Design Thinking	
CIS 390	Project Management	
CIS 399	The Co-Operative Experience [1]	
CIS 401	Artificial Intelligence for Business	
CIS 410	Selected Topics in Information Systems	
CIS 430	Enterprise Integration	
CIS 491	Computer Information Systems Internship	
Total Credits		**24**

1

The total credits that count towards the major from the internship and co-op experience cannot exceed 3.

Note:

- For graduation, the student must achieve an overall GPA of 2.0 in the major, with no course grade less than "C-".

Information Systems Minor Requirements

(18 credit program is available to all Rider University students except for Information Systems majors)

Code	Title	Credits
Gateway Course		**3**
CIS 185	Information Systems Essentials	
Required Courses		**9**
Select three of the following six courses:		
CIS 200	Application Development with JavaScript	
CIS 240	Cloud Computing Infrastructure	
CIS 325	User Experience Design	
CIS 330	Database Systems	
CIS 345	Enterprise Security	
CIS 395	Ethical & Global Impacts of IT	
Electives		**6**
Select any two CIS courses from the list below or two additional courses from the list of IS minor required courses above to fulfill the remaining requirements:		
BDA 205	Introduction to Visual Data Analytics	
CIS 315	Integrated Business with SAP	
CIS 350	Practical Business Analytics with Excel and R	
CIS 360	Data Mining	
CIS 370	Systems Analysis and Design Project	
CIS 375	Business Process Design for a Global Economy	
CIS 377	Risk Management and Compliance for Information Security	
CIS 388	Design Thinking	
CIS 390	Project Management	
CIS 399	The Co-Operative Experience	
CIS 401	Artificial Intelligence for Business	
CIS 410	Selected Topics in Information Systems	
CIS 430	Enterprise Integration [1]	
CIS 491	Computer Information Systems Internship	
Total Credits		**18**

1

Permission of instructor required

Notes:

- The maximum number of credits students may use to count towards another minor (e.g., Business Analytics minor), is six (i.e., two courses including CIS 185).

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3

Liberal Arts Elective 1 [3]		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 200	Application Development with JavaScript	3
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
CIS 240	Cloud Computing Infrastructure	3
FIN 220	Introduction to Finance	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 325	User Experience Design	3
CIS 330	Database Systems	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MSD 301	Operations Management	3
CIS 345	Enterprise Security	3
CIS Major Elective		3
Free Elective (International Business) [4]		3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
CIS Major Elective		3
Free Elective		3
Free Elective		3
Free Elective		3
Liberal Arts Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
CIS 395	Ethical & Global Impacts of IT	3
Free Elective (International Business) [4]		3
Free Elective		3
Liberal Arts Elective 4 [3]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 CIS 185 and CBA 110 can be taken in the Fall or Spring of year 1.

2 Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3 Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

4 Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
MKT 200	Marketing Principles	3
	Semester Credit Hours	**3**
Spring Semester		
CIS 200	Application Development with JavaScript	3
CIS 240	Cloud Computing Infrastructure	3
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MSD 205	Business Statistics	3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3

CIS 325	User Experience Design (CIS Major Elective)	3
CIS Major Elective		3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
CIS 330	Database Systems	3
CIS 345	Enterprise Security	3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
CIS Major Elective		3
Free Elective (International Business)		3
Free Elective		3
Liberal Arts Elective 2		3
	Semester Credit Hours	**18**
JTerm		
Liberal Arts Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
CIS 395	Ethical & Global Impacts of IT	3
Free Elective (International business)		3
Free Elective		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Notes:

- The above plan assumes no AP or other credits were transferred into Rider University.
- Students are required to take 6 credits of International Business Electives which can be fulfilled as major courses or as free elective courses.
- Business Honors students will have a different sequence.
- Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.
- Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.
- For the Leadership Elective, choose from CBA 320 Case Analysis & Presentation, LDP 398 Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning Through MOB, MGT 355 Team Management, or MGT 363 Management Skills.
- Students are strongly encouraged to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448 Seminar in Small Business Consulting, ECO 450 Seminar in Economic Research).

Courses and Descriptions

CIS 185 Information Systems Essentials 3 Credits
This course provides students with a conceptual understanding and hands-on practice with spreadsheets. At the completion of this course students will be able to apply the appropriate information systems technology tools within spreadsheets to a variety of quantitative data-centric analytic activities. This course assumes you have a basic knowledge of Microsoft Windows, Word, Excel, and Web browsers.

CIS 200 Application Development with JavaScript 3 Credits
In the early 1990s, Tim Berners-Lee created a set of technologies to allow information sharing at the CERN particle accelerator in Europe. These technologies dramatically changed the face of computing and became what we know today as the Web. Understanding how to develop and manage applications for the Web is a requirement for the information system professional. Because of the ease of development, deployment, maintenance and general scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using HTML and CCS, how to control user interaction with those pages using the JavaScript programming language. The programming basics of variable declaration and usage, program flow of control, function declaration and calling, and object usage and declaration will also be shown. The use of the JQuery Javascript library to ease the development of Web pages will also be shown.

CIS 220 Application Development with JavaScript and Python 3 Credits
In the early 1990s, a set of network technologies was combined to create a platform for application development. These technologies are now referred to as the Web. Because of the ease of development, deployment, maintenance, and scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. Understanding how to develop and manage applications for the Web is vital for information systems professionals. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using the Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS), and managing user interaction in those pages using the JavaScript programming language. The process of creating dynamic web pages using the PHP programming language on the Web server will also be taught.
Prerequisite(s): CIS 200.

CIS 240 Cloud Computing Infrastructure 3 Credits
Cloud computing represents a form of utilizing hardware resources in a way which allows a business to be more responsive to a changing environment. Computer networks are a critical component of cloud computing. This class will cover the components of a computer network, the process of configuring networks, and the creation and provisioning a cloud computing environment. Students will also learn the process of computer operating system installation, configuration and maintenance. Virtualization, the process of creating multiple operating system environments on a single piece of hardware will also be covered using both the WIndows and Linux operating systems.
Prerequisite(s): CIS 185.

CIS 255 Intro to Game Design & Development 3 Credits
The basic concepts, logic, techniques, tools, and vocabulary associated with interactive, digital game and simulation development will be explored through a combination of lectures, discussions, and hands-on learning. Knowledge and skills derived can be applied to a wide variety of business and other organizational settings globally for interactive simulations, games, and education.

CIS 260 Business Graphics 3 Credits
Basic color theory, t ypography, and page/slide layout are presented. Students utilize presentation, word processing and photo editing applications to create and edit various documents through hands-on labs and projects.
Prerequisite(s): CIS 185 or permission of instructor.

CIS 270 Computer Networking 3 Credits
This course provides an introduction to business data communications and networking. The Internet and OSI models are discussed. Network technologies include local area networks, backbone, wide area networks, and the Internet. Introduction to network design, security, and network management are also provided.
Prerequisite(s): CIS 185.

CIS 300 Programming with Java 3 Credits
Students will learn the basic concepts of object-oriented programming as contrasted with traditionally structured programming and will develop applications using the Java programming language.
Prerequisite(s): CIS 200.

CIS 309 Data Structures & Cmptr Archit 3 Credits
An introduction to linked lists, stacks, queues, trees, pointers, and sorting and searching algorithms. Students will learn the technical details of data storage and manipulation along with the concepts of program execution, and will use tools such as hex-editors and debuggers.
Prerequisite(s): CIS 185 or permission of instructor.

CIS 315 Integrated Business with SAP 3 Credits
This course provides an introduction to enterprise resource planning (ERP) systems and addresses how integrated information systems improve business operations. Students will learn about functional business areas and business processes, and understand the problems inherent in un-integrated enterprise information systems. Using SAP software and case studies, students will learn how ERP systems are being used to facilitate integrated, real-time management decision making.
Prerequisite(s): CIS 185 and ACC 210.

CIS 319 Computer Forensics 3 Credits
Students will use computers to obtain and analyze evidence found on storage devices such as those confiscated under warrant, and learn how to trace digital activities. Criminal and investigative procedures will be explored in depth.
Prerequisite(s): CIS 185.

CIS 320 Cloud Computing Administration 3 Credits
Students will learn the process of creating or provisioning a cloud computing environment. Content will include the provisioning of operating system resources in a cloud environment, operating system installation, configuration and maintenance. Virtualization, the process of creating multiple operating system environments on a single piece of hardware will be covered in some detail. Troubleshooting problems in the virtualization environment and in the operating system environment will also be covered. Hands-on labs will be used throughout. Both Windows and Linux operating systems will be used.
Prerequisites: CIS 185.

CIS 325 User Experience Design 3 Credits
This course focuses on the critical role user experience plays in today's technology-driven business world. While technology advances make the design of functionality more readily in interactive products, usability plays a critical role in determining their success in the real world. Increasingly, business leaders realize the need to consider the emotional and social experiences as well as functional requirements and the steps users take to complete a task. This course explores User Experience Design (UXD), and its strategic importance in creating competitive advantage. Students will be able to discover, define, develop, and deliver a complete user experience. They will understand the role of usability and design principles, build innovative and pleasurable user experience prototypes, and validate them to achieve human, social, and business goals.

CIS 330 Database Systems 3 Credits
This course involves the study of computer databases. Major topics include relational databases, use of the structured query language (SQL) to query relational databases, and design and maintenance of relational databases.
Prerequisite(s): CIS 185.

CIS 340 Electronic Commerce 3 Credits
Students will learn about the most current e-commerce technologies and business models through readings, case studies, and hands-on projects. Students will gain experience using business data analytics tools to understand and evaluate the value of data that is generated and collected from various e-commerce platforms on the Internet.

CIS 345 Enterprise Security 3 Credits
This course introduces students to cybersecurity, the process of securing computers and the information they store. Coverage includes security attacks and attack prevention and mediation, security firewalls, PC and server security, authentication methods and procedures, and network security. Through lecture and hands-on labs students will learn how computer systems can be attacked and how computer professionals can manage the risks and potential damage from these attacks.

CIS 350 Practical Business Analytics with Excel and R 3 Credits
This is a required course for the Business Analytics major/minor. This course will provide the student with an opportunity to gain proficiency in analyzing and visualizing data using both Excel and R. The learning experience includes not only classic data tools, such as PivotTables, VLOOKUP, and data visualization, but also more advanced data tools such as descriptive statistics, inferential statistics, predictive analytics using R, and optimization using Excel Solver.
Prerequisite(s): BDA 201.

CIS 360 Data Mining 3 Credits
This course deals with modern technologies for data analysis. Hands-on exercises for data retrieval, data visualization and predictive analytics will be carried out using up-to-date methodologies and software tools. The full data mining life cycle will be covered from recognizing business problems and opportunities amenable to data mining analysis through deploying and monitoring solutions.
Prerequisite(s): CIS 185 with a minimum grade of D .

CIS 370 Systems Analysis and Design Project 3 Credits
Topics include modeling techniques and methodologies to address the planning, analysis, design, and implementation of high quality systems, delivered on time and within budget. Using rapid application development tools, students will also construct an operational system within the span of a single semester. Issues and tools related to the management of project teams are also discussed.
Prerequisite(s): CIS 330.

CIS 375 Business Process Design for a Global Economy 3 Credits
The course is aimed at generating a comprehensive understanding of the emergent domain of global business process outsourcing. Variously referred to as knowledge process outsourcing, IT-enabled services outsourcing, and business services outsourcing, the industry has seen enormous growth over the last decade and continues to grow. India commands the single largest share of this market but South Africa, Eastern Europe, Philippines, Morocco and Egypt have all emerged as other contenders in this global sector. The course is divided into four modules: the political economy of global outsourcing, process modeling, outsourcing management, and industry analysis. Please note: Students will not receive credit for both CIS 375 and GSC 375.
Prerequisite(s): junior standing.

CIS 377 Risk Management and Compliance for Information Security 3 Credits
This course will use a holistic approach to examine the management of information security risk in relation to the strategic goals of the business organization. Students taking this course will learn to identify threats, threat agents, potential exploits and the information assets which will be impacted by those exploits. The risk management process will specifically examine threat agents, and the amplifiers, catalysts, and inhibitors to those threats. Using a process which assigns a weight to various threats, and a comprehensive risk analysis model will be developed.

CIS 385 Management Information Systems 3 Credits
This course will enhance students' digital dexterity and familiarity with existing and emerging information technologies, emphasizing skills of abstraction in relation to digital strategy and organizational change, innovation, analytics, and ethics. This course will also provide hands-on experience with at least one essential business technology. At the completion of the course, students will have an understanding of the business-related, policy, societal, and ethical implications associated with modern information systems.
Prerequisite(s): CIS 185 and junior or senior standing.

CIS 388 Design Thinking 3 Credits
This undergraduate course on Design Thinking provides students with a framework for dealing with unstructured problems to create innovative business solutions. Students in this course will learn about the complex and iterative process of design thinking and its several phases, including problem finding, observation, visualization and sense making, ideation, prototyping and testing, and explore the value of design thinking for creating business solutions with lasting impact. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): JR/SR, 54+ credits, or POI.

CIS 390 Project Management 3 Credits
This course introduces students to general project management, the process of organizing resources to achieve business goals. Topics include the identification, approval, analysis, and general management of complex business projects. Project management tools, reports, techniques, and approaches will be covered.
Prerequisite(s): CIS 185.

CIS 395 Ethical & Global Impacts of IT 3 Credits
This course aims to help students realize the implications stemming from their use of technology as consumers, private citizens, and future employees, as well as those arising from the increasing use of data collection, automation, and artificial intelligence technologies by for-profit and governmental entities. Ethical, economic, social, political, and ecological impacts of technology are discussed.
Prerequisite(s): Junior or Senior standing.

CIS 399 The Co-Operative Experience 6 Credits
The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their computer information systems and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Eligible students include junior computer information systems majors with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in any computer information systems coursework completed prior to submission of the co-op application. Three of the co-op credits can be applied toward the computer information systems major, and three credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis.
Prerequisite(s): Completion of two of the three courses: CIS 200, CIS 270, and CIS330.

CIS 401 Artificial Intelligence for Business 3 Credits
Artificial Intelligence (AI) is the broadest term used to classify machines that mimic human intelligence. It is used to predict, automate, and optimize tasks that humans have historically done, such as speech and facial recognition, decision-making, and translation (IBM.com). Undoubtedly, AI is one of the most transformative and disruptive technologies of our age, which has already had a direct impact on the value chain. Private investment in AI has significantly increased in recent years, more than doubling from $42.2 billion in 2020 to $93.5 billion in 2021 (AI Index report, 2022). A recent MIT paper predicts AI will cause significant innovations in the next ten years, creating many new jobs. However, there is currently a significant AI talent shortage in the U.S. and worldwide, and the AI skills gap is expected to widen in the future. Therefore, pursuing an AI/machine learning job is a solid choice specifically for recent university graduates to secure a high-paying position that will be in demand for decades. This course was designed for students within various disciplines, such as Information Systems, Business Analytics, Marketing, Finance, and Accounting, to learn the basics of Artificial Intelligence (AI) and how AI is applied to business. In addition, students learn how to work with SAS Viya, the SAS platform for AI and Machine Learning. This course could be the students' first yet most important step in preparing for the AI job market.

CIS 410 Selected Topics in Information Systems 3 Credits
Information and communication technologies are evolving rapidly and continually. The Special Topics course facilitates the exploration of a selected topic (or combination of topics) that represents a recent technological advance with important and direct implications in the field of computer information systems. Current research, readings, lectures, discussions and/or hands-on computer experience or other appropriate measures will be employed to stimulate student learning.
Prerequisite(s): to be determined by instructor.

CIS 430 Enterprise Integration 3 Credits
The major focus of this course includes the forces driving enterprise integration as well as the management decisions associated with the design and implementation of enterprise systems. Students will use SAP ERP extensively to configure, build, test, and implement an enterprise system for a real business environment from the ground up.
Prerequisite(s): CIS 315.

CIS 490 Independent Study: Research and Creative Expression 1-4 Credits
Topic to be approved by professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.
Prerequisite(s): permission of instructor.

CIS 491 Computer Information Systems Internship 3 Credits
This is an honors course that provides the student with approximately two months of supervised employment with participating companies. Students are given a variety of information technology experiences. They are required to complete a term paper and/or to make an oral presentation to the faculty. Grading is on a pass/fail basis.
Prerequisite(s): permission of instructor.

MSD 104 Intro to Quantitative Methods 3 Credits
The aim of this course is to give students the preparation in algebra needed for successful completion of other required courses in management sciences and the functional areas of business administration. Topics covered include linear and quadratic equations and functions, systems of linear equations, exponential functions, logarithms, linear inequalities, radicals, percent change, scientific notation and scientific digits.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 106 Quantative Methods for Business II 3 Credits
An introduction to calculus. The limit, derivative, optima and integral of a function of one variable, as well as optimization of a function of two variables, are covered. Applications to problems in business and economics are discussed.
Prerequisite: MSD 105 or equivalent.

MSD 110 Math for Actuarial Science I 3 Credits
The first of two courses designed to give the actuarial science student the necessary background in calculus. Topics include a brief review of a function, and introduces limits and continuity, the derivative and its applications, implicit differentiation, differentiating an inverse function, differentials, related rates, curve sketching, optimization problems, L'Hopital's rule, and an introduction to the indefinite integral. Fall.

MSD 111 Math for Actuarial Science II 3 Credits
A continuation of MSD 110. Topics include the definite integral and the fundamental theorem of calculus, change-of-variable theorems, the area between two graphs, integration by parts, improper integrals, infinite series, partial differentiation of a function of two variables and its optimization applications, and the double integral of a function of two variables.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

MSD 260 Principles of Risk Management 3 Credits
The objective of this course is to provide students with a broad framework for evaluating all types of risk, along with conceptual tools for making risk management decisions rationally. The course focuses on studying the risk assessment and management techniques, methods, and predictive models used in industry to minimize, control, and communicate risks, including conducting various risk management protocols. This course covers the fundamental knowledge for the Associate in Risk Management (ARM) Designation of Institutes.
Prerequisite(s): CIS 185.

MSD 301 Operations Management 3 Credits
This course introduces students to the concepts and techniques necessary to manage firm operations. The course emphasizes enhancing students' ability in problem-solving and decision-making by (1) identifying operations problems, (2) structuring decision-making process, (3) evaluating options that provide resolution of the problems using appropriate and proven techniques. It is well recognized that today's global business competition is among supply chains. Operations management concentrates on the supply side of the corporate strategy of a supply chain, where the bulk of the organization resources are committed. Good management of operations, which may also be called management of supply chain operations, is crucial in achieving an effective supply chain. The emphasis on systematic thinking and analytic decision model discussed the course will also provide students with necessary skills and useful tools in the emerging field of Business Analytics.
Prerequisite(s): MSD 200 or MSD 205 or MTH 341.

MSD 320 Statistics for Risk Modeling I 3 Credits
This is the first course in a two course sequence to prepare actuarial science students for the Society of Actuaries' (SOA) new exam "Statistics for Risk Modeling." This course (SRM I), together with the second course of the sequence SRM II, cover all the topics in the SOA's proposed syllabus for the exam. The course covers two major topics: (i) Generalized Linear Models, and (ii) Regression-based time series models and forecasting.
Prerequisite(s): MSD 205 or MTH 341.

MSD 325 Statistics for Risk Modeling II 3 Credits
This is the second course in the two course sequence to prepare actuarial science students for the Society of Actuaries (SOA) new exam "Statistics for Risk Modeling." This course, together with MSD 320, will cover all the topics in the SOA's proposed syllabus for the exam. This course examines the use of statistical learning methods to adequately model and understand complex datasets in business and economics. The use of the statistics software R to analyze realistic data sets is an important component of the course. Topics include: (i) Basics of Statistical Learning; (ii) Principal Components Analysis; (iii) Decision Trees; and (iv) Cluster Analysis.
Prerequisite(s): MSD 205 or MTH 341 or equivalent course.

MSD 330 Predictive Modeling and Applications 3 Credits
This course covers a broad range of predictive models in the areas of parametric and non-parametric statistical methods. Examples include time series models and data mining. It focuses on building theoretical foundations underlying these methods and their applications to empirical data such as forecasting time series and classifications. Students are expected to acquire advanced predictive modeling skills and be comfortable with using statistics software R after taking this course. This is a required course for Actuarial Science students in preparation for the Society of Actuaries' "Statistics for Risk Modeling" exam, and an elective course for Business Data Analytics major and minor students who are interested in deepening their skills in predictive analytics.
Prerequisite(s): MSD 205 or MTH 341.

MSD 350 Financial Mathematics 3 Credits
A thorough treatment of the theory and applications of compound interest. Topics include the measurement of interest, elementary and general annuities, amortization schedules and sinking funds, and bonds and other securities.
Prerequisite(s): MSD 205 or equivalent. Fall.

MSD 361 Risk Assessment and Analysis 3 Credits
This course teaches students how to evaluate, and successfully treat risk in different organizations with advanced techniques. Students will learn about risk assessment methodologies, and different tools for risk analysis to avoid, retain, transfer, and benefit from risk. By the end of the course, students will have the skills needed to apply risk assessment and analysis methods in real-world situations. This course provides additional knowledge and hands-on experience for the Associate in Risk Management (ARM) Designation of Institutes.
Prerequisite(s): MSD 260.

MSD 490 Independent Research and Study 3 Credits
Topic to be approved by professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.

MSD 491 Management Sciences Internship 3 Credits
This Internship course will provide students with supervised employment (approximately two months) with participating companies. Students are given a variety of work experiences. They are required to complete a term paper for the faculty and receive feedback from the supervised employment.
Prerequisite(s): Permission of instructor.

International Business

Program Overview

The international business co-major is designed to enable students in the Norm Brodsky College of Business to expand the breadth and depth of their knowledge by combining international business with another business major.

Concurrent business majors include accounting, business administration, business analytics, entrepreneurial studies, finance, global supply chain management, health care management, human resource management, information systems, management and leadership, marketing, and sport management.

Student Learning Outcomes

An international business graduate will demonstrate the ability to:

- analyze cultural groups to discover how their differences affect their relation to one another;
- analyze cultural differences and rules regarding business practices;
- articulate how their own sense of culture has developed responsiveness to other cultures;
- identify culturally conscious communication practices with other cultures.

Curriculum Overview

Students in the international business co-major take four international business electives from a list including such courses as international advertising, international business law, business of global sport, business process design for a global economy, international trade and investment, comparative economic systems, international entrepreneurship, international finance, international management, and international marketing. Students may also use an independent research and study (CBA 490) with an international business focus to count as an international business elective.

Students also take an experiential elective such as a global business internship, a global business study tour, independent study or a study abroad program.

To further expand students' global perspective, international business co-majors are required to take a global liberal arts elective course. This can count as one of the four liberal arts electives required for the degree.

Degree Offered

- B.S.B.A. in International Business

Contact:

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Program Website: www.rider.edu/academics/colleges-schools/cba/undergraduate/international-bu... (http://www.rider.edu/academics/colleges-schools/cba/undergraduate/international-business/)
Associated Department/College: The Norm Brodsky College of Business

Related Programs:

- Accounting (p. 19)
- Business Administration (p. 91)
- Information Systems (p. 337)
- Entrepreneurial Studies (p. 240)
- Human Resource Management (p. 333)
- Management and Leadership (p. 372)
- Marketing (p. 386)

International Business Major Requirements

- Business Administration Courses (p.)
- Liberal Arts Course Selections (p.)

Business Administration

(15 credits)

Code	Title	Credits
International Business Electives		
Select four of the following:		12
GSC 115	Introduction to Global Supply Chain Mgt.	
BUS 375	International Business Law	
CBA 490	Independent Research and Study	
CIS 375/GSC 375	Business Process Design for a Global Economy	
ECO 305	Internatl Trade and Investment	
ECO 315	Comparative Economic Systems	
ENT 375	International Entrepreneurship	
FIN 308	International Finance	
MGT 375	International Management	
MKT 330	International Marketing	
MKT 369	International Advertising	
SPT 320	Business of Global Sport	
Experiential Elective		
Select one of the following: [1]		3
BUS 492	Global Business Internship	
CBA 315	International Business Tour	
CBA 316/IND 316	Nature's Business	
CBA 317	Emerging Nations Study Tour	
CBA 490	Independent Research and Study	
GSC 315	International Business Tour	
IND 210	Global Encounters [2]	
MUS 312	The Arts Abroad	
POL 317	Model United Nations	
Global Liberal Arts Requirement		**3**
Select one course (3 credits) from the list of approved global arts electives below. Global Liberal Arts electives include courses in the humanities, social sciences, and foreign languages.		
CHI 310	Chinese Culture and Civilization	
COM 252	Intercultural Communication	
ENG 281	Global Film History: Origins to 1960	
ENG 282	Global Film History: 1961 to Present	
ENG 337	Global Literature	
FMS 250	Global Film History: Origins to 1960	
FMS 251	Global Film History: 1961 to Present	
GLS 180	Understanding Global Relations	
GLS 201	Politics of the Global Economy	
GLS 285	The Student Global Village	
GLS 310	Ethnographic Film	
GLS 318	Global Political Film	
HCP 303	Global Health and Human Rights	
HIS 191	Europe Since 1715	
HIS 249	Women in Europe from Antiquity to the French Revolution	
HIS 333	20th-Century Europe	
IND 210	Global Encounters [2]	
LIT 250	Masterworks of Western Literature I	
LIT 251	Masterworks of Western Literature II	
MUS 308/GLS 308	World Music	
PHL 207	Asian Philosophy	
POL 215/GLS 215	Global Politics	
POL 216	Comparative Political Systems	
POL 329/GLS 329	Comparative Environmental Policy	
POL 365/GLS 365	Politics of the Developing World	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
Any foreign language elective		
Total Credits		**18**

1 A semester-long study abroad program may be used to count toward this requirement.

2

International Business majors can use IND 210 to fulfill the Experiential Elective requirement or the Global Liberal Arts requirement but not both.

Courses and Descriptions

BUS 375 International Business Law 3 Credits
This course considers the impact of international organizations and treaties on global business and examines the various methods of international dispute resolution. Important legal and ethical issues related to conducting business overseas are discussed including the topics of labor and employment rights, environmental law, and intellectual property.
Prerequisite(s): 54 credits.

CIS 375 Business Process Design for a Global Economy 3 Credits
The course is aimed at generating a comprehensive understanding of the emergent domain of global business process outsourcing. Variously referred to as knowledge process outsourcing, IT-enabled services outsourcing, and business services outsourcing, the industry has seen enormous growth over the last decade and continues to grow. India commands the single largest share of this market but South Africa, Eastern Europe, Philippines, Morocco and Egypt have all emerged as other contenders in this global sector. The course is divided into four modules: the political economy of global outsourcing, process modeling, outsourcing management, and industry analysis. Please note: Students will not receive credit for both CIS 375 and GSC 375.
Prerequisite(s): junior standing.

ECO 305 Internatl Trade and Investment 3 Credits
Studies the theory, institutions, and structures underlying the international flow of trade and investment. Topics are: the theory of international trade; balance of payment analysis; the international monetary system; adjustment to balance of payment disequilibrium; regional economic integration; the economic effects of trade restrictions; and trade and foreign investment problems of developing nations.
Prerequisite(s): ECO 200 and ECO 201.

ECO 315 Comparative Economic Systems 3 Credits
Provides a conceptual framework for classifying and comparing economic systems. Presents theory of the capitalist market economy and case studies of the U.S., Japanese, French, and Swedish economies. Examines theory of the centrally planned economy, its transition, and case studies of the Soviet and its successor states, Chinese, and East European economies. Case studies are necessarily limited, concentrating on selected topics, such as transition strategies, industrial policy, etc.
Prerequisite(s): ECO 200 and ECO 201.

ENT 375 International Entrepreneurship 3 Credits
Students will learn how new or small ventures enter international markets. Requirements include developing a case about starting or running a venture in a single country of the student's choice.
Prerequisite(s): MGT 201 and junior standing.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

GSC 115 Introduction to Global Supply Chain Mgt. 3 Credits
This course introduces students to components of global supply chains and issues of managing the global supply chain. It is designed as a survey course to give first or second year business students a general view of supply chain management at both domestic and international levels, as well as familiarize them with basic concepts and major challenges of supply chain management. Delivery of course material will include lectures and guest speakers from industry, and in-class logistics mini cases.

MGT 375 International Management 3 Credits
This course explores the ways in which culture impacts management practices and organizational behavior and dynamics. Topics include cross cultural communication, expatriate selection and training, leading and motivating cross cultural teams, developing organizational strategies to compete in a global market place, international business ethics, and current topics.
Prerequisite(s): MGT 201.

MKT 330 International Marketing 3 Credits
This course examines the global marketplace and the complexities of its environmental influences, and necessary adaptations in formulating the strategies for product, pricing, promotion, channel and supply chain management.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 369 International Advertising 3 Credits
This course introduces students to the general landscape of international advertising with emphasis on understanding the opportunities and challenges entailed in international advertising management. The course will cover the subject from three aspects, including the international advertising environment, the international advertising industry, and international advertising strategies.
Prerequisite: MKT 200; 30 credits completed.

SPT 320 Business of Global Sport 3 Credits
The course explores the diverse challenges and issues facing the managers of sport enterprises in the context of the global marketplace. Issues of governance, cross-cultural interactions and business activities will be examined as they relate to modern sport at the international level. By evaluating case studies and examining current issues in the field, students will gain an understanding of the relationships and responsibilities associated with being a business professional in the global sport industry.

Legal Studies

Program Overview

The Legal Studies minor provides students with an in-depth knowledge and understanding of the nature and development of law, legal institutions and processes, and the relationship ethical and social issues in the business world. Courses in the program include a wide spectrum of academic departments and programs so students may benefit from studying law from diverse perspectives. Students can focus their course of study around their specific career goals by completing the required courses and selecting from a range of elective courses within the program. In addition, the Legal Studies minor can often be combined with other major and minor programs.

Degree Offered:

- Minor in Legal Studies

Contact

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Program Website: Legal Studies
Associated Department: Department of Sport Management and Legal Studies

Legal Studies Minor Requirements

(18 Credits)

Code	Title	Credits
Required courses:		**9**
BUS 210	Intro to Law: Contracts	
BUS 300	The Legal and Ethical Environment of Business	
LAW 450	Law & Justice Senior Seminar	
Elective Courses: Select three from the following list:		**9**
BUS 211	Commercial Law	
BUS 214	Advanced Business Law	
BUS 315	Health Care Law, Ethics & Policy	
BUS 375	International Business Law	
BUS 444	Selected Topics Business Policy	
COM 301	Communication Law	
HIS 301	Constitutional History of U.S.	
HRM 312	Intro to Labor Relations	
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355/SPT 355	Sports and the Law	
LAW 490	Independent Study: Research and Creative Expression	
LAW 491	Internship in Law and Justice	
POL 300	U.S. Constitutional Law	
Total Credits		**18**

Note:

Business majors may double-count a maximum of two courses toward another program.

Courses and Descriptions

BUS 210 Intro to Law: Contracts 3 Credits
An introduction to the origin of current law, with emphasis on the development of business law, students are exposed to legal terminology and acquainted with the system of application of rules of law to actual situations. The laws of contracts, particularly common-law developments, are considered in great detail.

BUS 211 Commercial Law 3 Credits
The law as related to the sale of goods, commercial paper, and secured transactions as promulgated by the Uniform Commercial Code is considered in depth. Warranties, guarantees, remedies, and product liability are explored. The laws of bankruptcy and insurance are also considered.
Prerequisite(s): BUS 210.

BUS 214 Advanced Business Law 3 Credits
This course provides students with an introduction to the fundamentals of individual and organizational forms of doing business. The laws governing agency, partnerships, corporations, and the purchase and sale of securities will be explored. The legal consequences of the relationships, and the rights and duties of the parties and entities will be discussed, as will the rules of law governing real, personal, and intellectual property, including the transfer of title to real property, the various types of bailments, the landlord-tenant relationship, and the laws concerning wills, trusts, and estates. The concerns of businesses that compete in the global environment through the study of international law will also be discussed. This course replaces the property (BUS 213) and business associations (BUS 212) courses; you may not take this course if you have taken either of these courses.
Prerequisite(s): BUS 210.

BUS 300 The Legal and Ethical Environment of Business 3 Credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered.
Prerequisite(s): 54 credits.

BUS 315 Health Care Law, Ethics & Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system.
Prerequisite(s): 24 credits.

BUS 375 International Business Law 3 Credits
This course considers the impact of international organizations and treaties on global business and examines the various methods of international dispute resolution. Important legal and ethical issues related to conducting business overseas are discussed including the topics of labor and employment rights, environmental law, and intellectual property.
Prerequisite(s): 54 credits.

BUS 444 Selected Topics Business Policy 3 Credits
The study of a selected topic of contemporary interest related to one or more of the following: strategic management, business law, business ethics, social responsibility, legal environment of business. Readings, research, lectures, discussions, and other methods will be used.
Prerequisite(s): to be determined by instructor.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

HIS 301 Constitutional History of U.S. 3 Credits
Surveys the English, Colonial, and Confederation backgrounds of American law and constitutionalism; the framing, adoption, and implementation of the Federal Constitution and its later development; the role of law in the nation's history; the changing interpretations of federalism; the growth of judicial review; and the increasing role of the Supreme Court.

HRM 312 Intro to Labor Relations 3 Credits
This course deals with the relationship of labor unions and management, the fundamentals of collective bargaining, and labor legislation. The structure and growth of unions as well as the relationships and problems that exist among private and public sector organizations, the labor force, and government are surveyed.
Prerequisite(s): MGT 310 or permission of instructor.

LAW 305 Trial Advocacy 3 Credits
Students will apply fundamental legal concepts and rules of evidence to specific cases. By engaging in trial simulations, students will evaluate various forms of evidence, identify legal principles and evidentiary rules that impact a criminal trial, learn about trial procedures, pursuit of case theories, and witness, exhibit and jury selection.

LAW 308 Conflict & Conflict Resolution 3 Credits
Focuses on understanding the meaning of conflict and strategies for its resolution. The course examines the ways conflict functions in various social contexts including professional, community, family, education, and international relations. Traditional models of adjudication will be compared to alternative forms of dispute resolution. Students will be introduced to research on the practice and effectiveness of various forms of conflict and conflict resolution. Students will participate in various class exercises, including role-plays, simulations, and case studies.

LAW 310 Cyberspace Law and Policy 3 Credits
Explores the legal and policy concerns raised by the Internet, nationally and globally. The course considers issues of legal regulation of the Internet, and consider the debate about whether cyberspace can or should be regulated. Attention will be given to the applicability of principles of law and models of regulation. Topics addressed will include jurisdiction, freedom of expression, intellectual property, privacy protection, safety concerns, equal access, electronic commerce, and computer crime.

LAW 355 Sports and the Law 3 Credits
Examines the legal, ethical, economic, social and managerial issues related to sports. Topics include liability issues, contracts, employment discrimination, antitrust law, and constitutional law. Note: This course is cross-listed as SPT 355. Students may not get credit for both LAW 355 and SPT 355.

LAW 450 Law & Justice Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of law and legal institutions and applies it to a specific legal topic, method, institution, or controversy. Topics will vary. Students explore the social, political, ethical, and economic issues relevant to the topic. Students will be expected to contribute to seminar discussions and to complete projects related to the seminar theme. Required for seniors in law and justice minor and open to others by permission of the Director of the Law and Justice Program.

LAW 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

LAW 491 Internship in Law and Justice 1-4 Credits
Provides supervised work experience in an institution, office, or agency related to law or law enforcement, such as courts, prosecutor/defense attorney offices, private law offices, state agencies, and local police departments. Students are expected to apply and broaden the knowledge obtained from law and justice minor courses to their fieldwork experience.
Prerequisite(s): 2.75 GPA and permission of the Director of the Law and Justice program.

POL 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as HLS 300. Students may not get credit for both HLS 300 and POL 300.

Management and Leadership

Program Overview

The manager's job is fast-paced and requires the ability to make decisions and facilitate the work of others. The management and leadership major gives students the knowledge and skills they need to compete in a rapidly changing global marketplace. Firms of all sizes and in all fields need good managers who know how to motivate subordinates, manage teams, resolve conflicts, and lead by example. Businesses want new employees who can handle themselves as subordinates, supervisors, and team members. Whether students are looking for a position with a medium to large organization or thinking of starting companies of their own, the management and leadership major provides the knowledge and skills they will need to be successful.

A 12 credit Certificate in Management and Leadership is offered to complement any major area of study. The ability to motivate and inspire others toward a common goal is a highly desirable skill that is relevant to almost any work context. The certificate will also provide students with an advantage in their job search as employers highly value students with superior leadership skills. Students will gain an understanding of important leadership skills, which are valued in all work settings across all industries.

Curriculum Overview

Courses in the program include Team Management, Management Skills, Introduction to Human Resource Management, Managing Workforce Diversity, Ethical Management, Small Business Management, Negotiation, International Management, Advanced Leadership, and more.

Degree Offered

- B.S.B.A. in Management & Leadership
- Certificate in Management & Leadership

Contact

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Program Website: Management & Leadership B.S.B.A (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/management-and-leadership/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)

Related Programs

- Entrepreneurial Studies (p. 240)
- Health Care Management (p. 314)
- Human Resource Management (p. 333)
- Sport Management (p. 532)

Requirements for the Major

(18 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
MGT 355	Team Management [1]	3
MGT 363	Management Skills [1]	3
MGT 450	Advanced Leadership	3
Select three of the following:		9
ENT 348	Small Business Management	
ENT 448	Small Business Consulting Sem	
MGT 310	Intro to Human Resource Mgmt	
MGT 320	Managing Workforce Diversity	
MGT 346	Negotiation	
MGT 375	International Management	
MGT 410	Ethical Management	
MGT 421	Sel Topics:Mgt & Organztn Behv	
MGT 490	Independent Research and Study	
Total Credits		**18**

1

Management and Leadership students who choose to apply either MGT 355 or MGT 363 toward the Leadership Elective must complete an additional 3 credits of free electives for graduation.

Note: An average grade of "C" or better is required in the 18 semester credit hours that are required for the management and leadership major. Majors are encouraged to take MGT 491 Internship as a free elective.

Management and Leadership Certificate

(12 credits)

All Management Certificate participants must successfully complete and achieve grades of C- or better in each of these management courses:

Code	Title	Credits
Required Courses:		
MGT 201	Fund Management & Org Behavior	3
MGT 320	Managing Workforce Diversity	3
MGT 355	Team Management	3
MGT 363	Management Skills	3
Total Credits		**12**

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Humanities Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
Management & Leadership Elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385	Management Information Systems	3

MGT 355 or MGT 363	Team Management or Management Skills	3
Free Elective		3
Social Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MSD 301	Operations Management	3
MGT 355 or MGT 363	Team Management or Management Skills	3
MGT 375	International Management [3]	3
Free Elective		3
Liberal Arts Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Mgmt & Leadership Elective		3
Free Elective (International Business) [3]		3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MGT 450	Advanced Leadership	3
Free Elective		3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Note: The Leadership Elective requirement is not listed above because MGT 355 (Team Management) and MGT 363 (Management Skills), which are required for the Management & Leadership major, both satisfy the Leadership Elective requirement. An additional 3-credit free elective has been added in the plan above.

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business	3
	Semester Credit Hours	**15**
JTerm		
Social Science Elective		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
Humanities Elective		3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MGT 355 or MGT 363	Team Management [2] or Management Skills	3
Mgmt & Leadership Elective		3
Free Elective		3
Liberal Arts Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3

CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MGT 355 or MGT 363	Team Management [2] or Management Skills	3
MGT 375	International Management [1]	3
Free Elective		3
Free Elective		3
	Semester Credit Hours	**18**
JTerm		
Free Elective		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MGT 450	Advanced Leadership	3
Management & Leadership Elective		3
Free Elective (International Business) [1]		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses (MGT 375 International Management) or as free elective courses.

2

The Leadership Elective requirement is not listed because MGT 355 Team Management and MGT 363 Management Skills (required for the Management major) both satisfy the Leadership Elective requirement. An additional 3-credit free elective has been added.

Additional Notes:

- This accelerated plan assumes no AP or other credits were transferred into Rider University.
- Business Honors students will have a different sequence.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448, ECO 450.)

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

MGT 329 Research Methods in Organizational Psychology 4 Credits
his course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 329L Research Methods: Org Psy Lab 0 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 336 Career Management 3 Credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this course. The meaning of work and the development of careers are discussed, and students undertake self-assessment for the purpose of career planning. Careers are examined in the context of important changes occurring today in the world of work. The impact of the executive, organizational counselors and trainers, and the educational system upon the development of human potential is examined, along with the techniques for human resource planning and development.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 346 Negotiation 3 Credits
The purpose of this course is first, to explore the major concepts and theories behind effective negotiating practices and second, to develop negotiating skills applicable to a wide range of contexts. A knowledge of negotiation is a crucial requirement for anyone interested in a business career since it is a common mechanism for implementing change and for resolving conflict in the workplace. Topics will include two-party negotiations, power and politics, mediation, arbitration, and collective bargaining. A variety of teaching techniques will be used including readings, discussion, and role-playing.
Prerequisite(s): MGT 201 or permission of the instructor.

MGT 355 Team Management 3 Credits
This course prepares students to work in organizations that use teams as an integral part of their functioning-an increasingly common practice. The class involves intensive group interaction, focusing on individual growth in group settings. Working with other students in role-plays, exercises, and team assignments allows the student to develop better communication and leadership skills.
Prerequisite(s): MGT 201 or PSY 210.

MGT 363 Management Skills 3 Credits
The focus of this course is on specific skills necessary for success in a management role. These skills include leading, communicating effectively, delegating, conflict and time management and motivating others. Students will have opportunities to practice skills and to apply their knowledge to business cases.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 375 International Management 3 Credits
This course explores the ways in which culture impacts management practices and organizational behavior and dynamics. Topics include cross cultural communication, expatriate selection and training, leading and motivating cross cultural teams, developing organizational strategies to compete in a global market place, international business ethics, and current topics.
Prerequisite(s): MGT 201.

MGT 399 Co-Op in Management and Leadership 6 Credits
This co-op program provides management students with an opportunity to work full-time in a company and apply what they have learned in their Management and Leadership classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a work journal and reflection paper. Supervising faculty will meet with the student regularly to discuss their progress and accomplishments in the co-op. Co-op credits can be applied toward business or free elective requirements.
Prerequisites: Junior status with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in the major.

MGT 410 Ethical Management 3 Credits
Managers today face a broad range of ethically challenging situations. This course will help students to confront and analyze ethical dilemmas effectively in the workplace. Cases, simulations, hands-on content will engage students with the material, and will generate robust class discussion.
Prerequisite(s): Completion of MGT 201 and Leadership Requirement course.

MGT 421 Sel Topics:Mgt & Organztn Behv 3 Credits
The seminar focuses on an area of study announced at the time of registration (students should check the registration material). Examples of possible topics are: leadership, motivation, and organizational behavior research. Prerequisites vary according to the topic and are listed in the registration material.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 450 Advanced Leadership 3 Credits
Leadership is the ability to influence a group of people towards a goal. In this course, students will increase their own leadership capacities so that they can become effective leaders of organizations and teams. They will integrate what they have learned from their experience and other coursework with diverse reading and writing assignments and team projects as they explore complex leadership issues related to vision, communication, motivation, ethics, team dynamics, power, and change management.
Prerequisite(s): MGT 201; Leadership elective (LDP 200, LDP 220, LDP 398, MGT 355, MGT 363).

MGT 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or MGT major elective.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 491 Intern Management/Org Behavior 3 Credits
Provides the student with the opportunity to supplement and apply their management and leadership classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): major in management and leadership or human resource management and MGT 363, or senior status; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

Management and Leadership/Human Resource Management Double Major

Program Overview

Rider's management and leadership major gives students the knowledge and skills they need to compete in a rapidly changing global marketplace. Whether students are looking for a position with a medium to large organization or thinking of starting companies of their own, the management and leadership major provides the knowledge and skills they will need to be successful.

Human Resource Management (HRM) professionals are vital to organizations. With private and public-sector organizations becoming more concerned with issues such as legal compliance, corporate culture and ensuring employee work behaviors are aligned with strategic objectives, the demand for well-trained HRM professionals is constantly growing. They establish and implement policies that affect such organizational functions as recruitment, selection, training and development, performance management, compensation and benefits.

Curriculum Overview

Management and Leadership

Rider's management and leadership major opens the possibility of becoming a manager and leader in any industry or field. Businesses want their new employees to handle themselves as subordinates, supervisors and team members. Our management and leadership major provides hands-on training in these people skills. The major also provides students with a comprehensive understanding of management theories, so that

students don't have to learn what works and what doesn't by trial-and-error on-the-job.

Human Resource Management

Human resource management professionals establish and implement policies that influence recruitment, selection, training and development of employees. They also work in areas of development, performance management, compensation, and benefits. HRM professionals may be involved with human resource planning, job design and developing and implementing strategy.

Our HRM program has been ranked among the top 20 Human Resource Management programs in the US, and placed as the #3 undergraduate HRM program in New Jersey by College Factual. The Society of Human Resource Management (SHRM) has acknowledged that our curriculum is fully aligned with SHRM's competency model for the HR profession. This connection to the profession, coupled with Rider's engaged learning program, makes Rider a great place to study Human Resource Management.

The department majors are valuable for students who want to pursue graduate studies in HRM, management, law and psychology. The majors may be taken alone, together or in combination with another major offered by the College of Business Administration.

Degree Offered

- B.S.B.A. in Management and Leadership
- B.S.B.A in Human Resource Management

Contact

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Program Website: M (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-majors-programs-0/managemen/)anagement and Leadership (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/management-leadership/)

Associated Department: Department of Management and Leadership (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/management-leadership/)

Related Programs:

- Business Administration (p. 91)
- Entrepreneurial Studies (p. 240)
- Health Administration (p. 311)
- Human Resource Management (p. 333)
- Management and Leadership (p. 372)

Requirements for the Double Major

(33 credits)

Code	Title	Credits
Business Core		
See Business Core Requirements (p. 573)		
MGT 310	Intro to Human Resource Mgmt	3
MGT 355	Team Management [1]	3
MGT 363	Management Skills [1]	3
MGT 375	International Management	3
MGT 450	Advanced Leadership	3
HRM 315	Employee Selection & Training	3
HRM 316	Employee Compensation Systems	3
Select four of the following courses, with at least one being an HRM course:		12
HRM 312	Intro to Labor Relations	
HRM 333	Employee Engagement	
HRM 441	Sel. Topics: Human Res Mgt [2]	
MGT 320	Managing Workforce Diversity	
MGT 346	Negotiation	
ENT 348	Small Business Management	
ENT 448	Small Business Consulting Sem	
MGT 410	Ethical Management	
HRM 490	Independent Research and Study	
MGT 490	Independent Research and Study	
MGT 421	Sel Topics:Mgt & Organztn Behv [2]	
Total Credits		**33**

1

Management and Human Resource Management double majors have the option of completing MGT 355 Team Management or MGT 363 Management Skills for their major requirements as well as for their Leadership Elective requirement. If a student chooses to count either MGT 355 or MGT 363 toward the Leadership Elective, the student must complete 3 credits of free elective for graduation.

2

Either MGT 421 or HRM 441 can be taken, not both.

3

Either MGT 490 or HRM 490 can be taken, not both

Note:

- An average grade of "C" or better is required in the 33 semester credit hours that are required for the management and leadership and human resource management double major. Majors are encouraged to take either MGT 491 Intern Management/Org Behavior OR HRM 492 Internship in Human Res Mgt as a free elective.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3

MSD 105	Quantitative Methods for Business [2]	3
Natural Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Humanities Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 310	Intro to Human Resource Mgmt	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
HRM 315	Employee Selection & Training	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MGT 355 or MGT 363	Team Management or Management Skills	3
Major Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MSD 301	Operations Management	3
MGT 355 or MGT 363	Team Management or Management Skills	3
Major Elective		3
Liberal Arts Elective		3
Free Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
HRM 316	Employee Compensation Systems	3
MGT 375	International Management [3]	3
Major Elective		3
Free Elective (International Business) [3]		3
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MGT 450	Advanced Leadership	3
BUS 400	Strategic Management and Policy	3
Major Elective		3
Social Science Elective		3
Free Elective		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

3

Students are required to complete 6 credits of International Business Electives which can be fulfilled as major courses or as free electives.

Note: The Leadership Elective requirement is not listed becauseMGT 355 (Team Management) and MGT 363 (Management Skills), which are required for the Management & Leadership major, both satisfy the Leadership Elective requirement. An additional 3-credit free elective has been added.

HRM 312 Intro to Labor Relations 3 Credits
This course deals with the relationship of labor unions and management, the fundamentals of collective bargaining, and labor legislation. The structure and growth of unions as well as the relationships and problems that exist among private and public sector organizations, the labor force, and government are surveyed.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 313 Legal Aspects of Human Res Mgt 3 Credits
This course deals with the various laws that affect human resource management, including social insurance, legislation, minimum wage laws, OSHA , ERISA, as well as equal employment opportunity legislation. This course is concerned not only with the provisions of these laws, but also with their constitutionality, their effects, and how they are administered.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 315 Employee Selection & Training 3 Credits
This course explains the processes involved in selecting and training employees. With regards to selection, specific examples include, evaluating applicant credentials, administering pre-employment tests and complying with equal employment opportunity legislation. With regards to training, topics include assessing the need for training, designing effective training programs, utilizing methods such as technology to deliver training, and evaluating the effectiveness of training programs.
Prerequisite(s): MGT 310.

HRM 316 Employee Compensation Systems 3 Credits
The goal of this course is to familiarize you with the common methods of compensation used by today's organizations and how these methods could be used to increase motivation, job satisfaction, and performance in the workplace. To accomplish this, we will first discuss the bases of motivation in the workplace. Next, we will then talk about the various compensation options and techniques and the strengths and weaknesses of each in maximizing motivation and performance in an organization.
Prerequisite(s): MGT 310.

HRM 333 Employee Engagement 3 Credits
Employee Engagement is commonly described as a focused passion and enthusiasm that employees bring to their work that produces high-quality performance and positive organizational outcomes such as enhanced firm reputation, customer loyalty, and profitability. In this course, students will explore the concept and value of Employee Engagement, and strategies for energizing an organization's workforce. Projects and activities will focus on the role of the Human Resource function in measuring employee attitudes, designing relevant interventions, and influencing a culture of engagement.
Prerequisite(s): MGT 310.

HRM 441 Sel. Topics: Human Res Mgt 3 Credits
Deals with one area of study in the field of human resource management such as protective labor legislation, mediation and arbitration, the administration of labor unions, or case problems in human resource management. The topic varies each semester and is announced at the time of registration.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or HRM major elective.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 491 Internship 1-4 Credits
Provides the student with the opportunity to supplement and apply human resource management coursework in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing work experiences. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): Junior or Senior; Major in human resource management and MGT 310; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

HRM 492 Internship in Human Res Mgt 3 Credits
Provides the student with the opportunity to supplement and apply their human resource management classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions. 2.75 GPA overall and 3.0 GPA in the major is required.
Prerequisite(s): major in human resource management or management and leadership, and MGT 310; senior status; and permission of instructor.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

MGT 329 Research Methods in Organizational Psychology 4 Credits
his course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 329L Research Methods: Org Psy Lab 0 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 336 Career Management 3 Credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this course. The meaning of work and the development of careers are discussed, and students undertake self-assessment for the purpose of career planning. Careers are examined in the context of important changes occurring today in the world of work. The impact of the executive, organizational counselors and trainers, and the educational system upon the development of human potential is examined, along with the techniques for human resource planning and development.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 346 Negotiation 3 Credits
The purpose of this course is first, to explore the major concepts and theories behind effective negotiating practices and second, to develop negotiating skills applicable to a wide range of contexts. A knowledge of negotiation is a crucial requirement for anyone interested in a business career since it is a common mechanism for implementing change and for resolving conflict in the workplace. Topics will include two-party negotiations, power and politics, mediation, arbitration, and collective bargaining. A variety of teaching techniques will be used including readings, discussion, and role-playing.
Prerequisite(s): MGT 201 or permission of the instructor.

MGT 355 Team Management 3 Credits
This course prepares students to work in organizations that use teams as an integral part of their functioning-an increasingly common practice. The class involves intensive group interaction, focusing on individual growth in group settings. Working with other students in role-plays, exercises, and team assignments allows the student to develop better communication and leadership skills.
Prerequisite(s): MGT 201 or PSY 210.

MGT 363 Management Skills 3 Credits
The focus of this course is on specific skills necessary for success in a management role. These skills include leading, communicating effectively, delegating, conflict and time management and motivating others. Students will have opportunities to practice skills and to apply their knowledge to business cases.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 375 International Management 3 Credits
This course explores the ways in which culture impacts management practices and organizational behavior and dynamics. Topics include cross cultural communication, expatriate selection and training, leading and motivating cross cultural teams, developing organizational strategies to compete in a global market place, international business ethics, and current topics.
Prerequisite(s): MGT 201.

MGT 399 Co-Op in Management and Leadership 6 Credits
This co-op program provides management students with an opportunity to work full-time in a company and apply what they have learned in their Management and Leadership classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a work journal and reflection paper. Supervising faculty will meet with the student regularly to discuss their progress and accomplishments in the co-op. Co-op credits can be applied toward business or free elective requirements.
Prerequisites: Junior status with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in the major.

MGT 410 Ethical Management 3 Credits
Managers today face a broad range of ethically challenging situations. This course will help students to confront and analyze ethical dilemmas effectively in the workplace. Cases, simulations, hands-on content will engage students with the material, and will generate robust class discussion.
Prerequisite(s): Completion of MGT 201 and Leadership Requirement course.

MGT 421 Sel Topics:Mgt & Organztn Behv 3 Credits
The seminar focuses on an area of study announced at the time of registration (students should check the registration material). Examples of possible topics are: leadership, motivation, and organizational behavior research. Prerequisites vary according to the topic and are listed in the registration material.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 450 Advanced Leadership 3 Credits
Leadership is the ability to influence a group of people towards a goal. In this course, students will increase their own leadership capacities so that they can become effective leaders of organizations and teams. They will integrate what they have learned from their experience and other coursework with diverse reading and writing assignments and team projects as they explore complex leadership issues related to vision, communication, motivation, ethics, team dynamics, power, and change management.
Prerequisite(s): MGT 201; Leadership elective (LDP 200, LDP 220, LDP 398, MGT 355, MGT 363).

MGT 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or MGT major elective.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 491 Intern Management/Org Behavior 3 Credits
Provides the student with the opportunity to supplement and apply their management and leadership classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): major in management and leadership or human resource management and MGT 363, or senior status; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

Marketing

Program Overview

A degree in marketing provides students with the knowledge they need to compete in today's global marketplace. Graduates from the marketing program enter the workforce with a strong background in business, a critical understanding of consumer behavior, ad trends and the know-how needed to reach target audiences and to promote services and products.

Student Learning Outcomes:

A marketing graduate will demonstrate the ability to:

- apply knowledge of the interaction of marketing mix variables with environmental variables and the resulting outcome;
- apply ethical thinking to decision making;
- work with others in team environment;
- use current and emerging technology in the field of marketing;
- demonstrate basic professional skills in oral communication;
- demonstrate basic professional skills in written communication.

Curriculum Overview

As a marketing major at Rider, students have the choice of pursuing one of five marketing tracks: general marketing, advertising, digital marketing, pharmaceutical and health care marketing, or professional selling. These tracks provide all marketing majors with the foundation of knowledge and skills necessary for a marketing career while offering students the opportunity to focus their curriculum on a path that best suits their career interests and goals.

Possible employment opportunities can be found with profit and non-profit and public or private organizations marketing goods or services to consumers, businesses or other organizations.

Degree Offered

- B.S.B.A. in Marketing

Contact

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amishra@rider.edu

Program Website: (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/marketing-advertising/)Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/marketing/)
Associated Department: Department of Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/faculty-departments/marketing/)

Related Programs

- Business Administration (p. 91)
- Communication Studies (p. 114)
- Film and Media Studies (p. 901)
- Entrepreneurial Studies (p. 240)
- Graphic Design (p. 301)
- Journalism (p. 346)
- Public Relations (p. 482)
- Web Design (p. 561)

Marketing Major Requirements

(24 credits)

Students are *required* to complete one of the five tracks shown below :

Tracks for the Marketing Major

- **General Marketing**
- **Advertising**
- **Digital Marketing**
- **Professional Selling**
- **Health Care and Pharmaceutical Marketing**

General Marketing Track

(24 credits)

Code	Title	Credits
MKT 320	Consumer Behavior	3
MKT 330	International Marketing [1]	3
or MKT 369	International Advertising	
MKT 366	Marketing Research	3
MKT 460	Marketing Management Seminar	3
Four additional Marketing Electives are required [2]		12
Total Credits		**24**

1

Only one of MKT 330 or MKT 369 can count in major. General Marketing majors must take a second International Business elective and count it as Free Elective only.

2

MKT 490 & MKT 491 cannot count as MKT electives.

Students are required to complete 6 credits of International Business electives. Marketing majors can only count 3 credits of International Business elective in their major.

Advertising Track

(24 credits)

Code	Title	Credits
MKT 205	Advertising Principles	3
MKT 320	Consumer Behavior	3
MKT 366	Marketing Research	3
MKT 369	International Advertising	3
or MKT 330	International Marketing	
MKT 375	Digital Advertising and Social Media	3
MKT 435	Advertising Campaigns	3
MKT 460	Marketing Management Seminar	3
COM 212	Digital Publication Design [1]	3
Total Credits		**24**

1

This course can count as a required social science elective. If you count it as a social science elective, you must complete an additional 3-credit free elective.

Digital Marketing Track

(24 credits)

Code	Title	Credits
BDA 205	Introduction to Visual Data Analytics	3
OR		
COM 212	Digital Publication Design [1]	
MKT 250	Retailing Management	3
or MKT 260	Service Marketing	
or MKT 310	Business to Business Marketing	
MKT 320	Consumer Behavior	3
MKT 330	International Marketing	3
or MKT 369	International Advertising	
MKT 366	Marketing Research	3

MKT 367	Marketing Web Analytics	3
MKT 375	Digital Advertising and Social Media	3
MKT 460	Marketing Management Seminar	3
Total Credits		**24**

1

This course can count as a required social science elective. If you count it as a social science elective, you must complete an additional 3-credit free elective.

Professional Selling Track

(24 credits)

Code	Title	Credits
MGT 346	Negotiation	3
MKT 250	Retailing Management	3
or MKT 260	Service Marketing	
or MKT 310	Business to Business Marketing	
MKT 320	Consumer Behavior	3
MKT 330	International Marketing	3
or MKT 369	International Advertising	
MKT 340	Personal Selling	3
MKT 366	Marketing Research	3
MKT 440	Sales Management	3
MKT 460	Marketing Management Seminar	3
Total Credits		**24**

Health Care and Pharmaceutical Marketing Track

(24 credits)

Code	Title	Credits
MKT 320	Consumer Behavior	3
MKT 330	International Marketing	3
or MKT 369	International Advertising	
MKT 340	Personal Selling	3
MKT 345/GSC 345	Customer Focus [1]	3
or MKT 310	Business to Business Marketing	
MKT 366	Marketing Research	3
MKT 380	Health Care Marketing	3
MKT 460	Marketing Management Seminar	3
Select one of the following:		3
HTH 205	Introduction to Health Care	
BUS 315	Health Care Law, Ethics & Policy	
Total Credits		**24**

1

GSC 115 will be removed as a pre-requisite for marketing majors in order to take MKT 345.

Concentration in Financial Services

(12 credits)

This program is designed for students interested in the many careers requiring knowledge of finance as well as strong marketing skills, including banking, investment banking, and insurance.

The concentration is available to Finance or Marketing majors in the Norm Brodsky College of Business. Students majoring in Finance are required to complete 12 credit hours in marketing coursework; students majoring in Marketing are required to complete 12 credit hours in finance coursework.

Finance majors may only select this program as a second concentration after they select a primary concentration such as Private Wealth Management.

- for Finance Majors (p. 387)
- for Marketing Majors (p. 388)

Finance Majors

Code	Title	Credits
Required Courses		
MKT 340	Personal Selling	3
MKT 440	Sales Management	3
Elective Courses		
Select two of the following:		6
MKT 260	Service Marketing	
MKT 310	Business to Business Marketing	
MKT 320	Consumer Behavior	
MKT 366	Marketing Research	
MKT 490	Independent Research and Study	
MKT 491/FIN 491	Internship-Based Indep Study	
Total Credits		**12**

Marketing Majors

Code	Title	Credits
Required Courses		
FIN 305	Personal Financial Planning	3
FIN 307	Financial Markets & Institutions	3
FIN 312	Investments	3
Elective Courses		
Select one of the following:		3
FIN 315	Financial Modeling	
FIN 360	Fixed Income and Derivatives	
FIN 412	Investment Analysis	
Total Credits		**12**

Graduation Requirement

In order to complete the concentration, students must achieve a minimum GPA of 2.5 in the concentration coursework, and a minimum grade of "C" in each of the concentration courses.

For information on the Concentration in Financial Services for Finance or Marketing majors please contact:

Anubha Mishra, Ph.D.
Associate Professor and Chairperson
Sweigart Hall
(609) 895-5513
amishra@rider.edu

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Marketing General Concentration (p. 388)
Advertising Concentration (p. 389)
Digital Concentration (where COM 212 is selected) (p. 389)
Digital Concentration (where BDA 205 is selected) (p. 390)
Health Care and Pharmaceutical Concentration (p. 391)
Professional Selling Concentration (p. 391)

Marketing General Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
Marketing Major Elective 1		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
FIN 220	Introduction to Finance	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
Leadership Elective		3
Free Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385	Management Information Systems	3
MSD 301	Operations Management	3
MKT 366	Marketing Research	3
Marketing Major Elective 2		3
Liberal Arts Elective 3		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Marketing Major Elective 3		3
International Business Elective		3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 460	Marketing Management Seminar	3
Marketing Major Elective 4		3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Advertising Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**

Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 205	Advertising Principles	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
COM 212	Digital Publication Design	3
FIN 220	Introduction to Finance	3
MKT 366	Marketing Research	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385	Management Information Systems	3
MKT 375	Digital Advertising and Social Media	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
Free Elective 1		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MKT 369	International Advertising	3
Liberal Arts Elective 4		3
International Business Elective		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 435	Advertising Campaigns	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Digital Concentration (where COM 212 is selected)

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
FIN 220	Introduction to Finance	3
BUS 300	The Legal and Ethical Environment of Business	3
COM 212	Digital Publication Design	3
MKT 366	Marketing Research	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 375	Digital Advertising and Social Media	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
Free Elective 1		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MKT 369	International Advertising	3
International Business Elective		3
Liberal Arts Elective 4		3

Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 367	Marketing Web Analytics	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Digital Concentration (where BDA 205 is selected)

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BDA 205	Introduction to Visual Data Analytics	3
BUS 300	The Legal and Ethical Environment of Business	3
FIN 220	Introduction to Finance	3
MKT 366	Marketing Research	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 375	Digital Advertising and Social Media	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
Free Elective 1		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MKT 369	International Advertising	3
International Business Elective		3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 367	Marketing Web Analytics	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Health Care and Pharmaceutical Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3

ECO 201	Principles of Microeconomics	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
MKT 345 or MKT 310	Customer Focus or Business to Business Marketing	3
MKT 366	Marketing Research	3
Leadership Elective		3
Free Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
HTH 205 or BUS 315	Introduction to Health Care or Health Care Law, Ethics & Policy	3
MKT 380	Health Care Marketing	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MKT 330 or MKT 369	International Marketing or International Advertising	3
MKT 340	Personal Selling	3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 460	Marketing Management Seminar	3
International Business Elective		3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Professional Selling Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective 1		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
COM 290	Professional/Strategic Speech	3
ECO 201	Principles of Microeconomics	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
CBA 236	Career Planning	3
MGT 201	Fund Management & Org Behavior	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
FIN 220	Introduction to Finance	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
MKT 340	Personal Selling	3
Leadership Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 366	Marketing Research	3
MSD 301	Operations Management	3
Liberal Arts Elective 3		3

Free Elective 1		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MGT 346	Negotiation	3
International Business Elective		3
Liberal Arts Elective 4		3
Free Elective 2		3
Free Elective 3		3
	Semester Credit Hours	**15**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 440	Sales Management	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

Notes:

- The plans above assume no AP or other credits were transferred into Rider University.
- Business Honors students may have a different sequence.
- For the Leadership Elective, select either LDP 398 Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning, MGT 355 Team Management, or MGT 363 Management Skills.
- **Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits may be any other course offered by the College of Arts and Sciences.**
- Students are required to complete 6 credits of International Business electives. Marketing majors may only count 3 credits of International Business electives in their major.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448 Seminar in Small Business Consulting, or ECO 450 Seminar in Economic Research.)

3 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Marketing General Concentration (p. 392)
Advertising Concentration (p. 393)
Digital Concentration (where COM 212 is selected) (p. 394)
Digital Concentration (where BDA 205 is selected) (p. 395)
Health Care and Pharmaceutical Concentration (p. 395)
Professional Selling Concentration (p. 396)

Marketing General Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
Marketing Major Elective 1		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
Leadership Elective		3
Liberal Arts Elective 3		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3

Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
Marketing Major Elective 2		3
Marketing Major Elective 3		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 460	Marketing Management Seminar	3
Marketing Major Elective 4		3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Advertising Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 205	Advertising Principles	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
MKT 375	Digital Advertising and Social Media	3
Leadership Elective		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
COM 212	Digital Publication Design	3
MKT 369	International Advertising	3
Liberal Arts Elective 3		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 435	Advertising Campaigns	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Digital Concentration (where COM 212 is selected)

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
MKT 375	Digital Advertising and Social Media	3
Leadership Elective		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
COM 212	Digital Publication Design	3
Liberal Arts Elective 3		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 367	Marketing Web Analytics	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Digital Concentration (where BDA 205 is selected)

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3

CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
MKT 375	Digital Advertising and Social Media	3
International Business Elective		3
Leadership Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
BDA 205	Introduction to Visual Data Analytics	3
Liberal Arts Elective 3		3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 367	Marketing Web Analytics	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Health Care and Pharmaceutical Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 345 or MKT 310	Customer Focus or Business to Business Marketing	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
Leadership Elective		3
Liberal Arts Elective 3		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**

Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
MKT 340	Personal Selling	3
Liberal Arts Elective 4		3
Free Elective 3		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 4		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
HTH 205 or BUS 315	Introduction to Health Care or Health Care Law, Ethics & Policy	3
MKT 380	Health Care Marketing	3
MKT 460	Marketing Management Seminar	3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Professional Selling Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
ECO 200	Principles of Macroeconomics	3
MSD 105	Quantitative Methods for Business [2]	3
	Semester Credit Hours	**15**
JTerm		
Liberal Arts Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 201	Principles of Microeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
Liberal Arts Elective 2		3
	Semester Credit Hours	**15**
Summer Semester		
ACC 210	Introduction to Accounting	3
MKT 320	Consumer Behavior	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
BDA 201	Introduction to Business Analytics	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
MGT 201	Fund Management & Org Behavior	3
MKT 250 or MKT 260 or MKT 310	Retailing Management or Service Marketing or Business to Business Marketing	3
	Semester Credit Hours	**18**
JTerm		
Free Elective 1		3
	Semester Credit Hours	**3**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 212	Business Communications	3
MKT 366	Marketing Research	3
Leadership Elective		3
Liberal Arts Elective 3		3
International Business Elective		3
	Semester Credit Hours	**18**
Summer Semester		
MSD 301	Operations Management	3
Free Elective 2		3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CIS 385 or GSC 385	Management Information Systems or Management Information Systems for Global Supply Chain Management	3
MGT 346	Negotiation	3
MKT 330 or MKT 369	International Marketing or International Advertising	3
MKT 340	Personal Selling	3
Liberal Arts Elective 4		3
	Semester Credit Hours	**18**
JTerm		
Free Elective 3		3
	Semester Credit Hours	**3**
Spring Semester		
BUS 400	Strategic Management and Policy	3
MKT 440	Sales Management	3
MKT 460	Marketing Management Seminar	3
Free Elective 4		3
Free Elective 5		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action may be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3-credit Free Elective.

Additional Notes:

- The above plans assume no AP or other credits were transferred into Rider University.
- Business Honors students may have a different sequence.
- For the Leadership Elective, select from LDP 398 Co-op Experience Seminar, LDP 200 Foundations of Leadership, LDP 220 Service Learning, MGT 355 Team Management, or MGT 363 Management Skills.
- **Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits may be from any other course offered by the College of Arts and Sciences.**
- Students are required to complete 6 credits of International Business electives. Marketing majors may only count 3 credits of International Business electives in their major.
- Students are strongly suggested to complete a credit-bearing experiential course (e.g., internship, co-op, study tour, study abroad, ENT 448 Seminar in Small Business Consulting, or ECO 450 Seminar in Economic Research.)

Courses and Descriptions

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MKT 205 Advertising Principles 3 Credits
Basic theory, functions, principles, and applications of advertising are the focus of this course. The relation of advertising to our economy, the advertising department and the ad agency, selection of media, advertising practices, and the use of research to improve advertising techniques are covered.
Prerequisite: MKT 200.

MKT 250 Retailing Management 3 Credits
The principles underlying successful retailing are analyzed within the framework of the strategic-planning process. Topics covered include location, merchandise planning, customer service, image, atmosphere, layout, pricing, promotion, personnel and operations management.
Prerequisite(s): MKT 200.

MKT 260 Service Marketing 3 Credits
Focuses on the unique challenges of managing services and delivering quality service to customers. Emphasis is placed on the total organization, and how effective marketing and customer focus must be coordinated across multiple functions. The course is applicable to service organizations and to organizations that depend on service excellence for competitive advantage. Topics include customer-focused management, and customer satisfaction, retention, lifetime value and profitability. Students will learn to map services, understand customer expectations, and develop relationship marketing strategies.
Prerequisite(s): MKT 200.

MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

MKT 310 Business to Business Marketing 3 Credits
This course examines the business-to-business marketplace, and the planning and control tools used by its entities in managing the product, pricing, promotion, channel and supply chain management strategies.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 320 Consumer Behavior 3 Credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior.
Prerequisite(s): MKT 200.

MKT 330 International Marketing 3 Credits
This course examines the global marketplace and the complexities of its environmental influences, and necessary adaptations in formulating the strategies for product, pricing, promotion, channel and supply chain management.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 340 Personal Selling 3 Credits
Examines persuasive techniques utilized in sales presentations conducted on a person-to-person basis. Major course emphasis is on developing effective selling techniques; understanding the company, its products and the role of the salesperson in implementing product/market strategies; understanding the customers and the selling environment; application of effective sales presentation techniques; recognizing selling opportunities and careers.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 345 Customer Focus 3 Credits
Marketing supply chain management programs are concerned with the creation and delivery of value to customer and organizations. No longer simply the domain of the warehouse manager or logistics director, supply chain management is viewed by most companies as a mission-critical element. Marketing focuses on developing an understanding of customers and markets, creating products and services based on that understanding, and communicating and delivering the value added. This course will teach the student the essential role of marketing in all aspects of successful supply chain management - relationship management, technological and financial - and it will help the student understand the structure, functions, principles and methods employed in discovering and translating consumer needs and wants into product and service specifications and then transferring these goods and services from producers to consumers or end users.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 350 Retailing Management 3 Credits
The principles underlying successful retailing are analyzed within the framework of the strategic-planning process. Topics covered include location, merchandise planning, customer service, image, atmosphere, layout, pricing, promotion, personnel and operations management.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 366 Marketing Research 3 Credits
Topics include specific research procedures in gathering, processing, analyzing, and presenting information relevant to marketing problems: advertising planning and effectiveness; product development; distribution channels; sales techniques; consumer behavior; and forecasting. Student learning about research planning, implementation, and interpretation is facilitated by the use of projects or cases.
Prerequisite(s): MKT 200 and MSD 205; junior standing.

MKT 367 Marketing Web Analytics 3 Credits
This course teaches web analytics through practical applications with a focus on deriving actionable insights. It provides a broad overview of key web analytics strategies, concepts, issues, challenges and tools. Topics covered include: • How to choose a web analytics tool • Metrics and key performance indicators • Best ways to analyze effectiveness of blogs, marketing campaigns, SEO, SEM and emails • How to utilize quantitative, qualitative and competitive tools to derive actionable insights • How to optimize web sites by incorporating testing and experimentation • Analytics in social, mobile and video • Best practices and pitfalls in web analytics.
Prerequisite(s): MKT 200; junior or senior standing.

MKT 369 International Advertising 3 Credits
This course introduces students to the general landscape of international advertising with emphasis on understanding the opportunities and challenges entailed in international advertising management. The course will cover the subject from three aspects, including the international advertising environment, the international advertising industry, and international advertising strategies.
Prerequisite: MKT 200; 30 credits completed.

MKT 370 Internet Marketing 3 Credits
This course emphasizes the discipline of internet marketing, including practices of leading online marketing companies, state of the art online research and demonstrates how the Internet is creating value for customers and profits for businesses while also fitting into a firm's complete marketing strategy. This course will provide a strategic and tactical toolkit for the online marketer, help students understand how and why the Internet is changing traditional marketing and allow students to develop the skills, strategies and tactics important to develop successful Internet marketing plans.
Prerequisite(s): MKT 200 and CIS 185; junior & senior standing.

MKT 375 Digital Advertising and Social Media 3 Credits
This course surveys the concepts, principles, practices and industry standards of digital advertising, including standard display and rich media advertising, search advertising, email advertising, game advertising, and mobile advertising. It also introduces the strategies and tactics in social media marketing. The course emphasizes a strategic, holistic view of digital advertising and social media as marketing communication tools that are situated in the marketing strategic framework and employed to engage consumers in community building.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 435 Advertising Campaigns 3 Credits
This capstone course for advertising majors provides an opportunity for students to plan comprehensive advertising campaigns. Coverage includes segmentation research, creative development of the campaign, media planning, and determining advertising effectiveness. Integration of advertising into the marketing program will be emphasized.
Prerequisite(s): MKT 205 + additional 9 credits from the Marketing courses for the Advertising Concentration; senior standing.

MKT 440 Sales Management 3 Credits
By means of lectures, discussions, and case studies, the field of marketing management is analyzed from the viewpoint of sales executives. The responsibilities for planning and administering personal selling operations are emphasized. Considerable attention is given to other activities for which sales executives may be wholly or jointly responsible, such as decision making on promotion and brand management.
Prerequisite(s): MKT 200 and senior standing.

MKT 444 Special Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations, as well as special applications of marketing decision-making, may be explored. Readings, research, lectures, discussions, or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): MKT 200; any additional prereqs requested by the instructor.

MKT 460 Marketing Management Seminar 3 Credits
This capstone course for marketing majors employs a top management approach to the overall marketing task, including planning, organizing, controlling, and integrating all the activities of the marketing program. Integration of marketing with other operations of the business unit is emphasized. Major problems and current trends are identified and analyzed through case discussion. Required for marketing majors.
Prerequisite(s): 15 Marketing credits, senior standing.

MKT 469 Selected Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations as well as special applications of marketing decision making may be explored. Readings, research, lectures, discussions, or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): MKT 200 and senior standing.

MKT 490 Independent Research and Study 1-4 Credits
Topic to be approved by the professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.

MKT 491 Internship-Based Indep Study 3 Credits
Provides the student an opportunity to supplement and apply classroom work in supervised employment with participating marketing and advertising firms. Requirements include a journal with a log of daily activities, and a project or term paper presented to and evaluated by the internship sponsor. Evaluation will also include a report by the company on the intern's performance. Credits may be used to satisfy business or free elective requirements.
Prerequisite(s): permission of instructor.

SAP Student Recognition Award Certificate

Program Overview

As a member of the SAP University Alliances program, Rider's Norm Brodsky College of Business offers the *SAP Student Recognition Award* certificate to students who satisfactorily complete a minimum of three courses with at least one-third SAP hands-on content in each course. Students who earn the award will demonstrate the depth and breadth of their knowledge using state-of-the-art software, developing valuable skills relevant to their careers and chosen fields.

SAP is the global leader in enterprise application software, with more than 170,000 customers in more than 120 countries. They provide enterprise resource planning (ERP), business intelligence (BI) and related applications and services that enable companies of all sizes and in more than 25 industries. Global demand for certified SAP professionals increases every year. Hit the ground running at companies using SAP software!

Certificate Offered

- SAP Student Recognition Award Certificate Program

Contact

Katerina Tsakiri, Ph.D.
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Program Website: SAP Student Recognition (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-majors-programs/sap-student/)
Associated Department: Information Systems, Analytics, and Supply Chain Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/faculty-departments/info-systems-analytics-supply-chain/)

Related Programs

- Accounting (p. 19)
- Business Administration (p. 91)
- Global Supply Chain Management (p. 295)
- Information Systems (p. 337)
- Marketing (p. 386)

SAP Student Recognition Award Certificate Requirements

(9 credits)

Students who complete three of the following SAP integrated CIS courses with a grade of "C" or better are eligible to receive the SAP Recognition Award Certificate. (Students who plan to take any of these courses specifically to obtain the certificate should check with the instructor to ensure the required SAP content will be covered that semester.)

Code	Title	Credits
Choose three of the following:		
CIS 315	Integrated Business with SAP	
CIS 360	Data Mining	
GSC 385	Management Information Systems for Global Supply Chain Management	
CIS 430	Enterprise Integration	
Total Credits		9

Courses and Descriptions

CIS 315 Integrated Business with SAP 3 Credits
This course provides an introduction to enterprise resource planning (ERP) systems and addresses how integrated information systems improve business operations. Students will learn about functional business areas and business processes, and understand the problems inherent in un-integrated enterprise information systems. Using SAP software and case studies, students will learn how ERP systems are being used to facilitate integrated, real-time management decision making.
Prerequisite(s): CIS 185 and ACC 210.

CIS 360 Data Mining 3 Credits
This course deals with modern technologies for data analysis. Hands-on exercises for data retrieval, data visualization and predictive analytics will be carried out using up-to-date methodologies and software tools. The full data mining life cycle will be covered from recognizing business problems and opportunities amenable to data mining analysis through deploying and monitoring solutions.
Prerequisite(s): CIS 185 with a minimum grade of D .

GSC 385 Management Information Systems for Global Supply Chain Management 3 Credits
The purpose of this junior level management information systems course is to prepare students for today's dynamic business environment by increasing their understanding of IT-enabled global information processing and management. This course has a specific emphasis on the impact and effective utilization of information systems and technology for the global supply chain. Students will gain a solid understanding of the value of business process integration through a combination of conceptual learning, business process analysis, and collaborative decision-making. This will be facilitated through hands-on experience with SAP ERP and analytical software as well as Microsoft Excel.
GSC 385 is required for the Global Supply Chain Management major and can fulfill the CIS 385 requirement for all business majors. Please note: Students will not receive credit for both GSC 385 and CIS 385 without prior approval by the Dean's office.
Prerequisite(s): CIS 185 and junior standing.

CIS 430 Enterprise Integration 3 Credits
The major focus of this course includes the forces driving enterprise integration as well as the management decisions associated with the design and implementation of enterprise systems. Students will use SAP ERP extensively to configure, build, test, and implement an enterprise system for a real business environment from the ground up.
Prerequisite(s): CIS 315.

Sales

Program Overview

The Sales Minor is complementary to a wide range of majors in that it prepares students to effectively and persuasively represent an organization's offerings in negotiation and exchange situations. The employment outlook for sales positions is positive in a variety of industries such as manufacturing, wholesale, insurance, real estate and financial services. The core of the minor establishes a solid base of concepts and skills in sales and negotiation while elective courses allow students to focus on complementary knowledge areas and/or industries.

The minor is available to both business and non-business majors.

As a member of the SAP University Alliances program, Rider's Norm Brodsky College of Business also offers the SAP Student Recognition Award certificate to students who satisfactorily complete a minimum of three courses with at least one-third SAP hands-on content in each course. Students who earn the award will demonstrate depth and breadth of their knowledge using state-of-the-art software, developing valuable skills relevant to their careers and chosen fields. For more information, please visit:

https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate-programs/sap-student-recognition

Degree Offered

- Minor in Sales
- Minor in Sales with SAP Student Recognition Award Certificate

Contact

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Program Website: Sales Minor (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/business-administration/sales-minor/)
Associated Department: Department of Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/faculty-departments/marketing/)

Related Programs

- Business Administration (p. 91)
- Finance (p. 269)
- Marketing (p. 386)
- Global Supply Chain Management (p. 295)
- Information Systems (p. 337)

Sales Minor Requirements

(18 credits not including prerequisite coursework)

Code	Title	Credits
MKT 340	Personal Selling	3
MKT 440	Sales Management	3
MGT 346	Negotiation	3
Select three of the following electives:		9
BUS 210	Intro to Law: Contracts	
CIS 315	Integrated Business with SAP	
CIS 360	Data Mining	
CIS 390	Project Management	
CIS 430	Enterprise Integration	
FIN 200	Managing Your Money	
or FIN 305	Personal Financial Planning	
MGT 363	Management Skills	
MKT 260	Service Marketing	
MKT 310	Business to Business Marketing	
MKT 320	Consumer Behavior	
Total Credits		**18**

Sales Minor with SAP Student Award Certificate

Code	Title	Credits
Students must take three of the following electives in addition to the three required courses for a total of 18 credits:		
CIS 315	Integrated Business with SAP	
CIS 360	Data Mining	
CIS 430	Enterprise Integration	
GSC 385	Management Information Systems for Global Supply Chain Management	

The sales minor is open to all students at the University. For students pursuing a major in the Norm Brodsky College of Business, no more than two courses in the minor can be double counted as satisfying either core or major requirements.

Courses and Descriptions

BUS 210 Intro to Law: Contracts 3 Credits
An introduction to the origin of current law, with emphasis on the development of business law, students are exposed to legal terminology and acquainted with the system of application of rules of law to actual situations. The laws of contracts, particularly common-law developments, are considered in great detail.

CIS 315 Integrated Business with SAP 3 Credits
This course provides an introduction to enterprise resource planning (ERP) systems and addresses how integrated information systems improve business operations. Students will learn about functional business areas and business processes, and understand the problems inherent in un-integrated enterprise information systems. Using SAP software and case studies, students will learn how ERP systems are being used to facilitate integrated, real-time management decision making.
Prerequisite(s): CIS 185 and ACC 210.

CIS 390 Project Management 3 Credits
This course introduces students to general project management, the process of organizing resources to achieve business goals. Topics include the identification, approval, analysis, and general management of complex business projects. Project management tools, reports, techniques, and approaches will be covered.
Prerequisite(s): CIS 185.

CIS 430 Enterprise Integration 3 Credits
The major focus of this course includes the forces driving enterprise integration as well as the management decisions associated with the design and implementation of enterprise systems. Students will use SAP ERP extensively to configure, build, test, and implement an enterprise system for a real business environment from the ground up.
Prerequisite(s): CIS 315.

FIN 200 Managing Your Money 3 Credits
An introduction to the analysis of a wide range of financial decisions which individuals encounter over their careers and lifetime. Topics include financial goals, tax planning, home ownership versus renting, consumer credit, money management and investments, and managing risk with insurance. This course is open to all Rider students, and it counts as a free elective or a business elective. It cannot be used as finance elective.

FIN 305 Personal Financial Planning 3 Credits
This course focuses on practical issues and problems involving personal financial budgeting, use of credit, selection of banking services, insurance needs, real estate, investments, tax planning, and retirement planning. An important objective of the course is to provide the student with the tools that are utilized in making personal financial decisions and how to apply those tools for a variety of financial needs.
Prerequisite(s): FIN 220.

GSC 385 Management Information Systems for Global Supply Chain Management 3 Credits
The purpose of this junior level management information systems course is to prepare students for today's dynamic business environment by increasing their understanding of IT-enabled global information processing and management. This course has a specific emphasis on the impact and effective utilization of information systems and technology for the global supply chain. Students will gain a solid understanding of the value of business process integration through a combination of conceptual learning, business process analysis, and collaborative decision-making. This will be facilitated through hands-on experience with SAP ERP and analytical software as well as Microsoft Excel.
GSC 385 is required for the Global Supply Chain Management major and can fulfill the CIS 385 requirement for all business majors. Please note: Students will not receive credit for both GSC 385 and CIS 385 without prior approval by the Dean's office.
Prerequisite(s): CIS 185 and junior standing.

MGT 346 Negotiation 3 Credits
The purpose of this course is first, to explore the major concepts and theories behind effective negotiating practices and second, to develop negotiating skills applicable to a wide range of contexts. A knowledge of negotiation is a crucial requirement for anyone interested in a business career since it is a common mechanism for implementing change and for resolving conflict in the workplace. Topics will include two-party negotiations, power and politics, mediation, arbitration, and collective bargaining. A variety of teaching techniques will be used including readings, discussion, and role-playing.
Prerequisite(s): MGT 201 or permission of the instructor.

MKT 260 Service Marketing 3 Credits
Focuses on the unique challenges of managing services and delivering quality service to customers. Emphasis is placed on the total organization, and how effective marketing and customer focus must be coordinated across multiple functions. The course is applicable to service organizations and to organizations that depend on service excellence for competitive advantage. Topics include customer-focused management, and customer satisfaction, retention, lifetime value and profitability. Students will learn to map services, understand customer expectations, and develop relationship marketing strategies.
Prerequisite(s): MKT 200.

MKT 310 Business to Business Marketing 3 Credits
This course examines the business-to-business marketplace, and the planning and control tools used by its entities in managing the product, pricing, promotion, channel and supply chain management strategies.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 320 Consumer Behavior 3 Credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior.
Prerequisite(s): MKT 200.

MKT 340 Personal Selling 3 Credits
Examines persuasive techniques utilized in sales presentations conducted on a person-to-person basis. Major course emphasis is on developing effective selling techniques; understanding the company, its products and the role of the salesperson in implementing product/market strategies; understanding the customers and the selling environment; application of effective sales presentation techniques; recognizing selling opportunities and careers.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 440 Sales Management 3 Credits
By means of lectures, discussions, and case studies, the field of marketing management is analyzed from the viewpoint of sales executives. The responsibilities for planning and administering personal selling operations are emphasized. Considerable attention is given to other activities for which sales executives may be wholly or jointly responsible, such as decision making on promotion and brand management.
Prerequisite(s): MKT 200 and senior standing.

Sport Management

Program Overview

The sport management co-major prepares students for a career in one of the world's biggest businesses: the fast-growing multi-billion dollar sport industry. Students gain a competitive edge as they develop a working understanding of the critical role business plays in every facet of sports and sports-related organizations.

This dual major program leads to a Bachelor of Science in Business Administration (B.S.B.A.) degree with two majors, sport management and a second major offered by one of the five departments in the Norm Brodsky College of Business.

Student Learning Outcomes

A sport management graduate will be able to:

- demonstrate information literacy in gathering, evaluating, and synthesizing research material related to the sport industry;
- demonstrate competence in oral and written communication;
- demonstrate the ability to apply information technology in the analysis of sport business problems;
- appraise and evaluate sports related ethical issues;
- demonstrate the ability to think critically;
- demonstrate the ability to be productive team members.

Curriculum Overview

The sport management co-major is designed to give students a broad-based business education by combining it with another discipline offered by Rider's Norm Brodsky College of Business. This unique pairing provides students a deeper understanding of the legal, ethical, economic, social and managerial issues related to sports.

The business-based curriculum prepares students for diverse career opportunities in professional sport organizations, college and high school athletic administration, sport governing bodies, event and facility management, marketing firms, media organizations and entrepreneurial ventures.

Degree Offered

- B.S.B.A. in Sport Management

Contact

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(https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)**Program Website**: Sport Management (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/sport-management/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)

Related Programs

- Business Administration (p. 91)
- Marketing (p. 386)
- Business Analytics (p. 97)
- Management & Leadership (p. 372)
- Finance (p. 269)
- Sports Media (p. 538)

Sport Management Major Requirements

Code	Title	Credits
BUSINESS CORE		
See Business Core Requirements (p. 573)		
Required Courses:		
SPT 250	Introduction to the Business of Sports	3
SPT 450	Contemporary Issues in Sport Management	3
Select four courses below from List A and List B, with at least three from List A:		**12**
List A:		
ECO 326	Economics of Sports	
ENT 210	Sports Entrepreneurship	
MKT 280	Sports Marketing	
SPT 320	Business of Global Sport	
SPT 322	Sports Analytics	
SPT 325	Financial Management in the Sport Industry	
SPT 355/OR LAW 355	Sports and the Law	
SPT 444	Selected Topics in Sport Management	
SPT 490	Independent Research and Study	
List B:		
AMS 211	Sports in American Life	
CBA 315	International Business Tour	
COM 347	Sports Communication	
GSS 333	Gender and Sport	
PSY 283	Sport Psychology	

SPT 491	Sport Management Internship	
Total Credits		**18**

1

The internship SPT 491 must be in a sports organization and be approved by the Director of the Business of Sports Program. Examples include sports teams, sports arenas and stadiums, college sports programs, sports leagues, sports agencies and sports media organizations.

Additional Note:

- For graduation, students must achieve an overall GPA of 2.0 or better in the major, with no course grade less than "C-" in any of the six courses required for the major.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CBA 110	Business in Action [1]	3
CIS 185	Information Systems Essentials [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MSD 105	Quantitative Methods for Business [2]	3
Liberal Arts Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ECO 200	Principles of Macroeconomics	3
MKT 200	Marketing Principles	3
MSD 205	Business Statistics	3
SPT 250	Introduction to the Business of Sports	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ACC 210	Introduction to Accounting	3
BDA 201	Introduction to Business Analytics	3
ECO 201	Principles of Microeconomics	3
MGT 201	Fund Management & Org Behavior	3
Sport Management Major Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ACC 220	Managerial Uses of Accounting	3
CBA 236	Career Planning	3
COM 290	Professional/Strategic Speech	3
FIN 220	Introduction to Finance	3
Liberal Arts Elective [4]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
BUS 300	The Legal and Ethical Environment of Business	3
CBA 212	Business Communications	3
Primary Major Requirement		3
Leadership Elective		3
Liberal Arts Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
CIS 385	Management Information Systems	3
MSD 301	Operations Management	3
Sport Management Major Elective		3
Primary Major Requirement		3
Liberal Arts Elective [4]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BUS 400	Strategic Management and Policy	3
Primary Major Requirement		3
Sport Management Major Elective		3
Primary Major Requirement (International Business) [3]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
SPT 450	Contemporary Issues in Sport Management	3
Primary Major Requirement		3
Primary Major Requirement		3
Sport Management Elective (International Business) [3]		3
Free Elective [3]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

CIS 185 Information Systems Essentials and CBA 110 Business in Action can be taken in the Fall or Spring of Year 1.

2

Students may be required to take MSD 104 Intro to Quantitative Methods based on placement. MSD 104 counts as a 3 credit Free Elective.

3

Students are required to complete 6 credits of International Business which can be fulfilled as major courses or as Free Electives.

4

Students must take four liberal arts electives; 3 credits must be in Natural Science, 3 credits must be in Social Science, 3 credits must be in Humanities, and 3 credits can be any course offered by the College of Arts and Sciences.

Courses and Descriptions

AMS 211 Sports in American Life 3 Credits
Literary, sociological, and psychological views of sports in 20th-century American life are examined, focusing on sports as a symbol and reflection of our ideals and tensions.

CBA 315 International Business Tour 3 Credits
Provides students with the opportunity to observe various international business environments outside of the United States. Students should gain a better appreciation of how culture, history, and politics influence organizational dynamics, business functions, and business customs.
Prerequisite(s): Junior or senior standing and permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

ECO 326 Economics of Sports 3 Credits
The overall objective of this course is to deepen student understanding of microeconomic principles by applying microeconomic concepts to the analysis of professional and amateur sports. This course will utilize concepts from many different microeconomic specialties, (primarily Industrial Organization, Labor Economics and Public Finance). The tools from these different microeconomic fields will be used to explain and analyze the operation of professional sports teams and leagues in the U.S. with an emphasis on baseball, football, basketball and hockey. International comparisons will be made between professional sports in the U.S. and the rest of the world. The course will also analyze the not-for-profit sports sector, focusing on college sports and the National Collegiate Athletic Association.
Prerequisite(s): ECO 201.

ENT 210 Sports Entrepreneurship 3 Credits
Sports Entrepreneurship will introduce students to entrepreneurship in the sports industries as they explore opportunities and challenges for new ventures in this sector. Using an industry's business model, students will identify competitive advantages and understand what is required for startup success.

GSS 333 Gender and Sport 3 Credits
Typical thoughts of sport include ticket prices, player salaries, team rosters, and league standings; rarely is it viewed from a gender perspective. This course will go beyond the examination of Title IX to better understand the relationship between masculinity, femininity and sports. This course will examine various aspects of gender and sport, including media and gender representation, race and ethnicity, drugs and violence, men and masculinities, sexualities, policy and politics, the feminist critique of sport, the initiation rites and hazing in college sports, sports wagering, and the internationalization of sport, including but not limited to the Olympics and Paralympics.

MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

SPT 250 Introduction to the Business of Sports 3 Credits
This course is designed to introduce the student to the business of sports. Business principles, such as management, marketing, law, finance and economics will be applied to the business of sports. The course will also explore the various career opportunities in the world of sports.

SPT 320 Business of Global Sport 3 Credits
The course explores the diverse challenges and issues facing the managers of sport enterprises in the context of the global marketplace. Issues of governance, cross-cultural interactions and business activities will be examined as they relate to modern sport at the international level. By evaluating case studies and examining current issues in the field, students will gain an understanding of the relationships and responsibilities associated with being a business professional in the global sport industry.

SPT 322 Sports Analytics 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of statistical techniques and visualizations to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations and fantasy competitions. Classwork will consist of readings, lectures, discussions, presentations from guest speakers, and hands-on labs. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite(s): CIS 185, MSD 200 or MSD 205, and SPT 250.

SPT 325 Financial Management in the Sport Industry 3 Credits
This course is designed to build upon earlier knowledge from courses in economics, accounting and finance that emphasizes the sports industry and the challenge for financial managers in areas such as stadium/arena financing, financial analysis and valuation. Business models and their financial implications for media and sports related enterprises as well as the business of college athletics will also be covered.

SPT 355 Sports and the Law 3 Credits
Examines the legal, ethical, economic, social and managerial issues related to sports. Topics include liability issues, contracts, employment discrimination, antitrust law, and constitutional law. This course is cross-listed as LAW 355. Students may not get credit for both SPT 355 and LAW 355.

SPT 444 Selected Topics in Sport Management 3 Credits
This course is offered occasionally with topics and prerequisites set by the Business of Sports Program faculty. This course can be used as an elective for the Sport Management major, Sport Studies minor, or as a free elective. This course is graded on a letter grade basis.
Prerequisite: SPT 250.

SPT 450 Contemporary Issues in Sport Management 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of lectures, discussions, and guest speakers from the sports industry. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite: SPT 250, senior standing, and completion of 15 credit hours in business of sports coursework or permission of instructor.

SPT 490 Independent Research and Study 1-4 Credits
Topic to be approved by the professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.
Prerequisite(s): Junior standing, 9 credits in Sport Management courses (including SPT 250) and permission of instructor.

SPT 491 Sport Management Internship 1-3 Credits
This course provides the student with the opportunity to supplement and apply their classroom work in a supervised employment setting with participating sport-related companies. Requirements include a journal with a log of weekly activities and a paper summarizing their experiences, submitted to the internship supervisor. Evaluation will also include a report by the company on the intern's performance. Students will receive a letter grade based on their internship performance, as well as their performance on the journal and final reflection submissions. Sports related internships can be used to satisfy an elective requirement for the Sport Management Major, Sport Studies Minor and business or free electives.
Prerequisite(s): permission of instructor.

Sport Studies

Program Overview

The sport studies minor is an interdisciplinary program available to all Rider students. The curriculum has been designed to provide students with courses relevant to the examination of the multi-dimensional world of sports and to appreciate the important role of sports in shaping culture.

Departments and programs from across the University have developed courses for this program enabling students to study and critically evaluate the social, political, ethical, legal, economic and media related issues in sports.

Curriculum Overview

The curriculum gives students the opportunity to use the expertise and perspectives from their major to pursue in-depth study of sports related issues. On campus coursework is complemented by hands on internships, experiential learning through international sports related travel courses and presentations from guest speakers employed in a variety of roles in the sports industry. The experiential component of the minor also helps to give students a greater understanding of sports related employment possibilities as well as preparation for graduate work in sports management and administration programs.

Minor Offered

- Minor in Sport Studies

Contact

Lisa Rufer, Ph.D.
Associate Professor of Sport Management
Director, Business of Sport Program
Sweigart Hall 245
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Program Website: Sport Studies (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/sport-studies/)
Associated Department: Department of Management (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/)

Related Programs

- Business Administration (p. 91)
- Marketing (p. 386)
- Business Analytics (p. 97)
- Management & Leadership (p. 372)
- Finance (p. 269)

Sport Studies Minor Requirements

Code	Title	Credits
SPT 250	Introduction to the Business of Sports	3
SPT 450	Contemporary Issues in Sport Management	3
Select four courses from the list below:		**12**
AMS 211	Sports in American Life	
CBA 315	International Business Tour	
COM 347	Sports Communication	
ECO 326	Economics of Sports	
ENT 210	Sports Entrepreneurship	
GSS 333	Gender and Sport	
MKT 280	Sports Marketing	
PSY 283	Sport Psychology	
SPT 320	Business of Global Sport	
SPT 322	Sports Analytics	
SPT 325	Financial Management in the Sport Industry	
SPT 355	Sports and the Law	
or LAW 355	Sports and the Law	
SPT 444	Selected Topics in Sport Management	
SPT 491	Sport Management Internship	
Total Credits		**18**

Note: If selecting SPT 491 and/or CBA 315, the topic must be sports-related.

Courses and Descriptions

AMS 211 Sports in American Life 3 Credits
Literary, sociological, and psychological views of sports in 20th-century American life are examined, focusing on sports as a symbol and reflection of our ideals and tensions.

CBA 315 International Business Tour 3 Credits
Provides students with the opportunity to observe various international business environments outside of the United States. Students should gain a better appreciation of how culture, history, and politics influence organizational dynamics, business functions, and business customs.
Prerequisite(s): Junior or senior standing and permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

ECO 326 Economics of Sports 3 Credits
The overall objective of this course is to deepen student understanding of microeconomic principles by applying microeconomic concepts to the analysis of professional and amateur sports. This course will utilize concepts from many different microeconomic specialties, (primarily Industrial Organization, Labor Economics and Public Finance). The tools from these different microeconomic fields will be used to explain and analyze the operation of professional sports teams and leagues in the U.S. with an emphasis on baseball, football, basketball and hockey. International comparisons will be made between professional sports in the U.S. and the rest of the world. The course will also analyze the not-for-profit sports sector, focusing on college sports and the National Collegiate Athletic Association.
Prerequisite(s): ECO 201.

ENT 210 Sports Entrepreneurship 3 Credits
Sports Entrepreneurship will introduce students to entrepreneurship in the sports industries as they explore opportunities and challenges for new ventures in this sector. Using an industry's business model, students will identify competitive advantages and understand what is required for startup success.

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MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

SPT 250 Introduction to the Business of Sports 3 Credits
This course is designed to introduce the student to the business of sports. Business principles, such as management, marketing, law, finance and economics will be applied to the business of sports. The course will also explore the various career opportunities in the world of sports.

SPT 320 Business of Global Sport 3 Credits
The course explores the diverse challenges and issues facing the managers of sport enterprises in the context of the global marketplace. Issues of governance, cross-cultural interactions and business activities will be examined as they relate to modern sport at the international level. By evaluating case studies and examining current issues in the field, students will gain an understanding of the relationships and responsibilities associated with being a business professional in the global sport industry.

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Prerequisite(s): CIS 185, MSD 200 or MSD 205, and SPT 250.

SPT 325 Financial Management in the Sport Industry 3 Credits
This course is designed to build upon earlier knowledge from courses in economics, accounting and finance that emphasizes the sports industry and the challenge for financial managers in areas such as stadium/arena financing, financial analysis and valuation. Business models and their financial implications for media and sports related enterprises as well as the business of college athletics will also be covered.

SPT 355 Sports and the Law 3 Credits
Examines the legal, ethical, economic, social and managerial issues related to sports. Topics include liability issues, contracts, employment discrimination, antitrust law, and constitutional law. This course is cross-listed as LAW 355. Students may not get credit for both SPT 355 and LAW 355.

SPT 444 Selected Topics in Sport Management 3 Credits
This course is offered occasionally with topics and prerequisites set by the Business of Sports Program faculty. This course can be used as an elective for the Sport Management major, Sport Studies minor, or as a free elective. This course is graded on a letter grade basis.
Prerequisite: SPT 250.

SPT 450 Contemporary Issues in Sport Management 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of lectures, discussions, and guest speakers from the sports industry. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite: SPT 250, senior standing, and completion of 15 credit hours in business of sports coursework or permission of instructor.

SPT 491 Sport Management Internship 1-3 Credits
This course provides the student with the opportunity to supplement and apply their classroom work in a supervised employment setting with participating sport-related companies. Requirements include a journal with a log of weekly activities and a paper summarizing their experiences, submitted to the internship supervisor. Evaluation will also include a report by the company on the intern's performance. Students will receive a letter grade based on their internship performance, as well as their performance on the journal and final reflection submissions. Sports related internships can be used to satisfy an elective requirement for the Sport Management Major, Sport Studies Minor and business or free electives.
Prerequisite(s): permission of instructor.

Marketing Minor for Non-business Majors

Overview

Open to all non-business undergraduate students at Rider University, the minor is designed to complement students' major areas of study with relevant content from the marketing discipline. Many disciplines, such as Graphic Design, Public Relations, and Communication Studies, frequently collaborate with the Marketing department of various organizations. The minor offers students majoring in these fields the opportunity to acquire marketing knowledge and skills that are essential for their cross-functional and interdisciplinary roles. Moreover, the minor is also beneficial for students pursuing majors like Exercise Sciences and Dance, who have aspirations of starting their own businesses. These students will learn the necessary skills to effectively market their businesses and themselves in their respective industries.

Degree Offered

- Minor in Marketing

Contact

Anubha Mishra, Ph.D.
Associate Professor and Chairperson
Sweigart Hall 352
(609) 895-5513
amishra@rider.edu

Program Website: Marketing (http://www.rider.edu/academics/colleges-schools/college-business-administration/undergraduate-programs/marketing-advertising/)
Associated Department: Department of Marketing

Related Programs

- Communication Studies (p. 114)
- Dance (p. 144)
- Exercise Science (p. 263)
- Film and Media Studies (p. 901)
- Entrepreneurial Studies (p. 240)
- Graphic Design (p. 301)
- Journalism (p. 346)
- Public Relations (p. 482)
- Web Design (p. 561)

Program Requirements for the Marketing Minor for Non-business Majors

(15 credits)

All Marketing minor participants must successfully achieve grades of C- or better in each of these marketing courses:

Code	Title	Credits
Required Courses		
MKT 200	Marketing Principles	3
MKT 320	Consumer Behavior	3
MKT 330	International Marketing	3
Select two of the following:		**6**
Advertising:		
MKT 205	Advertising Principles	
MKT 375	Digital Advertising and Social Media	
Sales:		
MKT 340	Personal Selling	
MKT 440	Sales Management	
Digital Marketing:		
MKT 367	Marketing Web Analytics	
MKT 370	Internet Marketing	
Total Credits		**15**

*Students will need the Marketing department's permission to enroll in any of the following courses as a part of the minor program: MKT 444, MKT 469, MKT 490, MKT 491.

Courses and Descriptions

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MKT 205 Advertising Principles 3 Credits
Basic theory, functions, principles, and applications of advertising are the focus of this course. The relation of advertising to our economy, the advertising department and the ad agency, selection of media, advertising practices, and the use of research to improve advertising techniques are covered.
Prerequisite: MKT 200.

MKT 320 Consumer Behavior 3 Credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior.
Prerequisite(s): MKT 200.

MKT 330 International Marketing 3 Credits
This course examines the global marketplace and the complexities of its environmental influences, and necessary adaptations in formulating the strategies for product, pricing, promotion, channel and supply chain management.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 340 Personal Selling 3 Credits
Examines persuasive techniques utilized in sales presentations conducted on a person-to-person basis. Major course emphasis is on developing effective selling techniques; understanding the company, its products and the role of the salesperson in implementing product/market strategies; understanding the customers and the selling environment; application of effective sales presentation techniques; recognizing selling opportunities and careers.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 367 Marketing Web Analytics 3 Credits
This course teaches web analytics through practical applications with a focus on deriving actionable insights. It provides a broad overview of key web analytics strategies, concepts, issues, challenges and tools. Topics covered include: • How to choose a web analytics tool • Metrics and key performance indicators • Best ways to analyze effectiveness of blogs, marketing campaigns, SEO, SEM and emails • How to utilize quantitative, qualitative and competitive tools to derive actionable insights • How to optimize web sites by incorporating testing and experimentation • Analytics in social, mobile and video • Best practices and pitfalls in web analytics.
Prerequisite(s): MKT 200; junior or senior standing.

MKT 370 Internet Marketing 3 Credits
This course emphasizes the discipline of internet marketing, including practices of leading online marketing companies, state of the art online research and demonstrates how the Internet is creating value for customers and profits for businesses while also fitting into a firm's complete marketing strategy. This course will provide a strategic and tactical toolkit for the online marketer, help students understand how and why the Internet is changing traditional marketing and allow students to develop the skills, strategies and tactics important to develop successful Internet marketing plans.
Prerequisite(s): MKT 200 and CIS 185; junior & senior standing.

MKT 375 Digital Advertising and Social Media 3 Credits
This course surveys the concepts, principles, practices and industry standards of digital advertising, including standard display and rich media advertising, search advertising, email advertising, game advertising, and mobile advertising. It also introduces the strategies and tactics in social media marketing. The course emphasizes a strategic, holistic view of digital advertising and social media as marketing communication tools that are situated in the marketing strategic framework and employed to engage consumers in community building.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 440 Sales Management 3 Credits
By means of lectures, discussions, and case studies, the field of marketing management is analyzed from the viewpoint of sales executives. The responsibilities for planning and administering personal selling operations are emphasized. Considerable attention is given to other activities for which sales executives may be wholly or jointly responsible, such as decision making on promotion and brand management.
Prerequisite(s): MKT 200 and senior standing.

MKT 444 Special Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations, as well as special applications of marketing decision-making, may be explored. Readings, research, lectures, discussions, or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): MKT 200; any additional prereqs requested by the instructor.

MKT 469 Selected Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations as well as special applications of marketing decision making may be explored. Readings, research, lectures, discussions, or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): MKT 200 and senior standing.

MKT 490 Independent Research and Study 1-4 Credits
Topic to be approved by the professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.

MKT 491 Internship-Based Indep Study 3 Credits
Provides the student an opportunity to supplement and apply classroom work in supervised employment with participating marketing and advertising firms. Requirements include a journal with a log of daily activities, and a project or term paper presented to and evaluated by the internship sponsor. Evaluation will also include a report by the company on the intern's performance. Credits may be used to satisfy business or free elective requirements.
Prerequisite(s): permission of instructor.

Certificate in Risk Management and Insurance

Overview

The certificate equips students with the skills, tools, and practical training experience needed to succeed in the rapidly evolving risk management landscape. Students will gain a holistic and strategic understanding of risk assessment and treatment. For students aspiring to work in the Insurance industry, this certificate gives them a head start to earn a CPCU designation which is akin to a Master's of Insurance.

The Certificate in Risk Management and Insurance prepares students for the Associate in Risk Management (ARM) designation offered by The Institutes (https://web.theinstitutes.org/)®, the leading professional organization on risk management and insurance. The ARM designation requires three core courses: ARM 400: Risk in an Evolving World; ARM 401: Holistically Assessing Risk; and ARM 402: Successfully Treating Risk. Rider's certificate covers materials for all three ARM courses and

can earn waivers for the ARM designation for up to two courses (ARM 400 and ARM 402), the maximum number of waivers given for external coursework that can count towards the ARM designation.

Certificate Offered

- Certificate in Risk Management and Insurance

Contact:

Katerina Tsakiri, Ph.D.
Associate Professor and Chair
Sweigart Hall 366
(609) 895-5593
ktsakiri@rider.edu

Program Website: https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/certificates/risk-management-insurance (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/certificates/risk-management-insurance/)

Associated Department: Department of Information Systems, Analytics, and Supply Chain Management

Requirements for the Certificate in Risk Management and Insurance

(9 credits)

Code	Title	Credits
Required Courses:		
MSD 260	Principles of Risk Management [1]	3
MSD 361	Risk Assessment and Analysis [2]	3
MSD 491	Mgt Sciences Internship	3
Total Credits		**9**

1

B or higher grade qualifies students for a waiver of ARM 400 (https://web.theinstitutes.org/course/associate-risk-management/risk-evolving-world/).

2

B or higher grade qualifies students for a waiver of ARM 402 (https://web.theinstitutes.org/course/associate-risk-management/successfully-treating-risk/).

Courses and Descriptions

MSD 260 Principles of Risk Management 3 Credits
The objective of this course is to provide students with a broad framework for evaluating all types of risk, along with conceptual tools for making risk management decisions rationally. The course focuses on studying the risk assessment and management techniques, methods, and predictive models used in industry to minimize, control, and communicate risks, including conducting various risk management protocols. This course covers the fundamental knowledge for the Associate in Risk Management (ARM) Designation of Institutes.
Prerequisite(s): CIS 185.

MSD 361 Risk Assessment and Analysis 3 Credits
This course teaches students how to evaluate, and successfully treat risk in different organizations with advanced techniques. Students will learn about risk assessment methodologies, and different tools for risk analysis to avoid, retain, transfer, and benefit from risk. By the end of the course, students will have the skills needed to apply risk assessment and analysis methods in real-world situations. This course provides additional knowledge and hands-on experience for the Associate in Risk Management (ARM Designation of Institutes.
Prerequisite(s): MSD 260.

MSD 491 Management Sciences Internship 3 Credits
This Internship course will provide students with supervised employment (approximately two months with participating companies. Students are given a variety of work experiences. They are required to complete a term paper for the faculty and receive feedback from the supervised employment.
Prerequisite(s): Permission of instructor.

Norm Brodsky College of Business Faculty

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Policies

Credit Hour Requirements for Norm Brodsky College of Business Undergraduate Students

At least fifty percent of semester hours of credit in the area of a student's major must be taken at Rider.

Students are required to have 54 semester hours completed before enrolling in **most** 300- or 400-level business courses.

At least fifty percent of all business credits must be taken through Rider. Transfer students can bring in 30 credits in business plus Quantitative Methods, Business Statistics, Macroeconomics and Microeconomics. All business students must have a 2.0 GPA in their major and overall to graduate.

For all students, of the 120 semester hours of credit required for graduation, the last 30 must be taken at Rider.

Once a student has matriculated for a degree, credit for off-campus courses will be granted only with prior approval of the academic dean.

Online Course Policy

The following online course policy applies to full-time undergraduate students enrolled in the Norm Brodsky College of Business. This policy does NOT apply to students enrolled in the fully online or continuing education programs offered by the Norm Brodsky College of Business.

1. Other than transfer students, students in their first or second semester shall not enroll in online courses.
2. Students with 24 or more credits completed are limited to enrolling in one online course per semester; if a student is enrolled in a co-op or internship course, the permission of the Associate Dean for Undergraduate Programs in consultation with the chair or program director is required to enroll in more than one online course in that semester.
3. Out of 120 credits, students may take no more than 18 credits online during the fall and spring semesters.
4. Students may take up to 12 credits of online classes during the j-term and/or summer semesters (in addition to the 18 credits allowed during the fall and spring semesters).
5. Students cannot take more than 6 credits online in any one major.
6. Students must have a minimum GPA of 2.5 to enroll in an online course.

College of Education and Human Services

http://www.rider.edu/cehs (http://www.rider.edu/cehs/)

Since 1913, the College of Education and Human Services at Rider University has made a difference, responding with scholarship and imagination to the education profession by preparing graduates for the opportunities and challenges of the teaching profession.

Committed to excellence, the College of Education and Human Services keeps all of its programs relevant to the changing needs of students, the professional communities it serves, and society, by anticipating those needs and taking measures to meet them. This commitment to excellence is based on the belief that today's teacher must be able to demonstrate sensitivity to students, familiarity with curriculum, and a thorough knowledge of subject matter and the learning process.

Rider University's teacher preparation programs are grounded in current research on learning, curriculum, teaching, and exemplary practice of reflective teachers.

Rider University prepares teachers who understand:

- that learning involves the active construction of knowledge through posing questions, exploring materials, and testing ideas;
- that this learning may take place in cooperative learning groups as well as individual learning activities;
- that teaching is not just the performance of various learned strategies and methods but a reflective process of observation, deliberation and assessment throughout one's career;
- that all curriculum content is interrelated and often is learned best in integrated or thematic units of study;
- that assessment and teaching are dynamic processes that go hand in hand;
- and that curriculum and teaching must be responsive to the culture, class, gender, strengths, needs, past experiences, and interests of individual students.

When students enroll in the College of Education and Human Services they have the opportunity to work with a professor who will personally advise and assist them in developing their specific programs. In their classes they work directly with members of the faculty who have been successful practitioners in their respective fields. Students enrolled in Rider's teacher preparation programs receive structured experiences working with children, teachers, school administrators, and community agencies.

Many of the teacher education courses are taught in conjunction with a semester-long field experience in a public, nonpublic, or charter school in which students work with an experienced classroom teacher and a Rider professor. Over the course of their professional preparation, students are placed in a variety of grade levels in both urban and suburban schools.

In the sophomore year, students work as teacher assistants. They observe and help conduct learning activities that the teacher has planned. In the junior year, students continue to observe and assist but also plan for and teach individuals, small groups, and full classes. In the senior year, students will be student teaching full-time.

The future offers unique challenges and opportunities for all education students. The College of Education and Human Services welcomes those students who want to make a difference in their own lives and the lives of others. The program prepares students to learn how to affect change in an ever-changing world.

Mission Statement

- The College of Education and Human Services prepares undergraduate and graduate students for professions in education, health and wellness, organizations, and agencies in the diverse American society.
- The College of Education and Human Services fosters the intellectual, personal, and social development of each student for a changing world by creating and providing programs that embody the highest academic and professional standards.

- The College of Education and Human Services develops students who are committed and knowledgeable, professional, reflective, and who value service, ethical behavior, and the improvement of one's self and profession.
- The College of Education and Human Services promotes a climate of scholarly inquiry, high expectations for achievement, and best professional practices, while establishing beneficial relationships with the public and exchanging relevant ideas and services that speak to emerging needs.

This mission statement is based on the Conceptual Framework of the College of Education and Human Services (https://www.rider.edu/academics/colleges-schools/college-education-human-services/office-dean/accreditation-information/conceptual-framework-quality-assurance-system/).

Accreditation

Rider is regionally accredited by the Middle States Commission on Higher Education. All teacher preparation programs offered by the College of Education and Human Services are approved by the New Jersey State Department of Education using the New Jersey Professional Standards for Teachers and School Leaders. In addition, the College of Education and Human Services is accredited by the Council for the Accreditation of Education Preparation (CAEP (http://caepnet.org/)), the highest accreditation possible in teacher education. This helps our graduates as they seek employment nationwide.

Engaged Learning Graduation Requirement

In addition to completing the college's General Education Requirements, all Rider University students are required to complete an Engaged Learning Graduation requirement. (p. 1587)

Degrees

At the undergraduate level, the College of Education and Human Services offers three degree programs.

1. **Bachelor of Arts in Elementary Education**, with a major in elementary education and a second major in a liberal arts or science; a second major in STEM studies; or a concentration in Multidisciplinary Studies;
2. **Bachelor of Arts in Secondary Education**, with majors/options in English, mathematics, science (biochemistry, biology, chemistry, earth sciences, environmental sciences, geology, marine sciences), history, and world language.

Students may also elect to pursue minors, certificates and endorsements in:

- early childhood education (p. 157)
- middle school education (p. 157)
- special education (p. 157)
- bilingual education (p. 157)
- English as a second language (ESL) (p. 157)

In addition, an internal certificate in technology is also available.

Admission

Admission to the College of Education and Human Services places great responsibility upon students. In enrolling, students enter into a relationship with instructors and fellow students in which there are shared responsibilities. Students are expected to display a commitment to study and to initiate intellectual pursuits. Further, students are expected to recognize that learning involves bringing interests, enthusiasm, curiosity, and reflection to their work. The experiences that unfold during class meetings should be considered opportunities for personal growth and learning. These opportunities are by no means limited to the classroom but include work in the field and on campus as well.

For more information about admissions please contact, Undergraduate Admissions (http://www.rider.edu/ugradadmission/).

Teacher Education Program Design

Self-Development

In the freshman year, emphasis is placed on developing those basic skills that enable a prospective teacher to become a scholar and to engage successfully in college-level studies.

Studies Strengthening Teaching and Learning

Early experience through courses in the social sciences and behavioral studies, emphasizing psychology, provide an important scholarly foundation for educational practice. In addition, college-level study of subjects related to the student's teaching field is an important element in this phase of the teacher education program.

Selective Retention in Teacher Education

Education students must demonstrate competence in their academic work to continue in the teacher preparation program. Competence is assessed in a variety of ways and at different levels. Education students must maintain a cumulative grade-point average of 2.75 in all courses taken at Rider. Students must also earn C+ or higher in any education course (a) that is specifically required for a major or minor in Education and (b) in which enrollment is limited to education majors. It is the individual student's responsibility to retake any education course in which a grade lower than C+ has been earned. Students will be permitted to undertake student teaching only if they have received C+ or higher in all education courses and have a minimum cumulative GPA of 3.00.

The undergraduate education department also reviews the professional development of all students to ensure that they meet departmental standards for professional conduct and that they show promise of success in teaching. This review is in addition to the grade requirements listed above. Students must earn a passing score on all sections (reading, writing and math) of the Praxis Core Academic Skills for Educators Test before registering for any methods courses. This is a New Jersey Department of Education rule that applies to all elementary and secondary education students. Students with 60 or more credits who have not passed all three sections of the Praxis Core Academic Skills for Educators Test will be referred to the Academic Standing Committee for dismissal from the Program. Transfer students with 60 or more credits will have one semester to pass these three sections. Students dismissed from the Program who later pass all sections of this test may apply for readmission.

All students must present evidence of a passing score on the Praxis Subject Assessments test in their specialization area six months prior to the beginning of the student teaching semester. This is the same Praxis Subject Assessments test score students will need for certification.

As appropriate, students who fail to meet the department's standards will be advised on ways to improve their performance, or be asked to leave the program.

Dismissal from Field Experience Prior to Student Teaching

In the event that termination is requested by the school in which the student is completing his or her field experience or by the faculty member of the course of which the field experience is a part, the student will be removed from the assignment immediately.

Any student who is removed from a field experience shall have his or her case referred to a departmental committee on Professional Development in Teacher Education, which shall determine whether the termination was for good cause and, if so, whether the student shall be dismissed from the College of Education and Human Services. The committee may consist of the field course instructor(s), the department chair, the advisor, and other appropriate Rider personnel.

Teacher Certification and Placement

Teacher candidates are recommended for certification only when they have:

- successfully completed all course requirements of a particular program and be formally enrolled in that program; and
- successfully demonstrated continued competence, aptitude, motivation, and potential for outstanding success in teaching. Students must have attained at least a C+ in student teaching along with a cumulative GPA of 3.00.

It should be noted that for New Jersey certification it is necessary to pass a state-approved teaching performance assessment during the student teaching semester in addition to passing the appropriate Praxis Subject Assessment(s).

Graduates who have completed all the requirements of an approved program in which they are formally enrolled in teacher education are eligible to receive, upon passing a Praxis Subject Assessments of academic knowledge related to the field of certification, a New Jersey Certificate of Eligibility with Advanced Standing.

The Certificate of Eligibility with Advanced Standing is valid for the lifetime of its holder. It authorizes the holder to seek and accept offers of employment in New Jersey schools.

Students seeking out-of-state certification will find that completing a CAEP-approved program will enable them to become certified in many states. Since each state has its own requirements for teacher certification, it is recommended that students first contact the State Department of Education to learn the requirements of each specific state.

Transfer Requests

Students transferring from other institutions are encouraged to become familiar with the education programs. Transcripts are reviewed in terms of Rider's program requirements, and this review is made available to prospective students.

Students enrolled in other colleges at Rider who wish to transfer into teacher education programs must have a 2.75 GPA and file a written request with the chair of the Department of Teacher Education.

General Studies Electives

The minimum requirements in the second major subjects normally leave a student with additional credits that must be completed to satisfy the 126 credits required for graduation.

Any course offered by another college within the University may be used as a General Studies Elective (GSE) provided the prerequisites have been met. Courses required to fulfill a minor may be used as GSEs.

Policy Regarding Undergraduate Students Enrolling in Graduate Education Courses

Students are eligible to take College of Education and Human Services graduate courses if the following conditions are met: 1) completion of 90 undergraduate credits, 2) a minimum cumulative GPA of 3.0, and 3) permission of the Graduate Education, Leadership, and Counseling department/graduate program director and the undergraduate department chair. These credits may be applied towards the undergraduate degree requirements if permitted by the undergraduate degree program, including in the calculation of undergraduate GPA.

Should the student be accepted and matriculate into the College of Education and Human Services graduate program, these credits, but not the grades, would be subsequently transferred to the graduate transcript, provided the grade meets minimum requirements for Graduate Education, Leadership, and Counseling . Master of Arts programs in the College of Education and Human Services require 30 graduate credits taken after the completion of the undergraduate degree. For those Master of Arts programs that are more than 30 credits, graduate credits taken as an undergraduate may apply toward both the graduate and undergraduate degrees. Only graduate credits above the 30 credits may be applied to both degrees. Undergraduate to graduate accelerated programs may have different policies regarding undergraduate students taking graduate credits. For those policies, see the specific accelerated program.

Degree Programs

Rider's education programs in teacher preparation combine classroom study with laboratory and field experiences to help students develop a high degree of professional expertise and become generally well educated.

All undergraduate baccalaureate degree programs require broad liberal studies and concentrated study in subjects related to the program specialization. Students can major in:

- elementary education (p. 155)
- secondary education (p. 54)

Elementary education majors can pursue minors, certificates and endorsements in:

- early childhood education (p. 157)
- middle school education (p. 157)
- special education (p. 157)
- bilingual education (p. 157)
- English as a second language (ESL) (p. 157).

Secondary education students can pursue minors, certificates and endorsements in:

- bilingual education (p. 60)
- English as a second language (ESL) (p. 60)
- special education (p. 60)

In addition, an internal certificate in technology is also available.

Majors, Minors and Certificates

The undergraduate programs below are offered through the College of Education and Human Services.

Program	Major	Minor	Certific	Concentration
Bilingual Education (p. 155)			√	
Early Childhood Education (p. 155)		√		
Elementary Education (p. 155)	√			
Elementary Education - STEM Studies (p. 220)	√			
Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in a Content Area (p. 155)		√		
Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in Psychology (p. 155)		√		
Elementary Education with a concentration in Multidisciplinary Studies (p. 206)	√			
Elementary Education with a concentration in Multidisciplinary Studies with a Middle School Endorsement (p. 206)	√			
Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education (p. 206)	√			
Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education (p. 206)	√			
Elementary Education with a concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement (p. 206)	√			
English as a Second Language (p. 155)			√	
Middle School Education (p. 155)		√		
Secondary Education (p. 54)	√			
Secondary Education and Interdisciplinary Minor in Special Education (p. 54)		√		
Special Education for Elementary Education Majors with a Second Major in a Content Area (p. 155)		√		
Special Education for Elementary Education Majors with a Second Major in Psychology (p. 155)		√		

Elementary Education

Program Overview

The elementary education program at Rider's College of Education and Human Services prepares students for fulfilling teaching careers in America's diverse society. The College of Education and Human Services is accredited by the Council for the Accreditation of Education Preparation (CAEP), the highest accreditation possible in teacher education and we offer graduates added value and recognition nationwide when seeking employment or admission to graduate study.

Curriculum Overview

As they begin their path to becoming effective and skilled elementary school teachers, students in Rider's elementary education program engage in studies that provide an academic background for those subjects they will be teaching. Elementary Education majors have three pathways to choose from. They may select a second major in the College of Arts & Science or complete one of two stand-alone majors in the College of Education: Elementary Education: Multidisciplinary Studies (p. 207) or Elementary Education: STEM Studies (p. 220).

The fulfillment of the requirements of the second major in liberal arts or of the standalone education majors, together with general studies courses, provides a substantial liberal studies background as well as a foundation for professional development.

In addition, elementary education majors can elect to pursue the following minors, early childhood; middle school; English as a second language; bilingual education; and special education. Please see the Minor Requirements tab on this page for further information on these programs.

Degree Offered

- B.A. in Elementary Education

Contact

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Program Website: Elementary Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)
Associated Department: Department of Teacher Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)

Accreditation Information

Council for the Accreditation of Education Preparation (CAEP) (http://caepnet.org/)

Related Programs

- Secondary Education (p. 54)

Elementary education majors may select one of three main paths. They may select a second major in the College of Arts & Science or complete one of two stand-alone majors in the College of Education: Elementary Education: Multidisciplinary Studies (p. 207) or Elementary Education: STEM Studies (p. 220). Students opting to complete a second major in the College of Arts & Sciences may complete any second major in the School of Humanities and Social Sciences or the School of Science, Technology, and Mathematics or a second major in dance studies, music production, or theater in the School of Communication, Media & Performing Arts. Students interested in special education might consider the dual major in Elementary Education and Psychology with Special

Education, although the special education minor can be added to any of the elementary education major options described above.

The fulfillment of these second major or concentration requirements together with the general studies courses provides a substantial liberal studies background as well as a foundation for professional development. In addition to completing these requirements, all Rider University students are required to complete the Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) requirements.

Please see the second major selections below. (p. 156)

Elementary Education General Studies and Academic Major Requirements

(96-99 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
MTH 150	Mathematics for Education Majors I	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts elective		3
Foreign Language elective [1]		3
History elective		3
Literature elective		3
Requirements of a selected academic major (varies according to major or concentration)		34-66
Science electives (one lab)		7
Social Science elective		3
Technology elective		3
General Studies Electives (varies according to second major or concentration		6-16

Professional Education

(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 308	Fostering Language and Literacy Development	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website. (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/)

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Note: Students may be required to fulfill entrance requirements for certain second majors.

Second Major/Concentration Selections

College of Education and Human Services

- Multidisciplinary Studies Concentration
- STEM Studies

College of Arts and Sciences

- Behavioral Neuroscience
- Biochemistry
- Biology
- Chemistry
- Communication Studies
- Criminal Justice
- Dance Studies
- Earth Sciences
- English Literature
- English Writing
- Environmental Sciences
- Environmental Studies
- Film and Television
- Geology
- Graphic Design
- Health Sciences
- History
- Journalism
- Marine Sciences
- Mathematics
- Music Production
- Political Science
- Psychology
- Public Relations
- Radio and Podcasting
- Sociology
- Spanish
- Theatre: Contemporary Theatre Practice Concentration

Elementary Education Minor Requirements

Undergraduate elementary education majors can elect to pursue the following minors, certifications and endorsements:

- Early Childhood / Elementary Dual Licensure Progra (p. 157)m
- Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in a Content Area (p. 157)
- Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in Psychology (p. 158)
- Bilingual Education (p. 158)
- English as a Second Language (p. 158)
- Middle School Education (p. 158)
  - (p. 158)Middle School with a Subject Matter Specialization in Chinese (p. 159)
  - Middle School with a Subject Matter Specialization in French (p. 159)
  - Middle School with a Subject Matter Specialization in Spanish (p. 159)
- Certificate in Technology (p. 159)

Early Childhood/Elementary Dual Licensure Program

The early childhood/elementary dual licensure program leads to two teaching certificates: preschool through third grade (P–3) and elementary (kindergarten through sixth grade). In addition to the professional education courses required of elementary education students, students in this dual licensure program are required to take the following 12-credit sequence of courses:

Code	Title	Credits
PSY 230	Child Development	3
ECE 200	Infant and Toddler Care and Education	3
ECE 332	Families, Community, and Diversity in Early Childhood Education	3
ECE 450	Developmental Methods and Assessment in Early Childhood Education	3

This program is available to any student who maintains a 2.75 GPA and meets all other requirements for admission and retention in the elementary education program.

Note: Students seeking early childhood certification are required to also take and pass the Early Childhood Praxis test (5025) prior to student teaching.

For information regarding this program please contact:

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education
Bierenbaum Fisher Hall 102D
609-896-5162
sdougherty@rider.edu

Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in a Content Area

The elementary education interdisciplinary minor in special education is designed for students majoring in elementary education and a content area (other than psychology) who wish to effectively work with students with disabilities, particularly in inclusive settings. This program includes the courses required by the New Jersey Department of Education for a Teacher of Students with Disabilities licensure endorsement.

The 21-credit sequence of courses is to be taken in addition to the requirements of both the elementary education and content area majors. The required courses may be included as general studies electives where appropriate. Students enrolled in the interdisciplinary minor in special education are required to maintain a GPA of 2.75. The following courses are required for this program:

Code	Title	Credits
SPE 201	Foundations in Special Education and Inclusive Practice	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
PSY 212	Introduction to Applied Behavior Analysis	3
PSY 237	Cognitive Disabilities	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
Total Credits		**21**

For information regarding this program please contact:

Diane Casale-Giannola, Ed.D.
Professor
Bierenbaum Fisher Hall 102E
609-896-5078
dgiannola@rider.edu

Elementary Education and Interdisciplinary Minor in Special Education with a Second Major in Psychology

This interdisciplinary minor in special education is designed for undergraduate students who are enrolled in elementary education with a second major in psychology. In addition to the courses required for the elementary education major, students enrolled in the minor program are required to take a specific sequence of courses within the psychology major. The following 15-credit sequence of courses is designed to teach concepts and applications in special education:

Code	Title	Credits
SPE 201	Foundations in Special Education and Inclusive Practice	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
Total Credits		**15**

Students enrolled in the interdisciplinary minor in special education are required to maintain a GPA of 2.75. The prescribed sequence of courses fulfills the requirements for a New Jersey Endorsement for Teacher of

Students with Disabilities. Graduates of this dual licensure program also receive certification in elementary education.

For information regarding this program please contact:

Diane Casale-Giannola, Ed.D.
Professor
Bierenbaum Fisher Hall 102E
609-896-5078
dgiannola@rider.edu

Bilingual Education

Certification in bilingual education is available to elementary education majors and secondary education majors who upon completion of the program have demonstrated competence in both English and another language. Candidates for this certification will complete:

Code	Title	Credits
Multicultural Studies Elective [1]		3
EDU 320	Introduction to Linguistics and Psycholinguistics	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
Total Credits		**15**

Language proficiency evaluations such as the Oral Proficiency Interview (OPI) and Written Proficiency Test (WPT) are required.

1

Possible multicultural electives: SPA 102, SPA 311, SPA 325; MCS 110, MCS 220, MCS 280; AMS 210, AMS 212; COM 252; HIS 307; POL 235; SOC 207.

Language proficiency evaluations such as the Oral Proficiency Interview (OPI) and Written Proficiency Test (WPT) are required.

For information regarding this program please contact:

Maria Villalobos-Buehner, Ph.D.
Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

English as a Second Language

Certification in English as a second language (ESL) is available to elementary and secondary education majors. It may be achieved by an additional 3-6 credits by majors in English or a foreign language (French, German or Spanish). All candidates for this certification will complete:

(15 credits)

Code	Title	Credits
EDU 320	Introduction to Linguistics and Psycholinguistics	3
Multicultural Studies elective [1]		3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
Total Credits		**15**

1

Possible multicultural electives:SPA 102, SPA 311, SPA 325, MCS 110, MCS 220, MCS 280, AMS 210, AMS 212, COM 252, HIS 307, POL 235,SOC 207.

For information regarding this program please contact:

Maria Villalobos-Buehner, Ph.D.
Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

Middle School Education

The minor in middle school education leads to an endorsement in middle school teaching of either English, mathematics, social studies, science, Chinese, French or Spanish. In order to qualify for the middle school endorsement, students must major in elementary education, minor in middle school education, take the required five credits in middle school education listed below, take a minimum of 15 credits in one of the above disciplines, and must also take the Middle School Praxis test for their content area.

In addition to the professional education courses required of elementary education students, students in this program are required to take:

Code	Title	Credits
ELD 350	Early Adolescence	1
ELD 360	Structure and Culture of Middle School Classroom	1
Select one of the following, depending upon your discipline:		**3**
EDU 420	Teaching a Second Language (required for students completing a specialization in Chinese, French, or Spanish)	
ELD 380	Methods of Teaching Mathematics in the Middle School	
ELD 385	Teaching Science in the Middle School	
ELD 390	Teaching Social Studies in the Middle School	
ELD 395	Literacy Learning in the Middle School	
Total Credits		**5**

For information regarding this program please contact:

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education
Bierenbaum Fisher Hall 102D
609-896-5162
sdougherty@rider.edu

In addition to the Middle School Education requirements above, students who specialize in Chinese, French, or Spanish must complete the following required courses:

Middle School Minor with a Subject Matter Specialization in Chinese

(20 credits: 15 credits shown below plus 5 credits for the Middle School Education Minor)

Code	Title	Credits
Complete the following courses:		
CHI 100	Chinese I	3
CHI 101	Chinese II	3
CHI 200	Chinese III [1]	3
CHI 201	Chinese IV [1]	3
CHI 300	Advanced Chinese Reading and Composition	3
Total Credits		**15**

1

If placement is at the 300 level or above, two additional courses at the 300 level or above are needed to replace the 200 level courses.

Middle School Minor with a Subject Matter Specialization in French

(20 credits: 15 credits shown below plus 5 credits for the Middle School Education Minor)

Code	Title	Credits
Complete the following courses:		
FRE 200	French III [1]	3
FRE 201	French IV [1]	3
FRE 300	French Composition/Translation	3
FRE 305	An Introduction to French Literature	3
FRE 320	French Phonetics and Conversation	3
Total Credits		**15**

1

If placement is at the 300 level or above, two additional courses at the 300 level or above are needed to replace the 200 level courses.

Middle School Minor with a Subject Matter Specialization in Spanish

(20 credits: 15 credits shown below plus 5 credits for the Middle School Education Minor)

Code	Title	Credits
Complete the following courses:		
SPA 200	Spanish III [1]	3
SPA 201	Spanish IV [1]	3
SPA 300	Advanced Grammar & Composition	3
SPA 302	Writing and Translating	3
Select one course from the following:		**3**
SPA 320	Introduction to Spanish Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 403	Medieval Literature	
SPA 410	Modern Hispanic Poetry	
SPA 411	Modern Spanish Novel	
SPA 412	Theater and Film of the Hispanic World	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 415	Spanish Renaissance	
SPA 416	The Spanish Golden Age	
Total Credits		**15**

1

If placement is at the 300 level or above, two additional courses at the 300 level or above are needed to replace the 200 level courses.

For information regarding the Chinese, French or Spanish specializations please contact:

Maria Villalobos-Buehner, Ph.D.
Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

Certificate in Technology

Students enrolled in education who successfully complete nine credits in technology-based courses are eligible for a Rider University Certificate in Technology indicating proficiency in instructional technology. Transfer students may transfer in a maximum of three credits for an appropriate technology course. The certificate is issued by the Department of Teacher Education and is obtained from the chair of the department.

For information regarding this certificate please contact:

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education
Bierenbaum Fisher Hall 102D
609-896-5162
sdougherty@rider.edu

Academic Plans of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

- Elementary Education / Behavioral Neuroscience (p. 160)
- Elementary Education / Biochemistry (p. 161)
- Elementary Education / Biology (p. 162)
- Elementary Education / Chemistry (p. 163)
- Elementary Education / Communication Studies (p. 164)
- Elementary Education / Criminal Justice (p. 165)
- Elementary Education / Dance (p. 166) Studies (p. 166)
- Elementary Education / Earth Sciences (p. 168)
- Elementary Education / English Literature (p. 169)
- Elementary Education / English Writing (p. 170)
- Elementary Education / Environmental Sciences (p. 171)
- Elementary Education / Environmental Studies (p. 172)
- Elementary Education / Film and Television (p. 167)
- Elementary Education / Geology (p. 174)
- Elementary Education / Graphic Design (p. 175)
- Elementary Education / Health Sciences (p. 176)
- Elementary Education / History (p. 177)
- Elementary Education / Journalism (p. 178)

- Elementary Education / Marine Sciences (p. 179)
- Elementary Education / Mathematics (p. 180)
- Elementary Education / Music Production (p. 182)
- Elementary Education / Political Scienc (p. 181)e (p. 181)
- Elementary Education / Psychology (p. 183)
- Elementary Education / Public Relation (p.)s (p.)
- Elementary Education / Radio and Podcasting (p. 185)
- Elementary Education / Sociology (p. 186)
- Elementary Education / Spanish (p. 187)
- Elementary Education / Theater: Contemporary Theatre Practice (p. 188)

Academic Plan for Elementary Education / Behavioral Neuroscience

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
Technology Elective		2
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
BNS 250 & 250L or ENV 200 or MTH 120	Biostatistics or Statistical and Computer Applications in the Natural Sciences or Introduction to Applied Statistics	3-4
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab	4
PSY 100	Introduction to Psychology	3
History Elective		3
Foreign Language Elective [1]		3
	Semester Credit Hours	**16-17**
Spring Semester		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	4
BNS 310 & 310L	Neurobiology and Neurobiology Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Literature Elective		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
Two Upper-level Neuroscience:		8
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Fine Arts Elective		3
General Studies Elective		3
	Semester Credit Hours	**17**
Spring Semester		
Select two Biology/Psychology electives:		8
BIO 260 or higher with a lab		
Psy 200 or higher		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
General Studies Elective		3
Technology Elective		1
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
One Upper-Level Neuroscience		4
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
or		
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
BNS 415	Seminar in Behavioral Neuroscience	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		1
	Semester Credit Hours	**14**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**125-126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Biochemistry

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
Technology Elective		2
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & CHE 214L	Organic Chemistry I and Organic Chemistry II Lab	4
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 & 265L	Genetics and Genetics Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
History Elective		3
Technology Elective		1
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
BCH 325	Biochemistry	3
BCH 326	Biochem and Enzymology I Lab	1
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
PHY 200 & 200L	General Physics I and General Physics I Lab	4
	Semester Credit Hours	**18**
Spring Semester		
BCH 330	Biochemistry II	3
BCH 331	Biochemistry II Lab	1
PHY 201 & 201L	General Physics II and General Physics II Lab	4
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
Literature Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BCH 490	Independent Study: Research and Creative Expression	3
CHE 305	Physical Chemistry I	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Advanced Biochemistry Elective Course [5]		1-4

Advanced Biochemistry Elective Course [5]		1-4
Social Science Elective		3
	Semester Credit Hours	**17-23**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**131-137**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Five or more credits of upper level biochemistry courses required. At least two of the five credits must be connected to laboratory courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Biology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 105	Algebra and Trigonometry [1]	4
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
MTH 210 or BNS 250	Calculus I or Biostatistics	4
CMP 125	Seminar in Writing and Research	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
Social Science Elective		3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 & BIO 260L	Genetics and Principle of Biology: Cells Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
BIO 265 or higher BIO/BNS Course and Lab		4
SPE 300	Inclusive Practices for General Education Teachers	3
History Elective		3
Literature Elective		3
Choose either sequence:		4
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
or		
PHY 200 & 200L	General Physics I and General Physics I Lab	
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 or higher BIO/BNS Course and Lab		4
Choose either sequence:		4
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
or		
PHY 200 & 200L	General Physics I and General Physics I Lab	
ELD 307	Emergent Literacy P-3 [3]	3

ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Technology Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BIO 265 or higher BIO/BNS Course and Lab		4
BIO 400	Seminar in Cellular and Molecular Biology	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Fine Arts Elective		3
	Semester Credit Hours	**16**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Chemistry

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
Foreign Language Elective [1]		3
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
COM 104	Speech Communication	3
MTH 212	Calculus III	4
PHY 200 & 200L	General Physics I and General Physics I Lab	4
Fine Arts Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
Social Science Elective		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
CHE 305	Physical Chemistry I	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
SPE 300	Inclusive Practices for General Education Teachers	3
	Semester Credit Hours	**16**
Spring Semester		
CHE 325	Physical Chemistry Laboratory	1
CHE 330	Instrumental Analysis Laboratory	2
General Studies Elective		3

General Studies Elective		3
General Studies Elective		3
Literature Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BCH 325	Biochemistry	3
CHE 315	Inorganic Chemistry	3
CHE 316	Inorganic Chemistry Laboratory	1
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Advanced Lab Course [5]		1-2
Advanced Lab Course [5]		1-2
	Semester Credit Hours	**15-17**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**127-129**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Advanced laboratory course: a total of four lab credits required.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Communication Studies

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
Science Elective (bio/phy)		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 2		
Fall Semester		
COM 107	Writing for the Media	3
COM 264	Digital Media: Theory and Practice	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Literature Elective		3
	Semester Credit Hours	**15**
Spring Semester		
COM 131	Fundamentals of Video Production	3
COM 201 or COM 205	Communication Theory or Persuasion	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
COM 204	Advanced Speech Communication	3
COM 302	Communication Ethics	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
One Course from Communication and Culture or Organizational Communication Emphasis [4]		3
General Studies Elective		2
	Semester Credit Hours	**17**
Spring Semester		
COM 301	Communication Law	3
COM 350	Team & Group Communication	3
One 300 Level Course from Communication and Culture or Organizational Communication Emphasis [4]		3

General Studies Elective		3
General Studies Elective		3
Social Science Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
COM 348	Communication Research Methods	3
COM 452 or COM 491	Seminar in Communication Studies or Internship in Communication	3
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

Two courses from any one emphasis (Communication and Culture **or** Organizational Communication). At least one course must be at the 300 level.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Criminal Justice

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
SOC 101	Sociological Imagination	3
MTH 150	Mathematics for Education Majors I	3
History Elective		3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
PHL 115	Ethics	3
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOC 206	Deviance and Crime	3
Category III Course [2]		3
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
Science Elective (BIO / PHY)		3
General Studies Elective [4]		2
	Semester Credit Hours	**17**
Spring Semester		
Category III Course [2]		3
Category IV Course [2]		3
Fine Arts Elective		3
Science Elective with Lab (BIO / PHY)		4
SPE 300	Inclusive Practices for General Education Teachers	3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
Category II Course [2]		3
Category III Course [2]		3
Category IV Course [2]		3
Literature Elective		3
Technology Elective		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
Category IV Course [2]		3
SOC 307	Criminal Justice Practice	3
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3

General Studies Elective		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Cateogry IV Course [2]		3
Category V Course [2]		3
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
SOC 460	Criminal Justice Senior Seminar	3
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website. (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please see requirements for Criminal Justice Major (p. 132).

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educations Test (Test Code 5752) in order to register for these courses.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Dance Studies

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
DAN 105 or DAN 180 or DAN 220	Survey of Dance History or History of Movement Theory or History of Choreography	3
DAN 111	Dance Lab	0
DAN 112	Ballet I: The Point of Departure	1
DAN 151	Pilates and Modern	1
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
	Semester Credit Hours	**14**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
DAN 111	Dance Lab	0
DAN 113	Ballet II: Next Steps	1
DAN 152	World Dance & Improvisation	1
DAN 350	History of Ballet, Modern & Jazz Dance	3
PSY 100	Introduction to Psychology	3
Technology Elective		3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
DAN 100	Fundamentals of Dance	1
DAN 111	Dance Lab	0
DAN 201	Vaganova I	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Arts History Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**15**
Spring Semester		
DAN 100	Fundamentals of Dance	1
DAN 111	Dance Lab	0
DAN 190	Dalcroze Eurythmics	3
DAN 202	Vaganova II	1
General Studies Electives		6
Science Elective (bio/phy)		3
Social Science Elective		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
DAN 300	Lecture & Studio in Dance	2
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
SPE 300	Inclusive Practices for General Education Teachers	3
Arts History Elective		3
General Studies Elective		3
	Semester Credit Hours	**17**

Spring Semester		
DAN 300	Lecture & Studio in Dance	2
DAN 450	Pedagogy and Methodology in Dance	3
Arts History Elective		3
General Studies Electives		6
History Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
DAN 300	Lecture & Studio in Dance	2
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		6
Literature Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Film and Television

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
FTV 135	Filmmaking I	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
FTV 230	Foundations of Film, Television and Radio	3
PSY 100	Introduction to Psychology	3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
FTV 235 or FMS 252	Filmmaking II or American Film History: Origins to 1960	3
FMS 250 or FMS 252	Global Film History: Origins to 1960 or American Film History: Origins to 1960	3
FMS 284	Language of Film Analysis	3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
FTV 238	Screenplay Fundamentals	3
FMS 251 or FMS 253	Global Film History: 1961 to Present or American Film History: 1961 to Present	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
Literature Elective		3
Science Elective (BIO / PHY)		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Filmmaking Elective		3
FTV Elective Course		3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
General Studies Elective		3

Two Filmmaking Electives		6
Two FTV Electives		6
Science Elective (bio/phy)		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
COM 399 or FMS 484	The Co-Operative Experience or Seminar in Cinema Studies	3
General Studies Electives		6
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Earth Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
PHY 180	Astronomy	3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**17**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
COM 104	Speech Communication	3
Foreign Language [1]		3
ENV 220 or BIO 116/ BIO 116L	Weather and Climate Change or Principles of Biology II	3-4
	Semester Credit Hours	**16-17**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
History Elective		3
Literature Elective		3
	Semester Credit Hours	**14**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
One Major Concentration Requirement or Elective [3]		3-4
One Foundational Course or Concentration Requirement [3]		4
Social Science Elective		3
	Semester Credit Hours	**16-17**
Year 3		
Fall Semester		
ENV 340	Environmental Field Methods and Data Analysis (or other Major Concentration Requirement or Elective)	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
One Major Concentration Requirement or Elective [3]		4
Technology Elective		3
	Semester Credit Hours	**16**
Spring Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3

General Studies Electives		4
Two Major Concentration Requirements or Electives [3]		6-8
	Semester Credit Hours	**16-18**
Summer Semester		
MAR 380 or MAR 300	The Learning and Teaching of Marine Science (or approved Geology Field Course from another institution) or Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
Two Major Concentration Requirements or Elective [3]		6-8
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
General Studies Elective		3
	Semester Credit Hours	**15-17**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126-132**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 (http://catalog.rider.edu/search/?P=EDU%20106) and EDU 206 (http://catalog.rider.edu/search/?P=EDU%20206) must be taken concurrently in either the fall or spring of the second year.

3

Courses selected should be made with the approval of the Earth Sciences academic advisor.

4

ELD 307 (http://catalog.rider.edu/search/?P=ELD%20307) and ELD 375 (http://catalog.rider.edu/search/?P=ELD%20375) must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5

ELD 308 (http://catalog.rider.edu/search/?P=ELD%20308) and ELD 376 (http://catalog.rider.edu/search/?P=ELD%20376) must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / English Literature

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
Foreign Language Elective [1]		3
General Studies Elective		3
Science Elective (BIO or PHY)		3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
General Studies Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ENG 251	Literary History II	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
Science Elective with Lab (BIO or PHY)		4
General Studies Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Genre/Theoretical/Sub-Genre Category)		3

General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Genre/Theoretical/Sub-Genre Category)		3
General Studies Elective		3
General Studies Elective		2
	Semester Credit Hours	**14**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
ENG 300 or 400 Level Course (Any Category)		3
ENG 400 Level Course (Seminar Category)		3
ENG 400 Level Course (Any Category)		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Cole 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / English Writing

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ENG 206	Introduction to Creative Writing	3
Science Elective (BIO or PHY)		3
Foreign Language Elective [1]		3
General Studies Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Social Science Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ENG 251	Literary History II	3
SPE 300	Inclusive Practices for General Education Teachers	3
ENG 300 Level Writing/Genre Course		3
Fine Arts Elective		3
Science Elective with a Lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
ENG 300 Level Literature Course		3
ENG 300 Level Writing/Genre Course		3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 300 Level Writing/Genre Course		3

ENG 300 Level Literature Course		3
ENG 300 Level Writing/Genre Course		3
General Studies Elective		3
General Studies Elective		3
General Studies Elective		2
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
ENG 300 Level Writing Course		3
ENG 300 Level Writing Course		3
ENG 400 Level Writing Course		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering forELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Environmental Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100 or GEO 113	Earth Systems Science or Environmental Geology	3
GEO 102	Earth Materials and Processes Lab	1
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
Foreign Language Elective [1]		3
History Elective		
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Fine Arts Elective		3
Technology Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3

ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	4
ENV 205	Introduction to Geographic Information Systems	3
BIO 350 & 350L	General Ecology and General Ecology Lab	4
	Semester Credit Hours	**17**
Spring Semester		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	4
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	4
or GEO 407, 407L		
Environmental Science or Policy & Humanities Elective		3-4
SPE 300	Inclusive Practices for General Education Teachers	3
Social Science Elective		3
	Semester Credit Hours	**17-18**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Two Environmental Science or Policy & Humanities Elective		6-8
Literature Elective		3
	Semester Credit Hours	**15-17**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**124-127**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Environmental Studies

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CMP 120	Seminar in Writing and Rhetoric	3
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 102	Earth Materials and Processes Lab	1
Foreign Language Elective [1]		3
Select one of the following:		3
GEO 100	Earth Systems Science	
GEO 113	Environmental Geology	
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**17**

Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENV 220	Weather and Climate Change	3
Social Science Elective		3
One Policy and Humanities Elective [3]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
ENV 205	Introduction to Geographic Information Systems	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Literature Elective		3
	Semester Credit Hours	**16**
Spring Semester		
Select one of the following:		3-4
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
ENV 340	Environmental Field Methods and Data Analysis	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
SPE 300	Inclusive Practices for General Education Teachers	3
One Policy and Humanities Elective [3]		3
General Studies Elective		3
Technology Elective		3
	Semester Credit Hours	**15-16**
Year 4		
Fall Semester		
BIO 350 & 350L	General Ecology and General Ecology Lab	4
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
One Policy and Humanities Course [3]		3
Two Policy and Humanities Electives (not already taken) [6]		6
	Semester Credit Hours	**19**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126-127**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/first-year-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

Policy and Humanities Electives - HIS 224, PHL 215, POL 328, POL 329.

4

ELD 307 and ELD 308 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Policy and Humanities Electives (select two not already chosen) - AMS 304, BHP 259, PHL 215, HIS 224, IND 316, POL 215, POL 328, POL 329, POL 330, SOC 225.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Geology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
Foreign Language Elective [1]		3
	Semester Credit Hours	**14**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
History Elective		3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**16**

Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	4
Literature Elective		3
Techology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
GEO 310 & 310L	Structural Geology and Structural Geology Lab	4
GEO 350 or GEO 407	Soil and Surficial Processes or Hydrology and Water Resources	4
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
ENV 205	Introduction to Geographic Information Systems	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Major Elective [4]		3
	Semester Credit Hours	**16**
Spring Semester		
GEO 305 & 305L	Petrology and Petrography and Petrology and Petrography Lab	4
GEO 350 & 350L or GEO 407 ***and*** GEO 407L	Soil and Surficial Processes or Hydrology and Water Resources ***and*** Hydrology and Water Resources Lab	4
Major Elective [4]		3
Fine Arts Elective		3
Social Science Elective		3
	Semester Credit Hours	**17**
Summer Semester		
An approved geology field camp (not offered at Rider)		3
	Semester Credit Hours	**3**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
GEO 304 & 304L	Elements of Mineralogy and Mineralogy Lab	4
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
SPE 300	Inclusive Practices for General Education Teachers	3
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**131**

1

For proper course placement please visit this website. (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

Must take one major elective: ENV 200, ENV 375, GEO 168, MAR 340.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Graphic Design

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3

COM 105	Communication, Culture and Media	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Science Elective (bio/phy)		3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 107	Writing for the Media	3
COM 131	Fundamentals of Video Production	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
COM 106	Writing for the Communication Professions	3
COM 212	Digital Publication Design	3
COM 264	Digital Media: Theory and Practice	3
COM 262	Graphic Imaging for Digital Media	3
Fine Arts Elective		3
General Studies Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
Select one of the following:		3
ART 103	Fundamentals of Drawing	
ART 105	Design	
COM 361	Photography	
COM 263	History and Principles of Graphic Design	3
COM 360	Advanced Publication Design and Presentation	3
COM 366	Project Management in Graphic Design	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
	Semester Credit Hours	**18**
Spring Semester		
COM 301	Communication Law	3
COM 462	Advanced Graphic Design and Portfolio	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 400	Senior Seminar Communication	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Health Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 105	Algebra and Trigonometry [1]	4

BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
PSY 100	Introduction to Psychology	3
CMP 125	Seminar in Writing and Research	3
Fine Arts Elective		3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 260	Principles of Biology: Evolution, Diversity, and Biology of Cells	4
BNS 250 & 250L	Biostatistics and Biostatistics Lab	4
COM 104	Speech Communication	3
Foreign Language Elective [1]		3
SOC 101	Sociological Imagination	3
	Semester Credit Hours	**17**
Spring Semester		
Category I Elective [2]		3-4
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
History Elective		3
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**18-19**
Year 3		
Fall Semester		
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
HTH 205	Introduction to Health Care	3
Category II Elective [5]		4
	Semester Credit Hours	**17**
Spring Semester		
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
HTH 215	Population Health Care Management	3
PHL 304	Medical Ethics	3
PSY 345	Health Psychology	3
SOC 346	Health Care and Society	3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
Category I Elective [2]		3-4
Category II Elective [5]		4
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
SPE 300	Inclusive Practices for General Education Teachers	3
Seminar Capstone in Health Sciences		3
	Semester Credit Hours	**19-20**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
GLS 325	Global Perspectives on Health and Illness	3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**134-136**

1 For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2 One course from Category I: BCH 225, BIO 206, CHE 211, CHE 214, PHY 100 and PHY 100L or PHY 200 and PHY 200L, PHY 101 and PHY 101L or PHY 201 and PHY 201L, PSY 220.

3 EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4 ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5 One course from Category II: BIO 265, BIO 300, BIO 305, BIO 370, BNS 310, or BNS 360.

6 ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

7 Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / History

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely

graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
HIS 160	Seminar in History	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
HIS 151	World History Since 1500	3
HIS 180 or HIS 181	U.S. History I or U.S. History II	3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
HIS 190 or HIS 191	Europe to 1715 or Europe Since 1715	3
Upper Level History Elective (HIS 200-399) [2]		3
General Studies Elective		3
Literature Elective		3
Science Elective with a Lab (bio/phy)		4
	Semester Credit Hours	**16**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
Fine Arts Elective		3
Science Elective (bio/phy)		3
Upper Level History Elective (HIS 200-399)		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
HIS 260	Craft of History	3
Two Upper Level History Electives (HIS 200-399)		6
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		2
General Studies Elective		3
Select two of the following:		**6**
Upper Level History Electives (HIS 200-399) or		
HIS 491	Internship in History	
Technology Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
ELD 308	Fostering Language and Literacy Development [5]	3
HIS 460	Research Seminar	3
Upper Level History Elective (HIS 200-399)		3
Upper Level History Elective (HIS 200-399)		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

Program must include at least two courses at the 200 level and at least two at the 300 level. At least two courses must be Diversity courses.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Journalism

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
Foreign Language Elective [1]		3
History Elective		3
MTH 150	Mathematics for Education Majors I	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 102	Introduction to News Writing	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 264	Digital Media: Theory and Practice	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Fine Arts Elective		3
	Semester Credit Hours	**15**
Spring Semester		
COM 204	Advanced Speech Communication	3
COM 210	News Reporting and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
COM 211	Copy Editing	3
COM 212	Digital Publication Design	3
COM 315	Computer Assisted Reporting	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Science Elective (bio/phy)		3
	Semester Credit Hours	**18**
Spring Semester		
COM 301	Communication Law	3
COM 316	Feature Writing	3
General Studies Elective		3
Journalism Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 400	Senior Seminar Communication	3
COM 415	In-Depth Reporting	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		2
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1 For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2 EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3 ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4 ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5 Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Marine Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3

BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Foreign Language Elective [1]		3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
Fine Arts Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2psy 230]	3
History Elective		3
Social Science Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
SPE 300	Inclusive Practices for General Education Teachers	3
	Semester Credit Hours	**17**
Spring Semester		
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	4
MAR 410	Physical Oceanography	3
PHY 101	Principles of Physics II	3
PHY 101L	Principles of Physics II Lab	1
Literature Elective		3
Major Elective [4]		4
	Semester Credit Hours	**18**
Summer Semester		
MAR 300	Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
ELD 308	Fostering Language and Literacy Development [5]	3
MAR 340	Marine Processes and Environments: Seminar	3
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	4
Major Elective [4]		3-4
	Semester Credit Hours	**16-17**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**132-133**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

Major Electives: BIO 372, ENV 205, MAR 210, MAR 325, MAR 360.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Mathematics

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are

in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
Foreign Language Elective [1]		3
History Elective		3
MTH 210	Calculus I [1]	4
	Semester Credit Hours	**16**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
PSY 100	Introduction to Psychology	3
Social Science Elective		3
Fine Arts Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 212	Calculus III	4
MTH 240	Linear Algebra	3
PHY 200 & 200L	General Physics I and General Physics I Lab	4
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
MTH 250	Differential Equations	3
MTH 315	Modern Geometry	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
MTH 308	Advanced Calculus	3
MTH 340	Probability & Statistical Analysis I	3
General Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MTH 410	Complex Analysis	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
General Studies Elective		1
General Studies Elective		3
Mathematics Elective		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
MTH 401	Modern Algebra	3
Mathematics Elective		3
Mathematics Elective		3
General Studies Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 (http://catalog.rider.edu/search/?P=EDU%20106) and EDU 206 (http://catalog.rider.edu/search/?P=EDU%20206) must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 (http://catalog.rider.edu/search/?P=ELD%20307) and ELD 375 (http://catalog.rider.edu/search/?P=ELD%20375) must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Political Science

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely

graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
POL 102	Power, Politics and Justice	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
POL 100	U.S. Politics in Crisis	3
PSY 100	Introduction to Psychology	3
Science Elective with lab (bio/phy)		4
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Choose one of the following:		3
POL 239	Modern Political Theory	
POL 340	Modern Democracy and Its Critics	
POL 342	Contemporary Political Theory: Freedom and Authority	
POL 343	American Political Thought	
Science Elective (bio/phy)		3
Fine Arts Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
POL 202	The Political System - Theories and Themes	3
Choose one of the following:		3
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 325	Public Administration	
POL 326	Power in American Politics	
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		3
Literature Elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Choose one of the following:		3
POL 235	Race and Ethnicity in American Politics	
POL 305	Political Parties and Electoral Behavior	
POL 312	Congressional Politics	
POL 313	American Presidency	
General Studies Elective		3
General Studies Elective		3
Political Science Elective (any level)		3
	Semester Credit Hours	**18**
Spring Semester		
POL 491	Internship in Political Science	3
Choose one of the following:		3
POL 216	Comparative Political Systems	
POL 320	Politics of the Middle East	
POL 318	Conflict Resolution	
POL 365	Politics of the Developing World	
General Studies Elective		3
General Studies Elective		2
Upper-level Political Science Elective		3
Upper-level Political Science Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Choose one of the following:		3
POL 215	Global Politics	
POL 225	Nationalism in World Politics	
POL 321	International Law	
POL 371	The Arab-Israeli Conflict	
POL 450	Seminar in Political Science	3
Upper-level Political Science Elective		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Music Production

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MUS 205	History of Pop and Rock Part I	3
MUS 213	Digital Composition of Popular Music	3
MTH 150	Mathematics for Education Majors I	3
Applied/Media Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
MUS 113	Popular Music Theory I	3
MUS 113L	Popular Music Theory Lab I	1
MUS 206	History of Pop and Rock Part 2	3
MUS 313	Digital Synthesis	3
PSY 100	Introduction to Psychology	3
Applied/Media Elective		1
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
COM 104	Speech Communication	3
MUS 204	Jazz History	3
Applied/Media Elective		3
Culture/History Elective		3
Foreign Language Elective [1]		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
MUS 106	Survey of Music History II	3
MUS 214	Writing about Music	3
Applied Music Elective		1
Culture/History Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MUS 308	World Music	3
SPE 300	Inclusive Practices for General Education Teachers	3
Applied/Media Elective		1
Culture/History Elective		3
History Elective		3
Science Elective (bio/phy)		3
Science Lab		1
	Semester Credit Hours	**17**
Spring Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
Culture/History Elective		3
Department Elective		3
Literature Elective		3
Science Elective (bio/phy)		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
Department Elective		3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
MUS 498	Popular Music Culture Capstone	3
Department Elective		3
Department Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**131**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Psychology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	4
200 Level Psychology Developmental Pillar		3
Technology Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
PSY 201	Statistics and Research Design	3
200 Level Psychology Biological Foundations Pillar		3
General Studies Elective		3
Literature Elective		3
Science Elective with Lab (BIO / PHY)		4
	Semester Credit Hours	**16**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
200 Level Psychology Cognition Pillar		3
200 Level Psychology Social & Personality Pillar		3
300 Level Psychology Research Methods with Lab		4
General Studies Elective		2
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
SPE 300	Inclusive Practices for General Education Teachers	3
Psychology 200 Level Mental & Behaviorial Health Pillar		3
Psychology 300 Level Pillar Depth Course 1		3
Fine Arts Elective		3
	Semester Credit Hours	**18**
Spring Semester		
Psychology 300 Level Pillar Depth Course 2		3
Psychology 300 Level Pillar Depth Course 3		3
General Studies Elective		3
General Studies Elective		3
General Studies Elective		2
Science Elective (BIO / PHY)		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Psychology 300 Level Pillar Depth Course		3
Senior Level Requirement		3
One from the following:		4
PSY 400	Senior Seminar	
PSY 490	Independent Study: Research and Creative Expression	
PSY 491	Internship in Psychology	
General Studies Elective		3
	Semester Credit Hours	**19**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**131**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Public Relations

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language Elective [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
Science Elective (bio/phy)		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 107	Writing for the Media	3
COM 131	Fundamentals of Video Production	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Spring Semester		
COM 264	Digital Media: Theory and Practice	3
COM 204	Advanced Speech Communication	3
SPE 300	Inclusive Practices for General Education Teachers	3
Literature Elective		3
Social Science Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
COM 212	Digital Publication Design	3
COM 240	Public Relations	3
COM 301	Communication Law	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
	Semester Credit Hours	**15**
Spring Semester		
COM 302	Communication Ethics	3
COM 316	Feature Writing	3
COM 348	Communication Research Methods	3
General Studies Elective		3
General Studies Elective		3
Public Relations Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
COM 341	Public Relations Writing and Strategy	3
COM 400	Senior Seminar Communication	3
COM 440	Cases & Campaigns in Public Relations	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		2
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Radio and Podcasting

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 105	Communication, Culture and Media	3
MTH 150	Mathematics for Education Majors I	3
Foreign Language [1]		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Social Science Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Fine Arts Elective		3
Radio Major Requirement		3
	Semester Credit Hours	**15**
Spring Semester		
COM 233	Writing for Broadcast	3
COM 264	Digital Media: Theory and Practice	3
SPE 300	Inclusive Practices for General Education Teachers	3
Literature Elective		3
General Studies Elective		2
Radio Major Requirement		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
COM 301	Communication Law	3
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
General Studies Elective		3
Two Radio Major Requirements		6
	Semester Credit Hours	**18**
Spring Semester		
COM 302	Communication Ethics	3
Science Elective (bio/phy)		3
General Studies Elective		3
Two Radio Major Requirements		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 400	Senior Seminar Communication	3
COM 431 or COM 434	Advanced Television News Production or Advanced Structure of Sound in Podcasting and Radio	3
ELD 308	Fostering Language and Literacy Development [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
General Studies Elective		3
Radio Major Requirement		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Sociology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
Foreign Language Elective [1]		3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
SOC 101	Sociological Imagination	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
PSY 100	Introduction to Psychology	3
History Elective		3
Science Elective (BIO or PHY)		3
SOC 201	Intro Seminar in Sociology	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Required Sociology Elective (1 of 6) [3]		3
Required Sociology Elective (2 of 6) [3]		3
Technology Elective		3
	Semester Credit Hours	**15**
Spring Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
Literature Elective		3
Science Elective with a lab (BIO or PHY)		4
Required Sociology Elective (3 of 6) [3]		3
Required Sociology Elective (4 of 6) [3]		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
General Studies Elective		3
Fine Arts Elective		3
SOC 314	Social Theory	3
Sociology Requirement 300 Level (1 of 3)		3
	Semester Credit Hours	**18**
Spring Semester		
SOC 301	Methods of Sociological Research	3
General Studies Elective		2
General Studies Elective		3
General Studies Elective		3
Required Sociology Elective (5 of 6) [3]		3
Sociology Required 300 Level (2 of 3)		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
SOC 400	Senior Seminar	3
General Studies Elective		3
Required Sociology Elective (6 of 6) [3]		3
Required Sociology 300 Level (3 of 3)		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1 For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2 EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3 Choose from SOC 311, SOC 315, SOC 317, SOC 330, SOC 340, or SOC 355.

4 ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

5 ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

6 Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Academic Plan for Elementary Education / Spanish

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
SPA 200	Spanish III [1]	3
	Semester Credit Hours	**15**
Spring Semester		
SPA 201	Spanish IV	3
CMP 125	Seminar in Writing and Research	3
SPA 310 or SPA 311 or SPA 312	Spanish Culture & Civilization or Latin American Cultures or Latinx Cultures	3
History Elective		3
Science Elective (BIO / PHY)		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SPA 300 or SPA 302	Advanced Grammar & Composition or Writing and Translating	3
SPA 320	Introduction to Spanish Literature	3
Select one of the following:		**3**
CHI 100	Chinese I	
FRE 100	French I	
GER 100	German I	
Fine Arts Elective		3
Science Elective with Lab (BIO/PHY))		4
ITA 100	Italian I	
	Semester Credit Hours	**16**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
SPA 325	Introduction to Latin-American/Latino Literature	3
SPA 301 or SPA 303	Spanish for Business or Advanced Communication and Popular Cultures	3
CHI, FRE, GER or ITA 101		3
General Studies Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
CHI, FRE, GER or ITA 200		3
LIT 250	Masterworks of Western Literature I	3
SPA 420 or SPA 312	From Colonies to Nations or Latinx Cultures	3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
LIT 251	Masterworks of Western Literature II	3
SPA 426 or SPA 416	Latin American/Latino Film and Fiction or The Spanish Golden Age	3
SPA 305 or SPA 416	Cervantes or The Spanish Golden Age	3
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective		2
General Studies Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
EDU 420	Teaching a Second Language [4]	3
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
SPA 410 or SPA 411 or SPA 412 or SPA 413	Modern Hispanic Poetry or Modern Spanish Novel or Theater and Film of the Hispanic World or The Hispanic Short Story: Transatlantic Connections	3
SPA 490	Independent Study: Research and Creative Expression	3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

Academic Plan for Elementary Education / Theater: Contemporary Theatre Practice

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab	0
THE 118	Visual Imagination	3
THE 190	Production I	1
Foreign Language Elective [1]		3
	Semester Credit Hours	**16**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
PSY 100	Introduction to Psychology	3
THE 111	Theatre Lab	0
THE 115	Stagecraft	3
THE 190	Production I	1
History Elective		3
Contemporary Theater Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
THE 111	Theatre Lab	0
THE 105	Theatre History to 1700	3
THE 240	Script Analysis	3
THE 190	Production I	1
THE 207	Contemporary Theatre	3
Literature Elective		3
Social Science Elective		3
	Semester Credit Hours	**16**
Spring Semester		
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 311	Creative Writing: Playwriting	3
THE 106	Theater History Since 1700	3
THE 111	Theatre Lab	0
THE 400	Directing for the Stage I	3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ELD 307	Emergent Literacy P-3 [3]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [3]	3
THE 111	Theatre Lab	0
THE 219	Stage Management (or Contemporary Theatre Elective)	3
General Studies Elective		3
Science Elective with a lab (bio/phy)		4
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
Contemporary Theatre Elective		3
THE 493	Contemporary Theatre Ensemble	3
General Studies Elective		4
Science Elective (bio/phy)		3
Technology Elective		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [3]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [3]	3
SPE 300	Inclusive Practices for General Education Teachers	3
THE 498 or THE 491	Senior Capstone or Internship in Theater	3
General Studies Elective		6
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [4]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**128**

1 For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/).

2 EDU 106 and EDU 206 must be taken concurrently in either the fall or spring semester of the second year.

3 ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Praxis Core Academic Skills for Educators Test (Test Code 5752) in order to register for these courses.

4 ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching. Students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for these courses.

5 Students must have a “C+” or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test must be passed prior to registering for ELD 308 and ELD 376 and before applying for student teaching.

Courses and Descriptions

BED 410 Prin/Strat Voc & Coop Ed 3 Credits
Designed as one of the specialized courses in the preparation of business and marketing education teachers and teacher-coordinators of cooperative work experience programs. The philosophy and history of education for and about work, including technology, are studies along with the principles and strategies for organizing and administering vocational cooperative education programs. Developmental/reflective evaluative techniques will be applied for the assessment of self, students, instruction and selected case studies. Current instructional concepts, organizational and administrative strategies, legislative enactments, and regulations pertaining to the employment of youth are included. Special attention is given to the role of vocational student organizations and advisory committees. Open to all students. A cumulative GPA of 2.75 is required.

BED 415 Teaching Business Subjects 3 Credits
Instructional strategies in the teaching of business and marketing subjects are analyzed and demonstrated. Students are required to prepare lesson plans, teach demonstration lessons, develop a unit plan, and compile a resource file of teaching materials. Videotaping of demonstration lessons is integrated with the course work to encourage developing teaching competency through a series of instructional modules appropriate to the student's certification interests. A cumulative GPA of 2.75 is required.

BED 445 Work Experience Cooperative Program 3-6 Credits
A minimum of 300 hours in a supervised occupational experience or a supervised internship program in an approved work station or institution. The experience is coordinated and supervised by a qualified coordinator of occupational education. A series of activities are designed to relate job and intern experiences to the student's future role as an employee or a professional teacher. The student will be evaluated by the supervising employer and the University supervisor.

BED 490 Independent Research & Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

ECE 200 Infant and Toddler Care and Education 3 Credits
Focuses on nutritional and psychological influences on infant and toddler growth and development, including current research in infant development; childbirth; breast feeding; infant stimulation; intellectual development; attachment behavior; and infants in group care. Recognizing that there is increased demand for infant/toddler care, it is increasingly important to assure that America’s infants receive a safe, healthy, emotionally secure, and intellectually rich start in life. High quality care and education of very young children are based upon responsive and respectful relationships among all of the people in each child’s life.

ECE 332 Families, Community, and Diversity in Early Childhood Education 3 Credits
This course addresses the role of parents of young children within the context of school, home and society, as well as the influence of culture, traditions and current issues in early childhood education. Students will explore the efficacy of parenting techniques and behaviors on child development in the early years, including cognitive growth, emotional and social well-being and physical health. Students will investigate strategies for fostering home-school partnerships that enhance child development and educational success, as well as the influence of community, culture and socio-economic status on families and schools throughout our world. In addition, this course addresses current issues and challenges in the early childhood profession including inclusion of children with special needs, advocacy for quality care and education for all young children, and any other subject that might arise - either from the lives of children and families, teachers’ professional development, or community agencies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ECE 450 Developmental Methods and Assessment in Early Childhood Education 3 Credits
The focus of this course is developmentally appropriate and culturally responsive curriculum and teaching P-3 settings as delineated in the guidelines of the National Association for the Education of Young Children. Students will learn how to make curriculum and teaching decisions based on knowledge of child development, content area, curriculum content standards, and home and community cultures. In order to meet the ever-changing needs, interests, and growing strengths of individual children, careful observation and assessment provides teachers with information on which to base adjustments of teaching plans. This course will provide opportunities to deepen understanding of child development; gain an appreciation for the professional responsibility of ongoing assessment of children; and, develop the necessary skills to gather, record, and interpret information in a deliberate and reflective manner. Required: 6 hours per week field placement in a Preschool classroom. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

EDE 200 Effective Classroom Management 3 Credits
Issues of classroom management often pose the biggest challenges for novice teachers. However, with the proper training many of these obstacles can be prevented, which results in more time spent on effective instruction. This course is based on two premises: (1) that most problems of classroom order can be prevented through the use of effective, research-based classroom management strategies, positive teacher-student relationships, and engaging instruction; and (2) that the goal of classroom management is the development of an environment conducive to both academic and social emotional learning. Given these premises, the course focuses not on disciplinary interventions designed to control students, but on ways of preventing disruptive behavior, creating a peaceful, caring community, resolving conflicts, and meeting the needs of diverse students through the use of effective motivational and instructional strategies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

EDE 225 Guided Field Experience in K-12 Classrooms 3 Credits
This is a field-based course in which students will spend an intensive three-week term in a designated school setting, mediated by University faculty. Students will participate in the daily routines of elementary, middle, or secondary schools. Field-site teachers will mentor students by articulating decisions that they make regarding classroom instruction and assessment. Students will meet regularly in seminar to analyze and discuss issues related to teaching and learning. This course will be offered J-Term, Summer I or other three week period.

EDE 226 Teaching and Managing in the Urban Classroom 3 Credits
This course focuses on teaching and managing K-12 classrooms in urban settings. Through four weeks of on-line instruction, students will learn key principles of classroom management and examine foundational issues that can underpin educational inequality, such as racial, ethnic and linguistic diversity, poverty, high student mobility and frequent teacher turnover. The course culminates with the Philadelphia Urban Seminar, a two-week residential experience (mediated by Rider University faculty) that includes ten days of intensive field experience in central Philadelphia classrooms, weekday seminars with faculty, and historical/cultural experiences and community service project activities on the weekend.

EDE 306 Thinking Critically with Data 1 Credits
This course will help students develop the kinds of data literacy skills needed for success in teaching. It will focus on five related that teachers need: (1) finding the relevant pieces of data in the data system or display available to them (data location); (2) understanding what the data signify (data comprehension); (3) figuring out what the data mean (data interpretation); (4) selecting an instructional approach that addresses the situation identified through the data (instructional decision making); (5).

EDE 307 Assessment in 21st Century Classrooms 1 Credits
This course offers an in-depth look at assessment to meet the need of 21st century teaching and learning. Students learn how to plan, develop, interpret, and manage valid assessments of student learning. Students will learn the following assessment-related skills and understandings: (1) the purpose of assessment in 21st century classrooms; (2), basics of assessments: reliability and validity; formative and summative assessment; alignment of assessments with objectives; and determining what can (what cannot) be reliably and validly assessed; (3) basics of rubric development; (4) holistic scoring; (5) assesment of critical thinking skills in diverse domains; (6) assesment of creativity in diverse domains. The course will be taught online.

EDE 375 Applications for Teaching Mathematics in Grades 4-5 1 Credits
This course will provide students the experience to share and learn about the practical applications of teaching mathematics to the 4th and 5th grade children as they are based on the field site classrooms of these grades. Students complete reflections about their work with mathematics and their observations of their cooperating teachers' lessons. The developmental aspect of math skills will be reviewed, looking at the Learning Progressions that are the basis for the new Common CORE State Standards. This course will provide an opportunity for students to have guidance in the teaching and learning of mathematics in the upper elementary grades. Upon completion of this course, students should have the knowledge, skills and confidence to meet the needs of all students, K-6. Prerequisite(s): ELD 375.
Corequisite(s): ELD 376 or ELD 308 or as prerequisite.

EDU 101 First Year and Transfer Education Seminar 1 Credits
First year/transfer seminar provides an engaging orientation to the undergraduate teacher education program at Rider University. During this course, students new to the Department of Teacher Education will explore their beliefs about teaching, learning and school. This focus will be broken into four areas of inquiry that include: (a) What knowledge is of "greatest worth" for educators? (b) What is the purpose of a policy and who gets to make the decisions? (c) What is a "safe" school? (d) What role do unions and professional communities play in the lives of educators and children?.

EDU 106 Contexts Of Schooling 3 Credits
Students in this field-based course will begin to examine aims, practices, and contemporary issues of schooling in their historical, sociological, philosophical, and futuristic contexts and from the perspectives of various multicultural constituencies-- students, parents, local community, wider economic community, government, and the profession. In doing so, they will begin to develop professional skills of observation, reflection, analysis, and argument. This course must be taken concurrently with EDU 206. A cumulative GPA of 2.75 is required.

EDU 206 Developmental Education Psychology 3 Credits
This field-based course focuses on: a) the cognitive, personality, social, creative, and moral development of children and adolescents; b) influential theories, concepts, and research findings of educational psychology; and c) the translation of psychological theory into classroom practices. This course must be taken concurrently with EDU 106. A cumulative GPA of 2.75 is required.

EDU 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester. A cumulative GPA of 2.75 is required. NOTE: This course is cross-listed with FLE 320. Students cannot get credit for both FLE 320 and EDU 320.

EDU 358 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

EDU 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. A cumulative GPA of 2.75 is required.
*NOTE: This course is cross-listed as FLE 420. Students cannot get credit for both FLE 420 and EDU 420.
Prerequisite(s): EDU 106 with a minimum grade of C+ or EDU 106 with a minimum grade of TR and EDU 206 with a minimum grade of C+ or EDU 206 with a minimum grade of TR.

EDU 451 Special Topics in Education 1-6 Credits
Student teachers, graduate interns, Rider faculty, cooperating teachers, and building-level administrators will engage in collaborative study of a topic through reading, writing, discussion, observation, and reflection on their work in classrooms. Work in these seminars will help student teachers synthesize knowledge from their professional courses and all participants extend their understanding of a particular topic pertaining to teaching. Teacher research methods will be employed as participants analyze their own teaching through perspectives of the seminar topic. Topics will vary each semester. This course is dual-listed for undergraduate and graduate credit. Enrollment is limited to students concurrently enrolled in student teaching and to cooperating teachers and principals working with them.

EDU 460 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal, and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing, and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study. A cumulative GPA of 2.75 is required.

EDU 465 Student Teaching and Seminar 12 Credits
A full-time program for seniors providing practical teaching experience in an accredited elementary or secondary school. Under the direct supervision of the cooperating teacher, student teachers are responsible for the planning of lessons and for teaching in their areas of specialization and for developing a high level of teaching competency. Supervisors from Rider observe the student teachers at work, confer with the cooperating teachers and student teachers, and evaluate the growth of the student teachers throughout the internship period. Special topics are considered in seminars held in conjunction with student teaching. These topics include school health and substance abuse, school law, teacher certification and placement, classroom management, mainstreaming, professionalism, and other topics deemed appropriate by the faculty and student teachers.
Prerequisite(s): 1. Satisfactory completion of junior-level professional courses; 2. Cumulative GPA of at least 3.0 prior to commencing the semester in which student teaching is to be completed; 3. All professional education courses, with the exception of those taken concurrently with student teaching, must be completed with a grade of "C +" or better; 4. A candidate for student teaching must be approved by the education division and the coordinator of student teaching. There is an additional fee for Student Teaching.

EDU 477 International Student Teaching 3 Credits
This course provides an immersion opportunity for student teachers to learn about the different cultures and the education system of other countries while living and teaching abroad. Students will explore topics such as global awareness, international curriculum, global educational issues, and pedagogy to support diverse student needs. Through seminar discussion, research, observation, reflection and practical experience, students will develop and share their understanding of diversity in an international setting to increase global awareness, inclusive practice, and professional skills to develop a culturally responsive classroom. A fee is required for this course.
Prerequisites: 3.25 GPA, letter of recommendation, successful completion of required PRAXIS exams, interview, essay, and successful completion of local student teaching. POI required.

ELD 128 Developing Mathematical Ideas for Elementary School Teachers 1 Credits
Prospective teachers will examine the mathematics content and curriculum that is taught in grades K-6, focusing upon the multi-layered aspects of the topics that successful elementary teachers need to understand profoundly in order to provide appropriate instruction. There will be a series of topics selected from those that have historically been especially difficult for teachers to thoroughly understand at the depth needed to teach effectively. Some of the topics may vary each semester.

ELD 307 Emergent Literacy P-3 3 Credits
This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 308 Fostering Language and Literacy Development 3 Credits
Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206; ELD 307.

ELD 350 Early Adolescence 1 Credits
This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes.

ELD 355 Teaching in the Inclusive Middle School Classroom 1 Credits
This course will highlight the legal and ethical responsibilities of general education teachers in the middle school classroom. The special education process will be discussed and methods to address special needs in the classroom will be shared. Strategies to differentiate instruction and work collaboratively with school community members will help pre-service teachers develop and implement effective instruction that meets diverse needs in the middle school inclusive classroom.
Prerequisite(s): EDU 106 and EDU 206 and a cumulative GPA of 2.75 is required.

ELD 360 Structure and Culture of Middle School Classroom 1 Credits
This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 375 Methods of Teaching Mathematics in Elementary Classrooms 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206, MTH 102 or MTH 105 or MTH 150 or MTH 210.

ELD 376 Teaching Science, Social Studies and the Arts N-6 3 Credits
This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade six (based on NCSS, NSTA, and NAEA Standards). Emphasis is placed on an integrated approach to curriculum, with lesson and unit planning activities that incorporate hands-on-experiences, discovery learning and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of classroom instruction and the teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required.
Prerequisite(s): ELD 307 and ELD 375.

ELD 380 Methods of Teaching Mathematics in the Middle School 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. In keeping with the National Council of Teachers of Mathematics (NCTM) Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experience, use of technology, and traditional and non-traditional assessment. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 385 Teaching Science in the Middle School 3 Credits
This course focuses on the teaching of sciences that is developmentally appropriate for students in grades six through eight. In keeping with the National Science Education Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experiences, use of technology and traditional and non-traditional assessment strategies. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 390 Teaching Social Studies in the Middle School 3 Credits
This course focuses on the teaching of social studies that is developmentally appropriate for students in grades six through eight. Its focus will explore understanding of United States history, geography and civics from the perspective of the middle school. The course emphasizes the ten themes of social studies as developed by the National Council for the Social Studies. In addition to the facts, concepts and generalizations encompassed by the ten themes, the course works with academic, social, thinking and citizenship skills. The required, intensive field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 395 Literacy Learning in the Middle School 3 Credits
This course focuses on the teaching of literacy that is developmentally appropriate for students in grades six through eight. It explores processes in reading, writing, speaking, listening and viewing, relationships among the language arts and other subject areas, and the development of critical literacy and cognitive strategies. The intense field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 490 Independent Study: Research and Creative Expression 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hour's credit to be assigned is determined by the department.

SPE 201 Foundations in Special Education and Inclusive Practice 3 Credits
This course emphasizes the foundations of special education and introduces students to inclusive practice. Philosophical, historical, and legal foundations of special education and characteristics of students with disabilities will be examined. Students will learn the components of an Individualized Education Program (IEP), how to adapt learning environments and curricular materials, as well as how to select and implement modifications for students with disabilities. Inclusive educational practices including communication, coteaching, and collaborative partnerships will be addressed through case studies and fieldwork. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 is required.

SPE 202 Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities 3 Credits
This course is designed to examine the characteristics of individuals with Autism Spectrum Disorder (ASD) and strategies to support their academic, communication, and social/behavioral growth, including the use of assistive technology and positive behavioral supports. Methods and strategies for ASD and other low incidence disabilities will be explored. Through active participation in class and field sites, students will become aware of the various social issues related to family, education, transition, community resources and work experiences of individuals with these disabilities. Students will be required to complete a minimum of 30 weekday field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 210 Global Encounters 3 Credits
This course is an international learning experience focused on exploring educational opportunities in the United States and abroad. Students will study the history, policy and practice of special education in the United States and compare it with another country and culture first hand, through lectures, school visits and reflection. Current strategies and challenges of educators and families supporting individuals with disabilities will be examined. Through this cross-cultural experience, students will broaden perspectives and develop cultural awareness, knowledge, and understanding of diversity. This course is open to all students and disciplines. There are no prerequisites.

SPE 300 Inclusive Practices for General Education Teachers 3 Credits
This online course is designed to introduce preservice general education teachers students to special education and the inclusive classroom. Students will explore current issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours. Prereqisite(s): EDU 106 and EDU 206. A cumulative gpa of 2.75 is required.

SPE 303 Assessment and Instruction for Students with Disabilities 3 Credits
This course will emphasize the relationship between assessment and instructional design and implementation. Coursework includes the evaluation, selection, development, and adaptation of standardized, normreferenced, and functional assessments, such as a Functional Behavioral Assessment (FBA) and Ecological Assessment. Strategies to support literacy instruction for students with disabilities will be examined. Transition planning, program development, and agencies available to support students with disabilities and their families will be explored. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 304 Assessment and Instruction in the Inclusive Classroom 3 Credits
This course will emphasize assessment, planning, and instructional design to maximize the learning of all students, including those with exceptional learning needs, in the inclusive classroom. Students will have the opportunity to explore a variety of instructional strategies to meet the needs of diverse learners. Organization of learning environments and the collaborative process, including co-teaching models, will be utilized to design a long-term unit plan. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 305 Assessment and Instruction for Students with Autism Spectrum Disorders 3 Credits
Through this course, teacher candidates will learn both theories related to teaching students with Autism Spectrum Disorder (ASD) as well as best practices in the classroom related to academic instruction, as well as emotional, behavioral, and communicative interventions. This course also includes a field component, in which teacher candidates are expected to complete 10 hours of observation in a classroom with students with ASD. The course begins by examining the characteristics of the disability, causes, early warning signs, diagnostic procedures, and early intervention practices. Specific practices related to instruction and intervention as well as how to best structure a classroom for students will be examined. Teacher candidates will receive instruction in a variety of strategies and practices, even those that do not yet qualify as EBPs, as well as their theoretical underpinnings. Strategies for communicating effectively and efficiently with parents, as well as the most current and/or special issues in the field will also be discussed. Issues related to post-secondary transition will also be examined.
Prerequisites: A cumulative GPA of 2.75 and SPE 201.

SST 300 Historical & Contemporary Issues in the Social Studies 3 Credits
This course is designed to provide education and non-education majors a comprehensive introduction to, and understanding of, social studies knowledge. This knowledge covers a broad array of academic disciplines, including American/World History, Government and Politics, Geography, Economics, and the various behavioral sciences. The course is aimed at engendering a theoretical grasp of the essential elements of these disciplines, as well as a practical understanding of how the content areas exist in both human society and contemporary policies/issues.

TEC 200 Google© Educator Level One Training 3 Credits
This course will provide the skills and knowledge for pre-service teachers in undergraduate education to successfully take the Google© Educator Level One Exam.

TEC 201 Internet Ethics 1 Credits
This course focuses on using the Internet to explore and reflect on current ethical issues involving technology. These include individual privacy, legal issues such as fair use and copyright laws, and social issues such as bullying and social networking. Students will explore these topics using a variety of search engines and will reflect on the information found in terms of its impact on society as well as its appropriate uses in personal life, education and business. Pass/fail.

TEC 202 Smartboard 1 Credits
This course is designed to provide an opportunity for students to become familiar with the features and applications of Smartboard, an interactive whiteboard that can be used in classrooms and professional presentations. Students will gain experience using the touch screen and in integrating the features of the program into learning and professional materials. Pass/fail.

TEC 203 Desktop Publishing and Web Page Design 1 Credits
This course provides students with the ability to use desktop publishing software to create materials suitable for use in classrooms, professional settings, and personal use, and with the ability to design web pages. The course is appropriate for anyone who will be involved in designing classroom and student publications and for those who will use web pages in their teaching or personal lives. Discussion will be held on how to use desktop publishing and web page design in elementary and secondary school settings. A project involving application of various desktop publishing and web page design techniques will be completed and demonstrated to the class. Pass/fail.

TEC 204 Electronic Spreadsheets and Classroom Management Software 1 Credits
Basic electronic spreadsheet concepts and applications are taught using a major spreadsheet program. Topics include writing basic formulas, copying formulas, playing "What If," customizing a worksheet, and printing a spreadsheet. Discussions will be held on how to integrate spreadsheets into elementary and secondary classes and activities. Pass/fail.

TEC 206 Teaching and Presenting with Technology 1 Credits
This course covers designing, planning, and using technology enhanced instruction and presentations. Group assignments will enable students to explore uses of technology to enhance instruction and presentations. Collaboration will be encouraged when discussing the efficient and effective use of technology. Three collaborative group reports will be submitted dealing with discussion questions and chapter topics. Appropriate web sites and programs will be visited. Students will design a final original application that could be used to create motivation and visual learning in a specific classroom or other professional setting related to their major areas of study. Emphasis will be given to technology integration strategies. A final oral presentation of individual projects will be given.

TEC 207 Social Media for Education 3 Credits
Social Media for Education will introduce students to the structure and culture of social media and how social networking applies to the educational environment. This three-credit course will foster a deep understanding of how social media in education can benefit students, teachers, administrators, staff, and stakeholders.

TEC 307 Concepts Instuct Media & Tech 3 Credits
Designed to provide the student with familiarity and appreciation of the role of educational technology in the workplace as it applies to students, teachers, administrators, and trainers. The student will explore the Internet, various educational multimedia, distance learning, virtual reality environments, learning theories, and integration models. Appropriate developmental/reflective strategies will be incorporated with instruction. Although multimedia microcomputers will be utilized throughout the course, prior microcomputer knowledge and experience is not a critical element. Multimedia expertise will be developed as the course progresses.

TEC 308 Digital Tools for Teaching 3 Credits
Designed to enable the student to develop instructional presentations utilizing the advantages of multimedia technology. Each student will be required to create a multimedia portfolio that contains information presentations, cumulative records, presenter notes, work samples, photo library, video animation, and audio narration. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail. Expertise will be developed as the course progresses.

TEC 309 Instruct Media/Technology Management 3 Credits
Designed to develop technology management skills that can be used for individual classrooms, training centers, subject area specializations, grade levels, school laboratories, curriculum integration, administrative functions, system networks, community services, communication systems and connecting linkages between educational/work environments and home. Various management strategies will be explored and each student will have an opportunity to design, via a multimedia microcomputer, an instructional technology system of their choice along with a management plan. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail.
Prerequisite(s): At least six semester hours of technology courses or modules.

TEC 404 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners.
Prerequisite: SPE 201 or SPE 300.

TEC 407 New Literacies for New Learning 3 Credits
As we consider the rapid expansion of information and text it is timely to take a critical view of what literacy means and how it is influencing children's literacy development and the work of educators. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid/online course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for children's literacy development as well our own work as educators.

TEC 490 Independent Research and Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

IND 210 Global Encounters 3 Credits
This course provides students with an exposure to foreign cultures consisting of both travel and study components. Destinations may include countries in Europe, Latin America, or Asia. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. A travel fee is required. No foreign language skills are required unless otherwise indicated.

Elementary Education with a Concentration in Multidisciplinary Studies

Program Overview

The elementary education program in the Department of Teacher Education prepares students for fulfilling teaching careers in America's diverse society. Rider was the first private New Jersey institution to hold the highest accreditation possible in teaching from the National Council for the Accreditation of Teacher Education (http://caepnet.org/) (NCATE/CAEP) and we offer graduates added value and recognition nationwide when seeking employment or admission to graduate study.

Curriculum Overview

As they begin their path to becoming effective and skilled elementary school teachers, students in Rider's elementary education program engage in studies that provide an academic background for those subjects they will be teaching.

The major in Elementary Education: Multidisciplinary Studies seeks to provide students with a broad-based liberal arts education in four areas: English, mathematics, science, and history. By combining these different areas of study, students will be able to develop a unique plan of study to achieve their personal and career goals. In addition to being qualified to teach all four areas in grades kindergarten through 6, students will also accumulate at least 15 credits in one of the four areas so that they will be highly qualified in the state of New Jersey to teach, additionally, in grades 6 through 8, that particular subject area upon passing the appropriate middle school subject matter Praxis. This course of study will enable students to expand their level of certification and thus be marketable to teach at either the elementary or middle school level.

In addition, elementary education majors may also elect to pursue an endorsement, minor, and/or certification in English as a second language/bilingual education, middle school, early childhood, or special education. Please see the Concentration Requirements tab on this page for further information on these programs.

Degree Offered

- B.A. in Elementary Education

Contact

Susan Dougherty, Ed.D.
Associate Professor and Chairperson
Department of Teacher Education
Bierenbaum Fisher Hall 102D
609-896-5162
sdougherty@rider.edu

Program Website: Elementary Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)
Associated Department: Department of Teacher Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)

Accreditation Information

National Council for the Accreditation of Teacher Education (NCATE/CAEP) (http://www.caepnet.org/)

Related Programs

- Secondary Education (http://catalog.rider.edu/archives/2020-2021/undergraduate/colleges-schools/education/majors-minors-certificates/secondary-education-ba/)

Elementary Education Major Requirements

Elementary education majors pursuing the Multidisciplinary Studies concentration may also elect to pursue the following endorsements, minors, and certifications:

- English as a second language/bilingual education
- middle school, early childhood, or special education

Please see the Concentration Requirements tab on this page for further information on these programs.

In addition to completing the Multidisciplinary Studies concentration requirements and any requirements for endorsements, minors, and certifications, all Rider University students are required to complet the Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) requirements.

Elementary Education General Studies Requirements

(61 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
Technology Elective		3
General Studies Electives (varies according to concentration)		18
Total Credits		**61**

Professional Education

(31 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 350	Early Adolescence	1

SPE 300	Inclusive Practices for General Education Teachers	3
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**31**

1

For proper course placement please visit this website (http://www.rider.edu/offices-services/orientation/course-placement/).

2

All students must show evidence of having taken and passed all section of the Core Academic Skills for Educators Test prior to being able to register for ALL Education Methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
MTH 151	Mathematics for Education Majors II [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal arts and science elective [2]		3
Liberal arts and science elective [2]		3
Liberal arts and science elective [2]		3
Science elective with lab section (BIO or PHY)		4
Total Credits		**31**

1

Or other approved Mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

Concentration Requirements

Undergraduate elementary education majors can elect to pursue the following endorsements, minors, and certifications:

- Elementary Education with a concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement (p. 208)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Middle School (p. 209)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education (p. 210)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education (p. 210)

Concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement

(123 credits minimum)

Elementary Education General Studies Requirements

(46 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
Technology Elective		3
General Studies Elective (LAS or EDU)		3
Total Credits		**46**

Professional Education

(31 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 350	Early Adolescence	1
SPE 300	Inclusive Practices for General Education Teachers	3
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**31**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
or ENG 336	Grammar and Style	
MTH 151	Mathematics for Education Majors II [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Science Elective with Lab (BIO or PHY)		4
Total Credits		**31**

1

Or other approved mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

ESL/Bilingual Endorsement

(15 credits minimum)

Code	Title	Credits
EDU 320	Introduction to Linguistics and Psycholinguistics	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
Multicultural Elective		3
Total Credits		**15**

Concentration in Multidisciplinary Studies with a minor in Middle School

(123 credits minimum)

Elementary Education General Studies Requirements

(56 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
Technology Elective		3
General Studies Electives (LAS or EDU)		13
Total Credits		**56**

Professional Education

(31 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 350	Early Adolescence	1
SPE 300	Inclusive Practices for General Education Teachers	3
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**31**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
or ENG 336	Grammar and Style	
MTH 151	Mathematics for Education Majors II [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Science Elective with Lab (BIO or PHY)		4
Total Credits		**31**

1

Or other approved mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

Minor in Middle School

(5 credits minimum)

Code	Title	Credits
ELD 355	Teaching in the Inclusive Middle School Classroom	1
ELD 360	Structure and Culture of Middle School Classroom	1
At least one of the following to coordinate with subject matter specialization:		3
ELD 380	Methods of Teaching Mathematics in the Middle School	
or ELD 385	Teaching Science in the Middle School	
or ELD 390	Teaching Social Studies in the Middle School	
or ELD 395	Literacy Learning in the Middle School	
Total Credits		**5**

Concentration in Multidisciplinary Studies with a minor in Early Childhood Education

(123 credits minimum))

Elementary Education General Studies Requirements

(49 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
Technology Elective		3
General Studies Electives		6
Total Credits		**49**

Professional Education

(31 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses, with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 350	Early Adolescence	1
SPE 300	Inclusive Practices for General Education Teachers	3
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**31**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
or ENG 336	Grammar and Style	
MTH 151	Mathematics for Education Majors II [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Liberal Arts and Science Elective [2]		3
Science Elective with Lab (BIO or PHY)		4
Total Credits		**31**

1

Or other approved mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

Minor in Early Childhood Education

(12 credits minimum)

Code	Title	Credits
ECE 200	Infant and Toddler Care and Education	3
ECE 332	Families, Community, and Diversity in Early Childhood Education	3
ECE 450	Developmental Methods and Assessment in Early Childhood Education	3
PSY 230	Child Development	3
Total Credits		**12**

Concentration in Multidisciplinary Studies with a minor in Special Education

(123 credits minimum)

Elementary Education General Studies Requirements

(43 credits minimum)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Fine Arts Elective		3
Foreign Language Elective [1]		3
History Elective		3
Literature Elective		3
Science Electives (one lab)		7
General Studies Elective (LAS or EDU)		3
Total Credits		**43**

Professional Education

(28 credits minimum)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 307	Emergent Literacy P-3	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms	3
ELD 308	Fostering Language and Literacy Development	3
ELD 376	Teaching Science, Social Studies and the Arts N-6	3
ELD 350	Early Adolescence	1
Education Elective		3
Capstone professional semester of student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**28**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Multidisciplinary Concentration

(31 credits minimum)

Code	Title	Credits
ENG 236	Applied Grammar & Syntax	3
or ENG 336	Grammar and Style	
MTH 150	Mathematics for Education Majors I [1]	3
MTH 152	Mathematics for Education Majors III [1]	3
English Literature Elective		3
History Elective		3
History Elective		3
Liberal Arts and Science Elective		3
Liberal Arts and Science Elective		3
Liberal Arts and Science Elective		3

Science Elective with lab (BIO or PHY)	4
Total Credits	**31**

1

Or other approved mathematics course.

2

These electives must be used to acquire a total of 15 credits in English, history, science or mathematics.

Minor in Special Education

(21 credits minimum)

Code	Title	Credits
PSY 212	Introduction to Applied Behavior Analysis	3
PSY 237	Cognitive Disabilities	3
SPE 201	Foundations in Special Education and Inclusive Practice	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
Total Credits		**21**

Academic Plans of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

- Elementary Education with a concentration in Multidisciplinary Studies (p. 212)
- Elementary Education with a concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement (p. 213)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Middle School (p. 214)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education (p. 215)
- Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education (p. 216)

Elementary Education with a Concentration in Multidisciplinary Studies

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology (Fine Arts Elective)	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III	3
English Literature Elective		3
History Elective		3
Science Elective with lab (BIO or PHY)		4
General Studies Elective [2]		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
ENG 236	Applied Grammar & Syntax	3
General Studies Elective [2]		3
History Elective		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
Liberal Arts and Science Elective [4]		3
Literature Elective		3
General Studies Elective [2]		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Spring Semester		
ELD 307	Emergent Literacy P-3 [5]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [5]	3
Education Elective		3
General Studies Elective [2]		3
Liberal arts and Science Elective [4]		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3

General Studies Elective [2]		3
General Studies Elective [2]		3
Liberal Arts and Science Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website. (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

5

ELD 375 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Elementary Education with a concentration in Multidisciplinary Studies with an ESL/Bilingual Endorsement

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
PSY 100	Introduction to Psychology	3
MTH 150	Mathematics for Education Majors I	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 152	Mathematics for Education Majors III	3
English Literature Elective		3
History Elective		3
Multicultural Elective		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
EDU 320	Introduction to Linguistics and Psycholinguistics	3
ENG 236	Applied Grammar & Syntax	3
Literature Elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
ELD 350	Early Adolescence	1
History Elective		3
Liberal Arts and Science Elective [3]		3
Science Elective with lab (BIO or PHY)		4
Technology Elective		1
	Semester Credit Hours	**15**
Spring Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [4]	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
Education Elective		3
Liberal Arts and Science Elective [3]		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [5]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [5]	3
EDU 420	Teaching a Second Language	3
General Studies Elective [6]		3
Liberal Arts and Science Elective [3]		3
	Semester Credit Hours	**15**

Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

1

For proper course placement please visit this website. (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

5

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

6

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students

Elementary Education with a concentration in Multidisciplinary Studies with a minor in Middle School

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III	3
English Literature Elective		3
History Elective		3
General Studies Elective [2]		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
ENG 236	Applied Grammar & Syntax	3
General Studies Elective [2]		3
History Elective		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
SPE 300	Inclusive Practices for General Education Teachers	3
General Studies Elective [2]		3
Liberal Arts and Science Elective [4]		3
Science Elective with lab (BIO or PHY)		4
Select one of the following:		3
ELD 380	Methods of Teaching Mathematics in the Middle School	
ELD 385	Teaching Science in the Middle School	
ELD 390	Teaching Social Studies in the Middle School	
ELD 395	Literacy Learning in the Middle School	
	Semester Credit Hours	**16**
Spring Semester		
ELD 307	Emergent Literacy P-3 [5]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [5]	3
ELD 355	Teaching in the Inclusive Middle School Classroom	1
Education Elective		3
General Studies Elective [2]		3
Liberal Arts and Science Elective [4]		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
ELD 360	Structure and Culture of Middle School Classroom	1
General Studies Elective [2]		1

Liberal Arts and Science Elective [4]		3
Literature Elective		3
Technology Elective		1
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

5

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Elementary Education with a concentration in Multidisciplinary Studies with a minor in Early Childhood Education

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
Technology Elective		1
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
PSY 230	Child Development	3
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III	3
English Literature Elective		3
History Elective		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 236	Applied Grammar & Syntax	3
Literature Elective		3
ECE 200	Infant and Toddler Care and Education	3
Technology Elective		1
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
ECE 332	Families, Community, and Diversity in Early Childhood Education	3
SPE 300	Inclusive Practices for General Education Teachers	3
History Elective		3
Liberal Arts and Science Elective [3]		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Spring Semester		
ELD 307	Emergent Literacy P-3 [4]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [4]	3
Education Elective		3
General Studies Elective [5]		3
Technology Elective		1
Liberal Arts and Science Elective [3]		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ECE 450	Developmental Methods and Assessment in Early Childhood Education	3
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
General Studies Elective [5]		3

Liberal arts and Science Elective [3]		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

4

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

5

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Elementary Education with a concentration in Multidisciplinary Studies with a minor in Special Education

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
Fine Arts Elective		3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
MTH 151	Mathematics for Education Majors II	3
Foreign Language Elective [1]		3
Science Elective (BIO or PHY)		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ELD 350	Early Adolescence	1
MTH 152	Mathematics for Education Majors III	3
SPE 201	Foundations in Special Education and Inclusive Practice	3
English Literature Elective		3
History Elective		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 236	Applied Grammar & Syntax	3
PSY 212	Introduction to Applied Behavior Analysis	3
History Elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
PSY 237	Cognitive Disabilities	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
Education Elective		3
General Studies Elective [3]		3
Liberal Arts and Science Elective [4]		3
Literature Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ELD 307	Emergent Literacy P-3 [5]	3
ELD 375	Methods of Teaching Mathematics in Elementary Classrooms [5]	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
Liberal Arts and Science Elective [4]		3
Science Elective with lab (BIO or PHY)		4
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
ELD 308	Fostering Language and Literacy Development [6]	3
ELD 376	Teaching Science, Social Studies and the Arts N-6 [6]	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3

Liberal Arts and Science Elective [4]		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Any course in the College of Arts & Sciences may be used as a General Studies Elective (GSE) provided the prerequisites have been met. A maximum of two Education courses (six credits) may be used. Courses required to fulfill a minor may be used as GSEs. Courses in the College of Business or the arts administration major/ minor in the School of Communication, Media and Performing Arts may not be used as GSEs.

4

Any course in the College of Arts & Sciences may be used as a liberal arts and science elective provided the prerequisites have been met.

5

ELD 307 and ELD 375 must be taken concurrently. Students must pass all sections of the Core Academic Skills for Educators Test (Test Code 5751) in order to register for these courses.

6

ELD 308 and ELD 376 must be taken concurrently in the semester preceding student teaching.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

ECE 200 Infant and Toddler Care and Education 3 Credits
Focuses on nutritional and psychological influences on infant and toddler growth and development, including current research in infant development; childbirth; breast feeding; infant stimulation; intellectual development; attachment behavior; and infants in group care. Recognizing that there is increased demand for infant/toddler care, it is increasingly important to assure that America's infants receive a safe, healthy, emotionally secure, and intellectually rich start in life. High quality care and education of very young children are based upon responsive and respectful relationships among all of the people in each child's life.

ECE 332 Families, Community, and Diversity in Early Childhood Education 3 Credits
This course addresses the role of parents of young children within the context of school, home and society, as well as the influence of culture, traditions and current issues in early childhood education. Students will explore the efficacy of parenting techniques and behaviors on child development in the early years, including cognitive growth, emotional and social well-being and physical health. Students will investigate strategies for fostering home-school partnerships that enhance child development and educational success, as well as the influence of community, culture and socio-economic status on families and schools throughout our world. In addition, this course addresses current issues and challenges in the early childhood profession including inclusion of children with special needs, advocacy for quality care and education for all young children, and any other subject that might arise - either from the lives of children and families, teachers' professional development, or community agencies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ECE 450 Developmental Methods and Assessment in Early Childhood Education 3 Credits
The focus of this course is developmentally appropriate and culturally responsive curriculum and teaching P-3 settings as delineated in the guidelines of the National Association for the Education of Young Children. Students will learn how to make curriculum and teaching decisions based on knowledge of child development, content area, curriculum content standards, and home and community cultures. In order to meet the ever-changing needs, interests, and growing strengths of individual children, careful observation and assessment provides teachers with information on which to base adjustments of teaching plans. This course will provide opportunities to deepen understanding of child development; gain an appreciation for the professional responsibility of ongoing assessment of children; and, develop the necessary skills to gather, record, and interpret information in a deliberate and reflective manner. Required: 6 hours per week field placement in a Preschool classroom. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

EDU 101 First Year and Transfer Education Seminar 1 Credits
First year/transfer seminar provides an engaging orientation to the undergraduate teacher education program at Rider University. During this course, students new to the Department of Teacher Education will explore their beliefs about teaching, learning and school. This focus will be broken into four areas of inquiry that include: (a) What knowledge is of "greatest worth" for educators? (b) What is the purpose of a policy and who gets to make the decisions? (c) What is a "safe" school? (d) What role do unions and professional communities play in the lives of educators and children?.

EDU 106 Contexts Of Schooling 3 Credits
Students in this field-based course will begin to examine aims, practices, and contemporary issues of schooling in their historical, sociological, philosophical, and futuristic contexts and from the perspectives of various multicultural constituencies-- students, parents, local community, wider economic community, government, and the profession. In doing so, they will begin to develop professional skills of observation, reflection, analysis, and argument. This course must be taken concurrently with EDU 206. A cumulative GPA of 2.75 is required.

EDU 206 Developmental Education Psychology 3 Credits
This field-based course focuses on: a) the cognitive, personality, social, creative, and moral development of children and adolescents; b) influential theories, concepts, and research findings of educational psychology; and c) the translation of psychological theory into classroom practices. This course must be taken concurrently with EDU 106. A cumulative GPA of 2.75 is required.

EDU 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester. A cumulative GPA of 2.75 is required. NOTE: This course is cross-listed with FLE 320. Students cannot get credit for both FLE 320 and EDU 320.

EDU 358 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

EDU 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. A cumulative GPA of 2.75 is required. *NOTE: This course is cross-listed as FLE 420. Students cannot get credit for both FLE 420 and EDU 420.
Prerequisite(s): EDU 106 with a minimum grade of C+ or EDU 106 with a minimum grade of TR and EDU 206 with a minimum grade of C+ or EDU 206 with a minimum grade of TR.

EDU 451 Special Topics in Education 1-6 Credits
Student teachers, graduate interns, Rider faculty, cooperating teachers, and building-level administrators will engage in collaborative study of a topic through reading, writing, discussion, observation, and reflection on their work in classrooms. Work in these seminars will help student teachers synthesize knowledge from their professional courses and all participants extend their understanding of a particular topic pertaining to teaching. Teacher research methods will be employed as participants analyze their own teaching through perspectives of the seminar topic. Topics will vary each semester. This course is dual-listed for undergraduate and graduate credit. Enrollment is limited to students concurrently enrolled in student teaching and to cooperating teachers and principals working with them.

EDU 460 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal, and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing, and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study. A cumulative GPA of 2.75 is required.

EDU 465 Student Teaching and Seminar 12 Credits
A full-time program for seniors providing practical teaching experience in an accredited elementary or secondary school. Under the direct supervision of the cooperating teacher, student teachers are responsible for the planning of lessons and for teaching in their areas of specialization and for developing a high level of teaching competency. Supervisors from Rider observe the student teachers at work, confer with the cooperating teachers and student teachers, and evaluate the growth of the student teachers throughout the internship period. Special topics are considered in seminars held in conjunction with student teaching. These topics include school health and substance abuse, school law, teacher certification and placement, classroom management, mainstreaming, professionalism, and other topics deemed appropriate by the faculty and student teachers.
Prerequisite(s): 1. Satisfactory completion of junior-level professional courses; 2. Cumulative GPA of at least 3.0 prior to commencing the semester in which student teaching is to be completed; 3. All professional education courses, with the exception of those taken concurrently with student teaching, must be completed with a grade of "C +" or better; 4. A candidate for student teaching must be approved by the education division and the coordinator of student teaching. There is an additional fee for Student Teaching.

EDU 477 International Student Teaching 3 Credits
This course provides an immersion opportunity for student teachers to learn about the different cultures and the education system of other countries while living and teaching abroad. Students will explore topics such as global awareness, international curriculum, global educational issues, and pedagogy to support diverse student needs. Through seminar discussion, research, observation, reflection and practical experience, students will develop and share their understanding of diversity in an international setting to increase global awareness, inclusive practice, and professional skills to develop a culturally responsive classroom. A fee is required for this course.
Prerequisites: 3.25 GPA, letter of recommendation, successful completion of required PRAXIS exams, interview, essay, and successful completion of local student teaching. POI required.

ELD 128 Developing Mathematical Ideas for Elementary School Teachers 1 Credits
Prospective teachers will examine the mathematics content and curriculum that is taught in grades K-6, focusing upon the multi-layered aspects of the topics that successful elementary teachers need to understand profoundly in order to provide appropriate instruction. There will be a series of topics selected from those that have historically been especially difficult for teachers to thoroughly understand at the depth needed to teach effectively. Some of the topics may vary each semester.

ELD 307 Emergent Literacy P-3 3 Credits
This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 308 Fostering Language and Literacy Development 3 Credits
Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206; ELD 307.

ELD 350 Early Adolescence 1 Credits
This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes.

ELD 355 Teaching in the Inclusive Middle School Classroom 1 Credits
This course will highlight the legal and ethical responsibilities of general education teachers in the middle school classroom. The special education process will be discussed and methods to address special needs in the classroom will be shared. Strategies to differentiate instruction and work collaboratively with school community members will help pre-service teachers develop and implement effective instruction that meets diverse needs in the middle school inclusive classroom.
Prerequisite(s): EDU 106 and EDU 206 and a cumulative GPA of 2.75 is required.

ELD 360 Structure and Culture of Middle School Classroom 1 Credits
This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 375 Methods of Teaching Mathematics in Elementary Classrooms 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206, MTH 102 or MTH 105 or MTH 150 or MTH 210.

ELD 376 Teaching Science, Social Studies and the Arts N-6 3 Credits
This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade six (based on NCSS, NSTA, and NAEA Standards). Emphasis is placed on an integrated approach to curriculum, with lesson and unit planning activities that incorporate hands-on-experiences, discovery learning and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of classroom instruction and the teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required.
Prerequisite(s): ELD 307 and ELD 375.

ELD 380 Methods of Teaching Mathematics in the Middle School 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. In keeping with the National Council of Teachers of Mathematics (NCTM) Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experience, use of technology, and traditional and non-traditional assessment. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 385 Teaching Science in the Middle School 3 Credits
This course focuses on the teaching of sciences that is developmentally appropriate for students in grades six through eight. In keeping with the National Science Education Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experiences, use of technology and traditional and non-traditional assessment strategies. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 390 Teaching Social Studies in the Middle School 3 Credits
This course focuses on the teaching of social studies that is developmentally appropriate for students in grades six through eight. Its focus will explore understanding of United States history, geography and civics from the perspective of the middle school. The course emphasizes the ten themes of social studies as developed by the National Council for the Social Studies. In addition to the facts, concepts and generalizations encompassed by the ten themes, the course works with academic, social, thinking and citizenship skills. The required, intensive field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 395 Literacy Learning in the Middle School 3 Credits
This course focuses on the teaching of literacy that is developmentally appropriate for students in grades six through eight. It explores processes in reading, writing, speaking, listening and viewing, relationships among the language arts and other subject areas, and the development of critical literacy and cognitive strategies. The intense field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 490 Independent Study: Research and Creative Expression 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hour's credit to be assigned is determined by the department.

SPE 201 Foundations in Special Education and Inclusive Practice 3 Credits
This course emphasizes the foundations of special education and introduces students to inclusive practice. Philosophical, historical, and legal foundations of special education and characteristics of students with disabilities will be examined. Students will learn the components of an Individualized Education Program (IEP), how to adapt learning environments and curricular materials, as well as how to select and implement modifications for students with disabilities. Inclusive educational practices including communication, coteaching, and collaborative partnerships will be addressed through case studies and fieldwork. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 is required.

SPE 202 Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities 3 Credits
This course is designed to examine the characteristics of individuals with Autism Spectrum Disorder (ASD) and strategies to support their academic, communication, and social/behavioral growth, including the use of assistive technology and positive behavioral supports. Methods and strategies for ASD and other low incidence disabilities will be explored. Through active participation in class and field sites, students will become aware of the various social issues related to family, education, transition, community resources and work experiences of individuals with these disabilities. Students will be required to complete a minimum of 30 weekday field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 210 Global Encounters 3 Credits
This course is an international learning experience focused on exploring educational opportunities in the United States and abroad. Students will study the history, policy and practice of special education in the United States and compare it with another country and culture first hand, through lectures, school visits and reflection. Current strategies and challenges of educators and families supporting individuals with disabilities will be examined. Through this cross-cultural experience, students will broaden perspectives and develop cultural awareness, knowledge, and understanding of diversity. This course is open to all students and disciplines. There are no prerequisites.

SPE 300 Inclusive Practices for General Education Teachers 3 Credits
This online course is designed to introduce preservice general education teachers students to special education and the inclusive classroom. Students will explore current issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours. Prereqisite(s): EDU 106 and EDU 206. A cumulative gpa of 2.75 is required.

SPE 303 Assessment and Instruction for Students with Disabilities 3 Credits
This course will emphasize the relationship between assessment and instructional design and implementation. Coursework includes the evaluation, selection, development, and adaptation of standardized, normreferenced, and functional assessments, such as a Functional Behavioral Assessment (FBA) and Ecological Assessment. Strategies to support literacy instruction for students with disabilities will be examined. Transition planning, program development, and agencies available to support students with disabilities and their families will be explored. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 304 Assessment and Instruction in the Inclusive Classroom 3 Credits
This course will emphasize assessment, planning, and instructional design to maximize the learning of all students, including those with exceptional learning needs, in the inclusive classroom. Students will have the opportunity to explore a variety of instructional strategies to meet the needs of diverse learners. Organization of learning environments and the collaborative process, including co-teaching models, will be utilized to design a long-term unit plan. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 305 Assessment and Instruction for Students with Autism Spectrum Disorders 3 Credits
Through this course, teacher candidates will learn both theories related to teaching students with Autism Spectrum Disorder (ASD) as well as best practices in the classroom related to academic instruction, as well as emotional, behavioral, and communicative interventions. This course also includes a field component, in which teacher candidates are expected to complete 10 hours of observation in a classroom with students with ASD. The course begins by examining the characteristics of the disability, causes, early warning signs, diagnostic procedures, and early intervention practices. Specific practices related to instruction and intervention as well as how to best structure a classroom for students will be examined. Teacher candidates will receive instruction in a variety of strategies and practices, even those that do not yet qualify as EBPs, as well as their theoretical underpinnings. Strategies for communicating effectively and efficiently with parents, as well as the most current and/or special issues in the field will also be discussed. Issues related to post-secondary transition will also be examined.
Prerequisites: A cumulative GPA of 2.75 and SPE 201.

Secondary Education

Program Overview

Since 1913, Rider University's College of Education and Human Services has made a difference in the lives of future teachers with its commitment to excellence. The College of Education and Human Services (CEHS) keeps its programs relevant to the changing needs of students, the professional communities it serves, and society.

The College of Education and Human Services prepares students to be effective educators. CEHS is accredited by the Council for the Accreditation of Education Preparation (CAEP) (http://caepnet.org/), the highest accreditation possible in teacher education and we offer graduates added value and recognition nationwide when seeking employment or admission to graduate study.

Preparation to teach a particular academic subject is accomplished through a program requiring completion of the major requirements of the appropriate liberal arts or science major, general studies, and professional education major requirements.

Curriculum Overview

Areas of study for secondary education at Rider are English education, foreign language education: Spanish, history education, mathematics education, and science education (biochemistry, biology, chemistry, earth sciences, environmental sciences, geology, marine sciences).

In addition, secondary education majors can elect to pursue the following minors, certifications and endorsements: English as a second language; bilingual education; or interdisciplinary minor in special education.

Degree Offered

- B.A. in Secondary Education

Contact

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Program Website: Secondary Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)
Associated Department: Teacher Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/undergraduate-teacher-education/)

Accreditation: Council for the Accreditation of Education Preparation (CAEP) (http://caepnet.org/)

Related Programs

- Elementary Education (p. 155)

Secondary Education Major Requirements

Preparation to teach a particular academic subject in secondary education is accomplished through a program requiring completion of the major requirements of the appropriate liberal arts or science major, general studies and professional education major requirements. In addition to completing these requirements, all Rider University students are required to complete the Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) requirements.

Second major/options include:

- English Education (p. 55)
- Foreign Language Education: Spanish (p. 55)
- History Education (p. 56)
- Mathematics Education (p. 56)
- Science Education: (Biochemistry (p. 57), Biology (p. 57), Chemistry, (p. 58) Earth Sciences (p. 58), Environmental Sciences, (p. 59) or Marine Sciences (p. 60))

English Education Major Requirements

General Studies and Academic Major
(99 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Science elective		3
Theatre elective		3
Philosophy elective		3
Journalism or Media elective		3
History elective		3
Social Science elective		3
Technology elective(s)		3
Foundations of Language Elective		3
World Literature elective		3

Foreign Language elective [1]	3
General Studies electives	9
Total Credits	**60**

English Major Requirements
(39 credits)

See the requirements for the English major listed in the College of Arts and Sciences (p. 227) section.

Professional Education Courses
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences [2]		
SED 370	Teaching in the High School	3
ELD 395	Literacy Learning in the Middle School	3
SED 400	Teaching English Language Arts in the Secondary School	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (http://www.rider.edu/offices-services/orientation/course-placement/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis ore Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Foreign Language Education (Spanish) Major Requirements

General Studies and Academic Major
(96-99 credits minimum)[1]

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric [2]	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
MTH 150	Mathematics for Education Majors I [2]	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Anthropology elective		3
Fine Arts elective		3
History elective		3
Philosophy elective		3
Technology elective		3
Science elective		3
General Studies electives		0-12
Basic Foreign Language courses [3]		0-12
Total Credits		**39-63**

Spanish Major Requirements
(30 semester hours beyond the Spanish 200 level courses and 12 semester hours in collateral liberal arts courses.) See the requirements for the Spanish major listed in the College of Arts and Sciences section (p. 527). (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/spanish/)

Professional Education Courses
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [4]		
EDU 320	Introduction to Linguistics and Psycholinguistics	3
SED 370	Teaching in the High School	3
EDU 420	Teaching a Second Language	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [5]	12
Total Credits		**27**

1

Study Abroad may substitute for some of these courses.

2

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

3

Students with advanced standing in Spanish take liberal arts electives.

4

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

History Education Major Requirements

General Studies and Academic Major
(60-63 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
POL 100	U.S. Politics in Crisis	3
PSY 100	Introduction to Psychology	3
SOC 101	Sociological Imagination	3
ECO 200	Principles of Macroeconomics	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Anthropology elective		3
World History		6
Science Elective		3
Philosophy elective		3
Technology elective		3
Fine Arts elective		3
Foreign Language elective [1]		3
General Studies electives		3
Total Credits		**57**

History Major Requirements
(36-39 credits)

See the requirements for the History major listed in the College of Arts and Sciences section (p. 323).

Professional Education Requirements
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 390	Teaching Social Studies in the Middle School	3
SED 370	Teaching in the High School	3
SED 405	Teaching Social Studies in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Mathematics Education Requirements

General Studies and Academic Major
(96-99 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
History elective		3
Fine Arts elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Foreign Language elective [1]		3
General Studies electives		10
Total Credits		**49**

Mathematics Major Requirements
(50 credits)

See the requirements for the Mathematics major listed in the College of Arts and Sciences section (p. 399).

Professional Education Requirements
(27 credits)

Code	Title	Credits
Methodology, curriculum, and instruction courses with associated field experiences: [2]		
ELD 380	Methods of Teaching Mathematics in the Middle School	3
SED 370	Teaching in the High School	3
SED 415	Teaching Mathematics in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments Test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Biochemistry) Major Requirements

General Studies and Academic Major
(136 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
Fine Arts elective		3
Foreign language elective [1]		3
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Total Credits		**39**

Biochemistry Major Requirements
(70 credits minimum)

See the requirements for the Biochemistry major listed in the College of Arts and Sciences section (p. 79).

Professional Education
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Biology) Major Requirements

General Studies and Academic Major
(99-101 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
Fine Arts elective		3
Foreign Language elective [1]		3
General Studies Electives		11
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Total Credits		**50**

Biology Major Requirements
(49-51 credits)

See the requirements for the Biology major listed in the College of Arts and Sciences section (p. 83).

Professional Education
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3

SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Chemistry) Major Requirements

General Studies and Academic Major
(102 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
Fine Arts elective		3
Foreign Language elective [1]		3
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
General Studies electives		8
Total Credits		**47**

Chemistry Major Requirements
(52 credits)

See the requirements for the Chemistry (B.A.) major listed in College of Arts and Sciences section (p. 104).

Professional Education
(27 credits)

Code	Title	Credits
Methodology curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Earth Sciences) Major Requirements

General Studies and Academic Major
(102 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
MTH 105	Algebra and Trigonometry [1]	4
or MTH 210	Calculus I	
Fine Arts elective		3
Foreign Language elective [1]		3
General Studies electives		5
History elective		3
Literature elective		3
Philosophy elective		3
Social Science elective		3
Technology elective		3
Total Credits		**48**

Earth Sciences Major Requirements
(51-54 credits)

See the requirements for the Earth Sciences major listed in the College of Arts and Sciences section (p. 198).

Professional Education
(27credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL Education Methods Courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Environmental Sciences) Major Requirements

General Studies and Academic Major
(107-108 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
MTH 105	Algebra and Trigonometry	4
or MTH 210	Calculus I	
Fine Arts elective		3
Foreign Language elective [1]		3
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Total Credits		**43**

Environmental Sciences Major Requirements
(64-65 credits)

See the requirements for the Environmental Sciences major listed in the College of Arts and Sciences section (p. 246).

Professional Education
(27credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Science Education (Marine Sciences) Major Requirements

General Studies and Academic Major
(108-109 credits)

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	3
or BHP 150	Honors Seminar: Great Ideas II	
PSY 100	Introduction to Psychology	3
COM 104	Speech Communication	3

MTH 105	Algebra and Trigonometry	4
or MTH 210	Calculus I	
EDU 106	Contexts Of Schooling	3
EDU 206	Developmental Education Psychology	3
Social Science elective		3
Fine Arts elective		3
Foreign Language elective [1]		3
History elective		3
Literature elective		3
Philosophy elective		3
Technology elective		3
Total Credits		**43**

Marine Science Major Requirements
(65-66 credits)

See the requirements for the Marine Sciences major listed in the College of Arts and Sciences section (p. 380). (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/marine-sciences/)

Professional Education
(27 credits)

Code	Title	Credits
Methodology, curriculum and instruction courses with associated field experiences: [2]		
ELD 385	Teaching Science in the Middle School	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
SED 431	Content Area Reading and Writing	3
SPE 300	Inclusive Practices for General Education Teachers	3
Capstone professional semester of full-time student teaching:		
EDU 465	Student Teaching and Seminar [3]	12
Total Credits		**27**

1

For proper course placement please visit this website (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/).

2

ALL students must show evidence of having taken and passed all sections of the Praxis Core Academic Skills For Educators Test prior to being able to register for ALL education methods courses.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Secondary Education Minor Requirements

Undergraduate secondary education majors can elect to pursue the following minors, certifications and endorsements:

- Bilingual Education (p. 60)
- English as a Second Language (ESL) (p. 60)
- Secondary Education and Interdisciplinary Minor in Special Education (p. 61)

Bilingual Education

Certification in bilingual education is available to secondary education majors in the areas of Math, Science, Social Studies and English who upon completion of the program have demonstrated competence in both English and another language. Candidates for this certification will complete:

Code	Title	Credits
Multicultural Studies elective		3
EDU 320	Introduction to Linguistics and Psycholinguistics	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
Bilingual field experiences are required.		
Language proficiency evaluations are required.		

For information regarding this program please contact:

Maria Villalobos-Buehner, Ph.D.
Associate Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

English as a Second Language

Certification in English as a second language (ESL) is available to elementary and secondary education majors. It may be achieved by an additional 3-6 semester hours by majors in English or foreign language (French or Spanish). All candidates for this certification will complete:

Code	Title	Credits
Multicultural Studies elective		3
EDU 320	Introduction to Linguistics and Psycholinguistics	3
EDU 358	Literacy and the Bilingual/Bicultural Child	3
EDU 420	Teaching a Second Language	3
EDU 460	Educating and Evaluating the Bilingual Child	3
English as a Second Language field experiences are required.		
English proficiency evaluations are required.		

For information regarding this program please contact:

Maria Villalobos-Buehner, Ph.D.
Associate Professor
Fine Arts 354
609-895-5596
mvillalobos@rider.edu

Secondary Education and Interdisciplinary Minor in Special Education

The secondary education interdisciplinary minor in special education curriculum is an additional option for students majoring in secondary

education and a content area who wish to effectively work with students with disabilities, particularly in inclusive settings. This program includes the courses required by the New Jersey Department of Education for a Teacher of Students with Disabilities licensure endorsement. The following courses are required for this program:

Code	Title	Credits
SPE 201	Foundations in Special Education and Inclusive Practice	3
SPE 202	Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities	3
SPE 303	Assessment and Instruction for Students with Disabilities	3
SPE 304	Assessment and Instruction in the Inclusive Classroom	3
PSY 212	Introduction to Applied Behavior Analysis	3
PSY 237	Cognitive Disabilities	3
TEC 404	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3

For information regarding this program please contact:

Diane Casale-Giannola, Ed.D.
Professor
Bierenbaum Fisher Hall 102E
609-896-5078
dgiannola@rider.edu

Academic Plans of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

- Secondary Education / Biochemistry (p. 61)
- Secondary Education / Biology (p. 62)
- Secondary Education / Chemistry (p. 63)
- Secondary Education / Earth Sciences (p. 64)
- Secondary Education / English Literature (p. 65)
- Secondary Education / English Writing (p. 66)
- Secondary Education / Environmental Sciences (p. 67)
- Secondary Education / Geology (p. 68)
- Secondary Education / History (p. 69)
- Secondary Education / Marine Sciences (p. 70)
- Secondary Education / Mathematics (p. 71)
- Secondary Education / Spanish (p. 72)

Academic Plan for Secondary Education / Biochemistry

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
Technology Elective		2
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
COM 104	Speech Communication	3
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 & 265L	Genetics and Genetics Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
Technology Elective		1
History Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
BCH 325	Biochemistry	3
BCH 326	Biochem and Enzymology I Lab	1
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
PHY 200 & 200L	General Physics I and General Physics I Lab	4
SPE 300	Inclusive Practices for General Education Teachers [3]	3

Social Science Elective		3
	Semester Credit Hours	**18**
Spring Semester		
BCH 330	Biochemistry II	3
BCH 331	Biochemistry II Lab	1
ELD 385	Teaching Science in the Middle School [4]	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
SED 431	Content Area Reading and Writing	3
Literature Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BCH 490	Independent Study: Research and Creative Expression	1-4
CHE 305	Physical Chemistry I	3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools [5]	3
Advanced Elective Course [6]		1-4
Advanced Elective Course [6]		1-4
Fine Arts Elective		3
Philosophy Course		3
	Semester Credit Hours	**18-27**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**132-141**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

ELD 385 is offered in spring semester only.

5

SED 410 is offered in fall semester only.

6

Five or more credits of upper level courses required. At least two of the five credits must be connected to laboratory courses.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465 (http://catalog.rider.edu/search/?P=EDU%20465). In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring)

Academic Plan for Secondary Education / Biology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 105	Algebra and Trigonometry [1]	4
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 210 or BNS 250	Calculus I or Biostatistics	4
Technology Elective		3
	Semester Credit Hours	**18**
Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
PSY 100	Introduction to Psychology	3
Foreign Language Elective [1]		3
Philosophy Elective		3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 & 265L	Genetics and Genetics Lab	4

CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
COM 104	Speech Communication	3
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
BIO 265 or higher	BIO/BNS Course & Lab	4
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Literature Elective		3
History Elective		3
SPE 300	Inclusive Practices for General Education Teachers [3]	3
	Semester Credit Hours	**17**
Spring Semester		
BIO 265 or higher	BIO/BNS Course & Lab	4
PHY 101	Principles of Physics II	3
PHY 101L	Principles of Physics II Lab	1
ELD 385	Teaching Science in the Middle School [4]	3
SED 431	Content Area Reading and Writing	3
Social Science Elective		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BIO 265 or higher	BIO/BNS Course & Lab	4
BIO 400	Seminar in Cellular and Molecular Biology	3
Fine Arts Elective		3
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools [5]	3
	Semester Credit Hours	**16**
Spring Semester		
EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**129**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

ELD 385 is offered in spring semester only.

5

SED 410 is offered in fall semester only.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Chemistry

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
Foreign Language Elective [1]		3
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
COM 104	Speech Communication	3
MTH 212	Calculus III	4
PHY 200 & 200L	General Physics I and General Physics I Lab	4
History Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
Fine Arts Elective		3
	Semester Credit Hours	**17**

Year 3		
Fall Semester		
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
CHE 305	Physical Chemistry I	3
Literature Elective		3
SPE 300	Inclusive Practices for General Education Teachers [3]	3
Social Science Elective		3
	Semester Credit Hours	**16**
Spring Semester		
CHE 325	Physical Chemistry Laboratory	1
CHE 330	Instrumental Analysis Laboratory	2
ELD 385	Teaching Science in the Middle School [4]	3
SED 431	Content Area Reading and Writing	3
General Studies Elective		3
General Studies Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
BCH 325	Biochemistry	3
CHE 315	Inorganic Chemistry	3
CHE 316	Inorganic Chemistry Laboratory	1
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools [5]	3
Advanced Elective Course		3
Advanced Lab Course [6]		1-2
Advanced Lab Course [6]		1-2
	Semester Credit Hours	**18-20**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**130-132**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

ELD 385 is offered in spring semester only.

5

SED 410 is offered in fall semester only.

6

Advanced Laboratory course: a total of four lab credits required.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Earth Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
PHY 180	Astronomy	3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**17**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
COM 104	Speech Communication	3
ENV 220 or BIO 116/ BIO 116L	Weather and Climate Change or Principles of Biology II	3-4
Foreign Language Elective [1]		3
	Semester Credit Hours	**16-17**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
History Elective		3
Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3

ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab (or another requirement for Foundational courses or Concentration requirements)	4
One Major Concentration Requirement or Elective [2]		3-4
Philosophy Elective		3
	Semester Credit Hours	**16-17**
Year 3		
Fall Semester		
ENV 340	Environmental Field Methods and Data Analysis (or other Major Concentration Requirement or Elective)	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
Social Science Elective		3
One Major Concentration Requirement or Elective [2]		4
	Semester Credit Hours	**16**
Spring Semester		
ELD 385	Teaching Science in the Middle School	3
SED 431	Content Area Reading and Writing	3
General Studies Elective		3
Two Major Concentration Reqirements or Electives [2]		6-8
	Semester Credit Hours	**15-17**
Summer Semester		
MAR 380 or MAR 300	The Learning and Teaching of Marine Science (or approved Geology Field Course from another institution) or Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
General Studies Elective		2
Two Major Concentration Requirements or Elective [2]		6-8
	Semester Credit Hours	**14-16**
Spring Semester		
EDU 465	Student Teaching and Seminar [4]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**127-133**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

Courses selected should be made with approval from Earth Sciences academic advisor.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Subject Assessments test: Elementary Education Multiple Subjects test (Test Code 5001) six months prior to Student Teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / English Literature

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
Foreign Language Elective [1]		3
Journalism/Media Elective		3
Science Elective		3
Social Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Technology Elective		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 251	Literary History II	3
SPE 300	Inclusive Practices for General Education Teachers	3
Fine Arts Elective		3
General Studies Elective		3
Philosophy Elective		3

World Literature Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level (Genre/Theoretical/Sub-Genre Category)		3
Foundations of Language Elective		3
Theater Elective		3
	Semester Credit Hours	**15**
Spring Semester		
SED 370	Teaching in the High School	3
SED 400	Teaching English Language Arts in the Secondary School	3
ENG 300 Level (Genre/Theoretical/Sub-Genre Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
ENG 300 Level Course (Lang & Ling/Historical Survey Category)		3
General Studies Elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
ELD 395	Literacy Learning in the Middle School	3
SED 431	Content Area Reading and Writing	3
ENG 300 or 400 Level Course (Any Category)		3
ENG 300 or 400 Level Course (Any Category)		3
ENG 400 Level Course (Any Category)		
ENG 400 Level (Seminar II Category)		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [3]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / English Writing

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
History Elective		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
ENG 206	Introduction to Creative Writing	3
Foreign Language Elective [1]		3
General Studies Elective		3
Science Elective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Journalism/Media Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ENG 251	Literary History II	3
SPE 300	Inclusive Practices for General Education Teachers	3
ENG 300 Level Writing/Genre Course		3
Fine Arts Elective		3
World Literature Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
ENG 300 Level Literature Course		3
ENG 300 Level Writing/Genre Course		3

ENG 300 Level Writing/Genre Course		3
Foundations of Language Elective		3
Social Science Elective		3
Theatre Elective		3
	Semester Credit Hours	**18**
Spring Semester		
SED 370	Teaching in the High School	3
SED 400	Teaching English Language Arts in the Secondary School	3
ENG 300 Literature Course		3
ENG 300 Level Writing/Genre Course		3
ENG 300 Level Writing Course		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ELD 395	Literacy Learning in the Middle School	3
SED 431	Content Area Reading and Writing	3
ENG 300 Level Writing Course		3
General Studies Elective		3
ENG 400 Level Writing Course		
	Semester Credit Hours	**12**
Spring Semester		
EDU 465	Student Teaching and Seminar [3]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**123**

[1]

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

[2]

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

[4]

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Environmental Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
Foreign Language [1]		3
History Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
GEO 350 & 350L or GEO 407 ***and*** GEO 407L	Soil and Surficial Processes or Hydrology and Water Resources ***and*** Hydrology and Water Resources Lab	4
Environmental Science or Policy & Humanities Elective		3-4
	Semester Credit Hours	**17-18**
Year 3		
Fall Semester		
BIO 350 & 350L	General Ecology and General Ecology Lab	4
ENV 205	Introduction to Geographic Information Systems	3
PHY 100	Principles of Physics I	3

PHY 100L	Principles of Physics I Lab	1
SPE 300	Inclusive Practices for General Education Teachers	3
Philosophy Elective		3
	Semester Credit Hours	**17**
Spring Semester		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	4
ELD 385	Teaching Science in the Middle School	3
SED 431	Content Area Reading and Writing	3
Environmental Science or Policy & Humanities Elective		3-4
Technology Elective		3
	Semester Credit Hours	**16-17**
Year 4		
Fall Semester		
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools	3
Environmental Science or Policy & Humanities Elective		3-4
Fine Arts Elective		3
Literature Elective		3
Social Science Elective		3
	Semester Credit Hours	**18-19**
Spring Semester		
EDU 465	Student Teaching and Seminar [3]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**130-133**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Geology

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
Foreign Language [1]		3
	Semester Credit Hours	**17**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
History Elective		3
Philosophy Elective		3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab (Select one of the following:)	4
Technology Elective		1
Fine Arts Elective		3
	Semester Credit Hours	**16**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology	3
Select one of the following:		3-4
ENV 220	Weather and Climate Change	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
Social Science Elective		3
	Semester Credit Hours	**16-17**
Year 3		
Fall Semester		
ENV 205	Introduction to Geographic Information Systems	3
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Select one of the following:		3
MAR 340	Marine Processes and Environments: Seminar	

GEO 168	Mesozoic Ruling Reptiles	
SPE 300	Inclusive Practices for General Education Teachers [3]	3
Major Elective [4]		3
Technology Elective		2
	Semester Credit Hours	**18**
Spring Semester		
ELD 385	Teaching Science in the Middle School [5]	3
Select two of the following:		8
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
SED 431	Content Area Reading and Writing	3
	Semester Credit Hours	**14**
Summer Semester		
Approved Geology Field Camp (not offered at Rider)		3
	Semester Credit Hours	**3**
Year 4		
Fall Semester		
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	4
SED 370	Teaching in the High School [6]	3
SED 410	Teaching Science in Secondary Schools [7]	3
Literature Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 465	Student Teaching and Seminar [8]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**129-130**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

Must take one major elective: ENV 220, ENV 375, GEO 168, MAR 340.

5

ELD 385 offered spring semester only.

6

SED 370 offered fall semester only.

7

SED 410 offered fall semester only.

8

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / History

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
HIS 160	Seminar in History	3
Foreign Language Elective [1]		3
MTH 150	Mathematics for Education Majors I	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
HIS 151	World History Since 1500	3
HIS 180 or HIS 181	U.S. History I or U.S. History II	3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
HIS 190 or HIS 191	Europe to 1715 or Europe Since 1715	3
Upper Level History Elective (HIS 200-399) [2]		3
SOC 101	Sociological Imagination	3
Fine Arts Elective		3
Science Elective		3
Technology Elective		3
	Semester Credit Hours	**18**
Spring Semester		
EDU 106	Contexts Of Schooling [3]	3
EDU 206	Developmental Education Psychology [3]	3
POL 100	U.S. Politics in Crisis	3
General Studies Elective		3
Upper level History Elective (HIS 200-399) [2]		3

Upper level History Elective (HIS 200-399) [2]		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
Two Upper level History Electives (HIS 200-399) [2]		6
HIS 260	Craft of History	3
ECO 200	Principles of Macroeconomics	3
SOC 110 or SOC 311	Cultural Anthropology or Social and Cultural Change	3
SPE 300	Inclusive Practices for General Education Teachers [4]	3
	Semester Credit Hours	**18**
Spring Semester		
ELD 390	Teaching Social Studies in the Middle School	3
SED 431	Content Area Reading and Writing	3
Philosophy Elective		3
Two Upper Level History Electives (HIS 200-399) or		6
HIS 491	Internship in History	
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
SED 370	Teaching in the High School	3
SED 405	Teaching Social Studies in Secondary Schools	3
HIS 460 or HIS 490	Research Seminar or Independent Study: Research and Creative Expression	3
Upper Level History Elective (HIS 200-399) [2]		3
Literature Elective		3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

Program must include at least two courses at the 200 level and at least two at the 300 level. At least two courses must be Diversity courses.

3

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

4

Special Education minors should replace this course with a General Studies Elective.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Marine Sciences

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Foreign Language Elective [1]		3
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
Fine Arts Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
History Elective		3

Literature Elective		3
Technology Elective		1
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
SPE 300	Inclusive Practices for General Education Teachers [3]	3
Major Elective [4]		3-4
Social Science Elective		3
	Semester Credit Hours	**17-18**
Spring Semester		
ELD 385	Teaching Science in the Middle School [5]	3
SED 431	Content Area Reading and Writing	3
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	4
MAR 410	Physical Oceanography	3
PHY 101	Principles of Physics II	3
PHY 101L	Principles of Physics II Lab	1
	Semester Credit Hours	**17**
Summer Semester		
MAR 300	Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
MAR 340	Marine Processes and Environments: Seminar	3
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	4
SED 370	Teaching in the High School	3
SED 410	Teaching Science in Secondary Schools [6]	3
Major Elective [4]		4
Technology Elective		1
	Semester Credit Hours	**18**
Spring Semester		
EDU 465	Student Teaching and Seminar [7]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**134-135**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

Major Electives: BIO 372, ENV 205, MAR 210, MAR 325, MAR 360.

5

ELD 385 offered spring semester only.

6

SED 410 offered fall semester only.

7

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Mathematics

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
Foreign Language Elective [1]		3
MTH 210	Calculus I [1]	4
History Elective		3
	Semester Credit Hours	**16**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
PSY 100	Introduction to Psychology	3
Social Science Elective		3
Fine Arts Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 212	Calculus III	4
MTH 240	Linear Algebra	3
Literature Elective		3
PHY 200 & 200L	General Physics I and General Physics I Lab	4
Technology Elective		3
	Semester Credit Hours	**17**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3
MTH 250	Differential Equations	3

MTH 315	Modern Geometry	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MTH 308	Advanced Calculus	3
MTH 340	Probability & Statistical Analysis I	3
SPE 300	Inclusive Practices for General Education Teachers [3]	3
General Studies Elective		3
General Studies Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**
Spring Semester		
ELD 380	Methods of Teaching Mathematics in the Middle School	3
MTH 410	Complex Analysis	3
SED 431	Content Area Reading and Writing	3
Upper Level Math Elective [5]		3
General Studies Elective		3
General Studies Elective		1
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
MTH 401	Modern Algebra	3
Upper Level Math Elective [4]		3
Upper Level Math Elective [4]		3
SED 370	Teaching in the High School	3
SED 415	Teaching Mathematics in Secondary Schools	3
	Semester Credit Hours	**15**
Spring Semester		
EDU 465	Student Teaching and Seminar [5]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

Upper level math electives include: MTH 402, MTH 420, MTH 430 and MTH 440. MTH 402 may, with the permission of the department, be taken more than once for credit. MTH 490, Independent Study and Research, may also be used to satisfy this requirement.

5

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Academic Plan for Secondary Education / Spanish

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
COM 104	Speech Communication	3
MTH 150	Mathematics for Education Majors I	3
PSY 100	Introduction to Psychology	3
SPA 200	Spanish III [1]	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
SPA 201	Spanish IV	3
SPA 310 or SPA 311 or SPA 312	Spanish Culture & Civilization or Latin American Cultures or Latinx Cultures	3
History Elective		3
Science Elective (bio/phy)		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOC 110	Cultural Anthropology	3
SPA 300 or SPA 302	Advanced Grammar & Composition or Writing and Translating	3
SPA 320	Introduction to Spanish Literature	3
Fine Arts Elective		3
Select one of the following:		3
CHI 100	Chinese I	
FRE 100	French I	
GER 100	German I	
ITA 100	Italian I	
	Semester Credit Hours	**15**
Spring Semester		
EDU 106	Contexts Of Schooling [2]	3
EDU 206	Developmental Education Psychology [2]	3

SPA 301	Spanish for Business	3
or SPA 303	or Advanced Communication and Popular Cultures	
SPA 325	Introduction to Latin-American/Latino Literature	3
Select one of the following:		3
CHI 101	Chinese II	
FRE 101	French II	
GER 101	German II	
ITA 101	Italian II	
General Studies Elective		3
	Semester Credit Hours	**18**

Year 3

Fall Semester

LIT 250	Masterworks of Western Literature I	3
Select one of the following:		3
CHI 200	Chinese III	
FRE 200	French III	
GER 200	German III	
ITA 200	Italian III	
SPA 312	Latinx Cultures	3
or SPA 420	or From Colonies to Nations	
SPE 300	Inclusive Practices for General Education Teachers [3]	3
General Studies Elective		3
Technology Elective		3
	Semester Credit Hours	**18**

Spring Semester

EDU 320	Introduction to Linguistics and Psycholinguistics [4]	3
LIT 251	Masterworks of Western Literature II	3
SED 431	Content Area Reading and Writing	3
SPA 305	Cervantes	3
or SPA 403	or Medieval Literature	
or SPA 415	or Spanish Renaissance	
or SPA 416	or The Spanish Golden Age	
SPA 426	Latin American/Latino Film and Fiction	3
	Semester Credit Hours	**15**

Year 4

Fall Semester

SED 370	Teaching in the High School	3
EDU 420	Teaching a Second Language [5]	3
SPA 410	Modern Hispanic Poetry	3
or SPA 411	or Modern Spanish Novel	
or SPA 412	or Theater and Film of the Hispanic World	
or SPA 413	or The Hispanic Short Story: Transatlantic Connections	
SPA 490	Independent Study: Research and Creative Expression	3
General Studies Elective		3
Philosophy Elective		3
	Semester Credit Hours	**18**

Spring Semester

EDU 465	Student Teaching and Seminar [6]	12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**126**

1

For proper course placement please visit this website (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/). (http://www.rider.edu/offices-services/orientation/course-placement/)

2

EDU 106 and EDU 206 must be taken concurrently in either the fall or spring of the second year.

3

Special Education minors should replace this course with a General Studies Elective.

4

EDU 320 offered spring semester only.

5

EDU 420 offered fall semester only.

6

Students must have a "C+" or higher in all education courses and a minimum cumulative GPA of 3.0 before enrolling in EDU 465. In addition, students must present evidence of a passing score on the Praxis Content Knowledge for Teaching Assessments test for their specific subject area six months prior to student teaching (by March 1 for those students applying for student teaching in the fall semester and July 1 for those students applying for student teaching in the spring).

Courses and Descriptions

BED 410 Prin/Strat Voc & Coop Ed 3 Credits
Designed as one of the specialized courses in the preparation of business and marketing education teachers and teacher-coordinators of cooperative work experience programs. The philosophy and history of education for and about work, including technology, are studies along with the principles and strategies for organizing and administering vocational cooperative education programs. Developmental/reflective evaluative techniques will be applied for the assessment of self, students, instruction and selected case studies. Current instructional concepts, organizational and administrative strategies, legislative enactments, and regulations pertaining to the employment of youth are included. Special attention is given to the role of vocational student organizations and advisory committees. Open to all students. A cumulative GPA of 2.75 is required.

BED 415 Teaching Business Subjects 3 Credits
Instructional strategies in the teaching of business and marketing subjects are analyzed and demonstrated. Students are required to prepare lesson plans, teach demonstration lessons, develop a unit plan, and compile a resource file of teaching materials. Videotaping of demonstration lessons is integrated with the course work to encourage developing teaching competency through a series of instructional modules appropriate to the student's certification interests. A cumulative GPA of 2.75 is required.

BED 445 Work Experience Cooperative Program 3-6 Credits
A minimum of 300 hours in a supervised occupational experience or a supervised internship program in an approved work station or institution. The experience is coordinated and supervised by a qualified coordinator of occupational education. A series of activities are designed to relate job and intern experiences to the student's future role as an employee or a professional teacher. The student will be evaluated by the supervising employer and the University supervisor.

BED 490 Independent Research & Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

EDU 101 First Year and Transfer Education Seminar 1 Credits
First year/transfer seminar provides an engaging orientation to the undergraduate teacher education program at Rider University. During this course, students new to the Department of Teacher Education will explore their beliefs about teaching, learning and school. This focus will be broken into four areas of inquiry that include: (a) What knowledge is of "greatest worth" for educators? (b) What is the purpose of a policy and who gets to make the decisions? (c) What is a "safe" school? (d) What role do unions and professional communities play in the lives of educators and children?.

EDU 106 Contexts Of Schooling 3 Credits
Students in this field-based course will begin to examine aims, practices, and contemporary issues of schooling in their historical, sociological, philosophical, and futuristic contexts and from the perspectives of various multicultural constituencies-- students, parents, local community, wider economic community, government, and the profession. In doing so, they will begin to develop professional skills of observation, reflection, analysis, and argument. This course must be taken concurrently with EDU 206. A cumulative GPA of 2.75 is required.

EDU 206 Developmental Education Psychology 3 Credits
This field-based course focuses on: a) the cognitive, personality, social, creative, and moral development of children and adolescents; b) influential theories, concepts, and research findings of educational psychology; and c) the translation of psychological theory into classroom practices. This course must be taken concurrently with EDU 106. A cumulative GPA of 2.75 is required.

EDU 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester. A cumulative GPA of 2.75 is required. NOTE: This course is cross-listed with FLE 320. Students cannot get credit for both FLE 320 and EDU 320.

EDU 358 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

EDU 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. A cumulative GPA of 2.75 is required. *NOTE: This course is cross-listed as FLE 420. Students cannot get credit for both FLE 420 and EDU 420.
Prerequisite(s): EDU 106 with a minimum grade of C+ or EDU 106 with a minimum grade of TR and EDU 206 with a minimum grade of C+ or EDU 206 with a minimum grade of TR.

EDU 451 Special Topics in Education 1-6 Credits
Student teachers, graduate interns, Rider faculty, cooperating teachers, and building-level administrators will engage in collaborative study of a topic through reading, writing, discussion, observation, and reflection on their work in classrooms. Work in these seminars will help student teachers synthesize knowledge from their professional courses and all participants extend their understanding of a particular topic pertaining to teaching. Teacher research methods will be employed as participants analyze their own teaching through perspectives of the seminar topic. Topics will vary each semester. This course is dual-listed for undergraduate and graduate credit. Enrollment is limited to students concurrently enrolled in student teaching and to cooperating teachers and principals working with them.

EDU 460 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal, and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing, and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study. A cumulative GPA of 2.75 is required.

EDU 465 Student Teaching and Seminar 12 Credits
A full-time program for seniors providing practical teaching experience in an accredited elementary or secondary school. Under the direct supervision of the cooperating teacher, student teachers are responsible for the planning of lessons and for teaching in their areas of specialization and for developing a high level of teaching competency. Supervisors from Rider observe the student teachers at work, confer with the cooperating teachers and student teachers, and evaluate the growth of the student teachers throughout the internship period. Special topics are considered in seminars held in conjunction with student teaching. These topics include school health and substance abuse, school law, teacher certification and placement, classroom management, mainstreaming, professionalism, and other topics deemed appropriate by the faculty and student teachers.
Prerequisite(s): 1. Satisfactory completion of junior-level professional courses; 2. Cumulative GPA of at least 3.0 prior to commencing the semester in which student teaching is to be completed; 3. All professional education courses, with the exception of those taken concurrently with student teaching, must be completed with a grade of "C +" or better; 4. A candidate for student teaching must be approved by the education division and the coordinator of student teaching. There is an additional fee for Student Teaching.

EDU 477 International Student Teaching 3 Credits
This course provides an immersion opportunity for student teachers to learn about the different cultures and the education system of other countries while living and teaching abroad. Students will explore topics such as global awareness, international curriculum, global educational issues, and pedagogy to support diverse student needs. Through seminar discussion, research, observation, reflection and practical experience, students will develop and share their understanding of diversity in an international setting to increase global awareness, inclusive practice, and professional skills to develop a culturally responsive classroom. A fee is required for this course.
Prerequisites: 3.25 GPA, letter of recommendation, successful completion of required PRAXIS exams, interview, essay, and successful completion of local student teaching. POI required.

ELD 128 Developing Mathematical Ideas for Elementary School Teachers 1 Credits
Prospective teachers will examine the mathematics content and curriculum that is taught in grades K-6, focusing upon the multi-layered aspects of the topics that successful elementary teachers need to understand profoundly in order to provide appropriate instruction. There will be a series of topics selected from those that have historically been especially difficult for teachers to thoroughly understand at the depth needed to teach effectively. Some of the topics may vary each semester.

ELD 307 Emergent Literacy P-3 3 Credits
This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 308 Fostering Language and Literacy Development 3 Credits
Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206; ELD 307.

ELD 350 Early Adolescence 1 Credits
This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes.

ELD 355 Teaching in the Inclusive Middle School Classroom 1 Credits
This course will highlight the legal and ethical responsibilities of general education teachers in the middle school classroom. The special education process will be discussed and methods to address special needs in the classroom will be shared. Strategies to differentiate instruction and work collaboratively with school community members will help pre-service teachers develop and implement effective instruction that meets diverse needs in the middle school inclusive classroom.
Prerequisite(s): EDU 106 and EDU 206 and a cumulative GPA of 2.75 is required.

ELD 360 Structure and Culture of Middle School Classroom 1 Credits
This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 375 Methods of Teaching Mathematics in Elementary Classrooms 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206, MTH 102 or MTH 105 or MTH 150 or MTH 210.

ELD 376 Teaching Science, Social Studies and the Arts N-6 3 Credits
This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade six (based on NCSS, NSTA, and NAEA Standards). Emphasis is placed on an integrated approach to curriculum, with lesson and unit planning activities that incorporate hands-on-experiences, discovery learning and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of classroom instruction and the teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required.
Prerequisite(s): ELD 307 and ELD 375.

ELD 380 Methods of Teaching Mathematics in the Middle School 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. In keeping with the National Council of Teachers of Mathematics (NCTM) Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experience, use of technology, and traditional and non-traditional assessment. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 385 Teaching Science in the Middle School 3 Credits
This course focuses on the teaching of sciences that is developmentally appropriate for students in grades six through eight. In keeping with the National Science Education Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experiences, use of technology and traditional and non-traditional assessment strategies. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 390 Teaching Social Studies in the Middle School 3 Credits
This course focuses on the teaching of social studies that is developmentally appropriate for students in grades six through eight. Its focus will explore understanding of United States history, geography and civics from the perspective of the middle school. The course emphasizes the ten themes of social studies as developed by the National Council for the Social Studies. In addition to the facts, concepts and generalizations encompassed by the ten themes, the course works with academic, social, thinking and citizenship skills. The required, intensive field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 395 Literacy Learning in the Middle School 3 Credits
This course focuses on the teaching of literacy that is developmentally appropriate for students in grades six through eight. It explores processes in reading, writing, speaking, listening and viewing, relationships among the language arts and other subject areas, and the development of critical literacy and cognitive strategies. The intense field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 490 Independent Study: Research and Creative Expression 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hour's credit to be assigned is determined by the department.

SED 370 Teaching in the High School 3 Credits
This field-based course focuses on general pedagogy in grades nine through 12. Emphasis will be on generic teaching approaches, planning lessons and developing units of study, learning styles, issues and techniques of evaluation, and multiculturalism. Working in local high schools, students continue observing and begin teaching lessons in their subject area specialization. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 400 Teaching English Language Arts in the Secondary School 3 Credits
Students preparing to teach English in middle schools and senior high schools explore strategies for the imaginative teaching of literature, poetry, drama, grammar, composing processes, vocabulary, and oral language use. Students research, develop, and critique thematic units, analyze curriculum, and study the selection, development, and use of a wide variety of teaching materials. Traditional and alternative methods of assessment are explored. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 405 Teaching Social Studies in Secondary Schools 3 Credits
The theoretical foundations of teaching social studies in junior and senior high schools. Basic goals and aims of social studies instruction are studied, and specific methodological techniques are described and practiced. Demonstration lessons are prepared and presented. Considers typical problems with which teachers are confronted. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 410 Teaching Science in Secondary Schools 3 Credits
Classroom interaction analysis systems are utilized in the study of the teaching-learning process. Students develop their own repertoire of teaching strategies. Emphasis on the investigation and interpretation of recent curriculum developments, and the use of the laboratory in science instruction. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 415 Teaching Mathematics in Secondary Schools 3 Credits
The critical analysis of the aims of teaching mathematics in the secondary school; review of recent research in the content and teaching of mathematics by individuals and groups; demonstration lessons (reflective teaching) to illustrate techniques of teaching; the planning of lessons; selection and organization of materials and subject matter; and evaluation of lesson presentation. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 431 Content Area Reading and Writing 3 Credits
Explores theoretical and methodological issues concerned with teaching reading and writing within content area classes. Students analyze junior high and high school textbooks and other reading materials, study methods of adjusting instruction to varying reading and writing needs of students, prepare directed reading activities in their specific content areas, and use informal diagnostic reading tools. Included is the preparation of content area writing assignments and the evaluation of student writing as well as the teaching of study skills? Emphasis throughout is on the integration of reading and writing into secondary school subject classes. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 490 Independent Research and Study 1-6 Credits
The outline for study must be accepted by the professor and approved by the department. The semester hours credit to be assigned is determined by the department.

SPE 201 Foundations in Special Education and Inclusive Practice 3 Credits
This course emphasizes the foundations of special education and introduces students to inclusive practice. Philosophical, historical, and legal foundations of special education and characteristics of students with disabilities will be examined. Students will learn the components of an Individualized Education Program (IEP), how to adapt learning environments and curricular materials, as well as how to select and implement modifications for students with disabilities. Inclusive educational practices including communication, coteaching, and collaborative partnerships will be addressed through case studies and fieldwork. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 is required.

SPE 202 Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities 3 Credits
This course is designed to examine the characteristics of individuals with Autism Spectrum Disorder (ASD) and strategies to support their academic, communication, and social/behavioral growth, including the use of assistive technology and positive behavioral supports. Methods and strategies for ASD and other low incidence disabilities will be explored. Through active participation in class and field sites, students will become aware of the various social issues related to family, education, transition, community resources and work experiences of individuals with these disabilities. Students will be required to complete a minimum of 30 weekday field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 210 Global Encounters 3 Credits
This course is an international learning experience focused on exploring educational opportunities in the United States and abroad. Students will study the history, policy and practice of special education in the United States and compare it with another country and culture first hand, through lectures, school visits and reflection. Current strategies and challenges of educators and families supporting individuals with disabilities will be examined. Through this cross-cultural experience, students will broaden perspectives and develop cultural awareness, knowledge, and understanding of diversity. This course is open to all students and disciplines. There are no prerequisites.

SPE 300 Inclusive Practices for General Education Teachers 3 Credits
This online course is designed to introduce preservice general education teachers students to special education and the inclusive classroom. Students will explore current issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours. Prereqisite(s): EDU 106 and EDU 206. A cumulative gpa of 2.75 is required.

SPE 303 Assessment and Instruction for Students with Disabilities 3 Credits
This course will emphasize the relationship between assessment and instructional design and implementation. Coursework includes the evaluation, selection, development, and adaptation of standardized, normreferenced, and functional assessments, such as a Functional Behavioral Assessment (FBA) and Ecological Assessment. Strategies to support literacy instruction for students with disabilities will be examined. Transition planning, program development, and agencies available to support students with disabilities and their families will be explored. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 304 Assessment and Instruction in the Inclusive Classroom 3 Credits
This course will emphasize assessment, planning, and instructional design to maximize the learning of all students, including those with exceptional learning needs, in the inclusive classroom. Students will have the opportunity to explore a variety of instructional strategies to meet the needs of diverse learners. Organization of learning environments and the collaborative process, including co-teaching models, will be utilized to design a long-term unit plan. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 305 Assessment and Instruction for Students with Autism Spectrum Disorders 3 Credits
Through this course, teacher candidates will learn both theories related to teaching students with Autism Spectrum Disorder (ASD) as well as best practices in the classroom related to academic instruction, as well as emotional, behavioral, and communicative interventions. This course also includes a field component, in which teacher candidates are expected to complete 10 hours of observation in a classroom with students with ASD. The course begins by examining the characteristics of the disability, causes, early warning signs, diagnostic procedures, and early intervention practices. Specific practices related to instruction and intervention as well as how to best structure a classroom for students will be examined. Teacher candidates will receive instruction in a variety of strategies and practices, even those that do not yet qualify as EBPs, as well as their theoretical underpinnings. Strategies for communicating effectively and efficiently with parents, as well as the most current and/or special issues in the field will also be discussed. Issues related to post-secondary transition will also be examined.
Prerequisites: A cumulative GPA of 2.75 and SPE 201.

TEC 200 Google© Educator Level One Training 3 Credits
This course will provide the skills and knowledge for pre-service teachers in undergraduate education to successfully take the Google© Educator Level One Exam.

TEC 201 Internet Ethics 1 Credits
This course focuses on using the Internet to explore and reflect on current ethical issues involving technology. These include individual privacy, legal issues such as fair use and copyright laws, and social issues such as bullying and social networking. Students will explore these topics using a variety of search engines and will reflect on the information found in terms of its impact on society as well as its appropriate uses in personal life, education and business. Pass/fail.

TEC 202 Smartboard 1 Credits
This course is designed to provide an opportunity for students to become familiar with the features and applications of Smartboard, an interactive whiteboard that can be used in classrooms and professional presentations. Students will gain experience using the touch screen and in integrating the features of the program into learning and professional materials. Pass/fail.

TEC 203 Desktop Publishing and Web Page Design 1 Credits
This course provides students with the ability to use desktop publishing software to create materials suitable for use in classrooms, professional settings, and personal use, and with the ability to design web pages. The course is appropriate for anyone who will be involved in designing classroom and student publications and for those who will use web pages in their teaching or personal lives. Discussion will be held on how to use desktop publishing and web page design in elementary and secondary school settings. A project involving application of various desktop publishing and web page design techniques will be completed and demonstrated to the class. Pass/fail.

TEC 204 Electronic Spreadsheets and Classroom Management Software 1 Credits
Basic electronic spreadsheet concepts and applications are taught using a major spreadsheet program. Topics include writing basic formulas, copying formulas, playing "What If," customizing a worksheet, and printing a spreadsheet. Discussions will be held on how to integrate spreadsheets into elementary and secondary classes and activities. Pass/fail.

TEC 206 Teaching and Presenting with Technology 1 Credits
This course covers designing, planning, and using technology enhanced instruction and presentations. Group assignments will enable students to explore uses of technology to enhance instruction and presentations. Collaboration will be encouraged when discussing the efficient and effective use of technology. Three collaborative group reports will be submitted dealing with discussion questions and chapter topics. Appropriate web sites and programs will be visited. Students will design a final original application that could be used to create motivation and visual learning in a specific classroom or other professional setting related to their major areas of study. Emphasis will be given to technology integration strategies. A final oral presentation of individual projects will be given.

TEC 207 Social Media for Education 3 Credits
Social Media for Education will introduce students to the structure and culture of social media and how social networking applies to the educational environment. This three-credit course will foster a deep understanding of how social media in education can benefit students, teachers, administrators, staff, and stakeholders.

TEC 307 Concepts Instuct Media & Tech 3 Credits
Designed to provide the student with familiarity and appreciation of the role of educational technology in the workplace as it applies to students, teachers, administrators, and trainers. The student will explore the Internet, various educational multimedia, distance learning, virtual reality environments, learning theories, and integration models. Appropriate developmental/reflective strategies will be incorporated with instruction. Although multimedia microcomputers will be utilized throughout the course, prior microcomputer knowledge and experience is not a critical element. Multimedia expertise will be developed as the course progresses.

TEC 308 Digital Tools for Teaching 3 Credits
Designed to enable the student to develop instructional presentations utilizing the advantages of multimedia technology. Each student will be required to create a multimedia portfolio that contains information presentations, cumulative records, presenter notes, work samples, photo library, video animation, and audio narration. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail. Expertise will be developed as the course progresses.

TEC 309 Instruct Media/Technology Management 3 Credits
Designed to develop technology management skills that can be used for individual classrooms, training centers, subject area specializations, grade levels, school laboratories, curriculum integration, administrative functions, system networks, community services, communication systems and connecting linkages between educational/work environments and home. Various management strategies will be explored and each student will have an opportunity to design, via a multimedia microcomputer, an instructional technology system of their choice along with a management plan. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail.
Prerequisite(s): At least six semester hours of technology courses or modules.

TEC 404 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners.
Prerequisite: SPE 201 or SPE 300.

TEC 407 New Literacies for New Learning 3 Credits
As we consider the rapid expansion of information and text it is timely to take a critical view of what literacy means and how it is influencing children's literacy development and the work of educators. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid/online course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for children's literacy development as well our own work as educators.

TEC 490 Independent Research and Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

College of Education and Human Resources Undergraduate Faculty

John Baer
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Nancy Westberg
Professor Emerita, Department of Teacher Education
B.A. Holy Family College; M.S. Chestnut Hill College; Ph.D. Indiana State University

College of Arts and Sciences

The College of Arts and Sciences (CAS) is dedicated to educating students for engaged citizenship, career success, and personal growth in a diverse and complex world.

CAS cultivates intellectual reflection, artistic creativity, and academic maturity by promoting both broad academic inquiry and in-depth

disciplinary study, while nurturing effective and ethical applications of transferable critical skills.

The CAS faculty demonstrate an expert and practical dedication in and out of the classroom, advancing the free exploration of ideas and artistry as well as encouraging the exploration of difficult problems within their fields of specialization.

In addition, CAS fosters engaged learning by encouraging students to spend time studying abroad; researching in collaboration with faculty; participating in creative and artistic works; and shadowing and interning at nationally renowned companies, governmental agencies, and not-for-profit organizations. The impact of these activities will stay with students forever, significantly enhancing the value of their education in the arts and sciences.

CAS aims not only to provide students with expertise and experience in their chosen field, but also to guide their learning of life-long skills that cut across disciplines. Abilities such as critical thinking, quantitative analysis, effective communication, informational and emotional literacy, and technological competencies prepare students to participate in a globalized world where active learning, not static knowledge, is essential.

In short, CAS inspires students to develop a deep understanding and appreciation of the foundational areas of human knowledge and values. It does so by means of a clear and well-defined general education curriculum and a wide array of specialized majors, minors and certificates.

Majors, Minors, and Certificates

CAS Majors, Minors, and Certificates (p. 758)
Students interested in pursuing a major, minor, or certificate need the approval of the chairperson or director of the minor program and the dean.

General Liberal Arts and Sciences Studies (GLASS) is available to all CAS students who are undecided regarding the selection of a major. For GLASS, specially designated advisors are assigned to help students explore the full range of their academic options. Students have until the completion of 60 credits to select a major. When the major is declared, a new advisor from that field is assigned for course selection and continued academic guidance.

General Science Program (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/general-science/) is structured to prepare selected first-year students for the rigors of college study in science, technology and mathematics. In this program, you'll strengthen your academic readiness for college-level STEM courses and prepare for a successful transition into your intended major of choice through targeted coursework, faculty advisement and personalized resources. Students may declare the science, technology or mathematics major of their choice as a sophomore after fulfilling the program requirements (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/general-science/).

Accreditation

Rider is regionally accredited by the Middle States Commission on Higher Education. Rider's online R.N. to B.S.N. baccalaureate degree program is accredited by the Commission on Collegiate Nursing Education (https://www.aacnnursing.org/CCNE/).

Degrees

At the undergraduate level, the College of Arts and Sciences offers:

1. Bachelor of Arts - B.A.
2. Bachelor of Arts in Music - B.A.M.
3. Bachelor of Fine Arts - B.F.A.
4. Bachelor of Music - B.M.
5. Bachelor of Science - B.S.
6. Bachelor of Science in Nursing - B.S.N.

Resources

Preparation for the Study of Medicine and Dentistry

The College of Arts and Sciences offers a premedical studies advising program (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/programs-opportunities/pre-med/) that focuses on preparation for admission to medical, dental, or other health-related professional schools such as chiropractic and podiatry. A background in the liberal arts also is provided, since many professional schools stress a broad general education.

A premedical committee and pre-professional advisors meet on a regular basis with students to assist in the selection of science and non-science courses, to provide information on the MCAT and DAT, and to advise students regarding procedures for admission to professional schools. As admission requirements vary slightly from school to school, students are urged to consult catalogs of the institutions where they desire to continue their education to make certain that they are completing the most appropriate undergraduate courses.

Students may major in any field of study and need not formally major in one of the sciences as long as they take the minimum number of required science courses. As a matter of practice, however, most pre-dental and premedical students major in biology, behavioral neuroscience, biochemistry, or chemistry. Students who intend to enter medical doctor programs must excel to ensure the adequacy of preparation and favorable consideration of their applications.

Preparation for Study in Allied Health Programs

The College of Arts and Sciences offers pre-allied health professions advising that focuses on preparation for admission to allied health professions such as nursing, physical therapy, sports medicine, physician assistant, occupational therapy, diagnostic imaging and radiologic sciences, medical laboratory sciences and pharmacy. Each of these disciplines has different prerequisite science and non-science coursework and other experiential requirements, and these may vary among institutions. There are also multiple pathways to bachelor's, combined bachelor's/master's, entry level master's degrees, or doctoral degrees in many of them.

The pre-allied health advisor at Rider offers ongoing availability to help students educate themselves on these varying professional fields and the requirements for entry into them. Students are also urged to consult with admissions personnel at institutions in which they seek to study in order to ensure that they are preparing competitive applications.

Rider University has an affiliation with the College of Health Professions at Thomas Jefferson University to facilitate paths of entry into their allied health programs.

Preparation for the Study of Law

The College of Arts and Sciences offers pre-law advising that focuses on exploring legal careers and preparation for admission to law school.

Army Reserve Officer's Training Corps (ROTC)

Rider University students are eligible to participate in the Princeton Army ROTC program through a formal cross-town enrollment agreement with the U.S. Army Cadet Command. Princeton Army ROTC will recruit, educate, develop, and inspire ROTC Cadets at off-campus locations in order to commission officers of character for the Total Army; and develop citizens of character for a lifetime of commitment and service to the nation.

The Army ROTC course is designed as a four-year leadership program divided into two phases: the basic course and the advanced course. The basic course is open to all students (100 series only. 200 series and above upon approval by the Princeton Army ROTC Professor of Military Science). The advanced course is available to cadets who complete the basic course and wish to be commissioned as either active or reserve component officers. For further information, please go to ROTC (http://catalog.rider.edu/policies/reserve-officers-training-corps-rotc/).

Schools and Departments

Schools and Departments in the College of Arts and Sciences

School of Science, Technology and Mathematics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/)

Departments:

- Biology and Behavioral Neuroscience (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/biology-behavioral-neuroscience-health/)
- Earth and Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)
- Computer Science and Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/computer-science-physics/)
- Health Sciences and Nursing (https://www.rider.edu/academics/colleges-schools/arts-sciences/majors-minors-certificates/healthsciencesbs/)
- Mathematics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/mathematics/)

School of Humanities and Social Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/)

Departments:

- English (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/english/)
- Government, Politics and Law (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/political-science/)
- History and Philosophy (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/history-philosophy/)
- Languages, Literatures, and Cultures (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/languages-literatures-cultures/)
- Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departmentss/psychology/)
- Sociology and Criminology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/sociology-criminology/)

School of Communication, Media and Performing Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/)

Departments:

- Communication, Journalism, and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)
- Media Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/)
- Performing Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/performing-arts/)

Westminster Choir College (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/westminster-choir-college/)

Departments:

- Music Studies
- Performance Studies

Majors, Minors and Certificates

College of Arts and Sciences

The College of Arts and Sciences is separated into four distinct schools. The programs below are listed under the school in which they are offered. Some offerings are restricted to Continuing Education Program(CEP) students or Virtual students only and are indicated with the corresponding designation.

School of Science, Technology and Mathematics (p. 758)
School of Humanities and Social Science (p. 758)
School of Communication, Media and Performing Arts (p. 758) Westminster Choir College (p. 759)

School of Science, Technology and Mathematics

Program	Major	Minor	Certific	Concentration
Actuarial Science (p. 27)	√			
Allied Health Studies (CEP) (p. 32)	√			
Allied Health Studies Online (CEP or Virtual) (p. 35)	√			
Behavioral Neuroscience (p. 49)	√			
Biochemistry (p. 79)	√			
Biology B.S. / B.A. (p. 83)	√	√		
Chemistry B.S. / B.A. (p. 104)	√	√		
Computer Science (p. 125)	√	√		
Cybersecurity (p. 140)	√	√		
Dance Science (p. 151)	√			
Earth and Environmental Sciences (p. 195)		√		
Earth Sciences (p. 198)	√			
Environmental Sciences (p. 246)	√			
Environmental Studies (p. 253)	√			
Exercise Science (p. 263)	√			
Geology (p. 290)	√			
Health Sciences (p. 319)	√			
Marine Sciences (p. 380)	√	√		
Mathematics (p. 399)	√	√		
Movement Science (p. 402)		√		
Nursing: Online R.N. to B.S.N. (p. 979)	√			
Physics (p. 445)		√		
Public Health Certificate (p. 481)			√	
Sustainability Studies (p. 541)		√		

School of Humanities and Social Sciences

Program	Major	Minor	Certific	Concentration
African American Studies (p. 30)		√		
Applied Behavior Analysis (p. 38)			√	
Cannabis Studies (p. 103)			√	
Chinese (p. 110)		√		
Chinese and Asian Area Studies (p. 112)		√		
Creativity and Innovation (p. 129)			√	
Criminal Justice (p. 132)	√	√		
English (p. 227)	√	√		
Ethics (p. 258)		√		
French (p. 277)		√		
Gender and Sexuality Studies (p. 284)		√	√	
General Studies A.A. (CEP) (p. 289)	√			
Health Care Policy (p. 1144)		√		
History (p. 323)	√	√		
Homeland Security Policy (p. 330)		√		
Latinx Studies (p. 357)		√		
Liberal Studies (CEP) (p. 360)	√			
Liberal Studies Online (CEP or Virtual) (p. 366)	√			
Multicultural Studies (p. 403)		√		
Organizational Psychology B.A. (p. 436)	√		√	
Philosophy (p. 442)		√		
Political Communication (p. 447)		√		
Political Science (p. 449)	√	√		
Psychology (p. 461)	√	√		
Psychology Online (CEP or Virtual) (p. 472)	√			
Publishing and Professional Writing (p. 492)			√	
Research Methods in Psychology (p. 503)			√	
Social Justice through Civic Engagement (p. 509)		√		
Social Work (p. 516)	√	√		
Sociology (p. 518)	√	√		
Spanish (p. 527)	√	√		
Teaching English to Speakers of Other Languages (TESOL) (p. 543)			√	

School of Communication, Media and Performing Arts

Program	Major	Minor	Certific	Concentration
Acting for Film Television and Theatre (p. 23)	√			
Arts and Entertainment Industries Management (p. 39)	√	√		
Communication Studies (p. 114)	√	√		
Dance/Dance Studies (p. 144)	√	√		
Event Planning and Production (p. 261)		√		
Film and Media Studies (p. 901)		√		
Film and Television (p. 904)	√	√		
Filmmaking for Actors (p. 912)		√		

Game and Interactive Media Design (p. 280)	√	
Graphic Design (p. 301)	√	√
Health Communication (p. 317)		√
Journalism (p. 346)	√	√
Music Production (p. 419)	√	√
Music Studies (p. 423)		√
Musical Theatre B.F.A. (p. 424)	√	
Musical Theatre: Musical Direction (p. 433)	√	
Public Relations (p. 482)	√	√
Radio and Podcasting (p. 493)	√	√
Social Media Strategies (p. 512)	√	√
Sports Media (p. 538)	√	√
Theatre (p. 545)	√	√
Web Design (p. 561)		√

Westminster Choir College

Program	Major	Minor	Certific	Concentra...
Music - B.A.M. (p. 405)	√		√	√
Music Education (p. 413)	√			
Voice Performance (p. 554)	√			

Acting for Film, Television or Theatre

Program Overview

The B.F.A. in Acting is a professional training program preparing students for entry in stage, film and television. The program consists of comprehensive training in acting, voice and movement as well as training in the business of acting, directing, script analysis and theatre history. They will learn from a faculty of working professionals from every aspect of the discipline. Rider's close proximity to New York City and Philadelphia allows students to interface with many industry experts and to help nurture their professional aspirations in the vibrant cultural atmosphere of these major entertainment markets.

Degree Offered

- B.F.A. in Acting for Film, Television or Theatre

Contact

Todd Dellinger
Associate Professor
Chair, Department of Performing Arts
Fine Arts, 140
609-896-5246
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Acting for Film, Television or Theatre (BFA) Major Requirements

(81 credits)

Students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

Students in the BFA in Acting for Film, Television or Theatre program must pass the sophomore review to remain in good standing in the major.

Code	Title	Credits
Required Courses:		
Complete all of the following courses:		
THE 103	The Authentic Instrument I: Introduction to Performance Skills	3
THE 104	The Authentic Instrument II: Developing the Imaginative Performer	3
THE 105	Theatre History to 1700	3
or THE 106	Theater History Since 1700	
THE 107	Acting I: Intro to Acting	3
THE 110	Acting II: Scene Study	3
THE 111	Theatre Lab (6 semesters) [1]	0
THE 115	Stagecraft	3
THE 127	Theatre Production	1
THE 190	Production I (Must be completed two times)	2
THE 220	Movement for the Actor I	3
THE 221	Voice for the Actor 1	3
THE 222	Voice for the Actor 2	3
THE 229	Movement for the Actor II	3
THE 240	Script Analysis	3
or FTV 238	Screenplay Fundamentals	
THE 300	Acting for the Camera [2]	3
THE 310	Acting III	3
THE 311	Acting IV	3
THE 313	Voice for the Actor 3	3
THE 315	Acting for the Camera 2 [2]	3
THE 329	Movement for the Actor III	3
THE 400	Directing for the Stage I	3
THE 410	Advanced Performance Workshop	3
THE 450	NY Experience: Professional Audition Technique and the Business of Acting	3
FTV 135	Filmmaking I	3
FTV 243	The Actor and Filmmaker	3
FTV 343	Actor and Filmmaker Practicum (Must be completed two times. Must be taken as a corequisite with THE 300 and THE 315.)	2
Select either Option A. or Option B.:		**7**
Option A.		
FTV 399	The Co-Operative Experience	
Option B.		
Select 7 elective credits from the approved list of electives below:		
DAN 112	Ballet I: The Point of Departure	
DAN 113	Ballet II: Next Steps	
DAN 151	Pilates and Modern	
FTV 235	Filmmaking II	
FTV 236	The Aesthetics of Filmmaking	
FTV 238	Screenplay Fundamentals	
FTV 250	Television Studio Production I	
FTV 343	Actor and Filmmaker Practicum	
FTV 402	Directing for Film	

FTV 435	Filmmaking III	
MTR 105	Musical Theatre Practicum	
MTR 109	Ballet I	
MTR 112	Ballet II	
MTR 114	Ballet IV	
MTR 209	Tap Dance I	
MTR 210	Tap Dance II	
MTR 212	Ballet VI	
MTR 307	Tap III	
MTR 308	Tap IV	
MTR 309	Jazz I	
MTR 313	Ballet VII	
MTR 314	Ballet VIII	
MTR 315	Jazz II	
MTR 316	Jazz III	
MTR 318	Jazz IV	
MTR 319	Jazz V	
MTR 320	Jazz VI	
THE 118	Visual Imagination	
MUS 168D	Applied Voice	
THE 201	Devised Theatre	
THE 206	American Theatre History	
THE 207	Contemporary Theatre	
THE 224	Stage Make Up	
THE 240	Script Analysis	
THE 250	Introduction to Costume Construction	
THE 260	History of Style and Decor	
THE 312	The Arts Abroad	
Select one Film History course from the list below:		**3**
FMS 250	Global Film History: Origins to 1960	
FMS 251	Global Film History: 1961 to Present	
FMS 252	American Film History: Origins to 1960	
FMS 253	American Film History: 1961 to Present	
FMS 260	Great Performances in Film	
Total Credits		**81**

[1]

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

[2]

FTV 343 is a corequisite for THE 300 and THE 315 and must be completed at the same time.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
THE 111	Theatre Lab	0
THE 107	Acting I: Intro to Acting	3
THE 103	The Authentic Instrument I: Introduction to Performance Skills	3
THE 190	Production I	1
THE 115	Stagecraft	3
FTV 135	Filmmaking I	3
General Education Credits		3
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 110	Acting II: Scene Study	3
THE 104	The Authentic Instrument II: Developing the Imaginative Performer	3
THE 190	Production I	1
THE 300	Acting for the Camera	3
FTV 343	Actor and Filmmaker Practicum	1
General Education Credits		6
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
THE 111	Theatre Lab	0
THE 310	Acting III	3
THE 220	Movement for the Actor I	3
THE 221	Voice for the Actor 1	3
THE 240 or FTV 238	Script Analysis or Screenplay Fundamentals	3
General Education Credits		3
	Semester Credit Hours	**15**
Spring Semester		
THE 111	Theatre Lab	0
THE 229	Movement for the Actor II	3
THE 222	Voice for the Actor 2	3
THE 311	Acting IV	3
General Education Credits or Free Electives		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
THE 111	Theatre Lab	0
THE 315	Acting for the Camera 2	3
FTV 343	Actor and Filmmaker Practicum	1
THE 313	Voice for the Actor 3	3
THE 329	Movement for the Actor III	3
THE 105	Theatre History to 1700	3
THE 127	Theatre Production	1
FTV 243	The Actor and Filmmaker	3
	Semester Credit Hours	**17**
Spring Semester		
THE 111	Theatre Lab	0

THE 106	Theater History Since 1700 (Or Film History Course)	3
General Education Credits/Free Electives		10
	Semester Credit Hours	**13**
Year 4		
Fall Semester		
THE 450	NY Experience: Professional Audition Technique and the Business of Acting	3
THE 410	Advanced Performance Workshop	3
General Education Credits/Free Electives		9
	Semester Credit Hours	**15**
Spring Semester		
FTV 399	The Co-Operative Experience (OR Approved/ Restricted elective credits)	9
Free Electives		3
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

THE 103 The Authentic Instrument I: Introduction to Performance Skills 3 Credits
Through Alexander Technique and other methodologies, actors gain awareness of personal habits and begin to find their authentic, truth-telling voice and body—a dynamic and expressive instrument to serve them in any medium.

THE 104 The Authentic Instrument II: Developing the Imaginative Performer 3 Credits
Continuing from THE 103, actors explore psycho-physical techniques (e.g. Michael Chekhov, Viewpoints, Laban) to develop the actor's imagination. The class culminates in a public presentation using the tools that have been cultivated in Authentic Instrument I & II.
Prerequisite(s): THE 103.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

THE 110 Acting II: Scene Study 3 Credits
Basic acting techniques. Emphasis on the ingredients of any action: what am I doing, where, why, who am I, what is my attitude toward partner?
Prerequisite(s): THE 107.

THE 111 Theatre Lab 0 Credits
This class serves as a forum for students to cultivate practical professional skills. Through seminars, guest speakers and master classes, this lab will give the students necessary tools to enter the professional theater. Theater majors must meet the weekly attendance and participation requirements during every semester up to a total of six.

THE 115 Stagecraft 3 Credits
The theory and practice of construction and rigging of stage scenery is offered. Emphasis is on actual productions and road show set-ups. One lecture and two labs per week.

THE 127 Theatre Production 1 Credits
Students rehearse and perform roles in a play produced by the department and directed by a member of its faculty.

THE 220 Movement for the Actor I 3 Credits
This course is an introduction to movement training methodologies, and emphasizes physical awareness and expressivity as it relates to development of character.
Prerequisite(s): THE 110, For Acting majors or by permission of the instructor.

THE 221 Voice for the Actor 1 3 Credits
Focuses on the exploration of the basic principles of vocal production and cultivating the natural expressivity of the voice. Classwork is based upon the classic progression of voice exercises of Kristin Linklater.
Prerequisite(s): THE 107 with a minimum grade of C; restricted to BFA in Acting for Film, Television and Theatre.

THE 222 Voice for the Actor 2 3 Credits
Focuses on the exploration of the International Phonetic Alphabet (IPA) and the use of the IPA in learning dialects (including Standard Neutral American) for the stage.
Prerequisite(s): THE 221.

THE 229 Movement for the Actor II 3 Credits
This course is a continuation of study in movement training methodologies (Alexander Technique, Viewpoints, Laban). It will emphasize developing physical awareness and expressiveness as it relates to the development of character work. It will also continue the further cultivation of awareness of habitual psycho-physical patterns that inhibit students in their professional development.
Prerequisite(s): THE 220, THE 221.

THE 240 Script Analysis 3 Credits
This course provides students with a technique for analyzing a theatrical script in terms of its theatrical requirements and aesthetic qualities. Students will use critical research and develop the abilities to write and speak clearly about dramatic literature, the requirements of production, and the experience of performance.
Prerequisite(s): THE 107 with a minimum grade of C.

THE 300 Acting for the Camera 3 Credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera.
Prerequisite(s): THE 107.

THE 310 Acting III 3 Credits
Students will study in-depth techniques for exploring characterization. They will be introduced to the "magic if" and study techniques for placing themselves in the circumstances of the characters they are portraying. They will learn the interior and exterior analysis of characters using "Adler" and "Practical Aesthetics" techniques.
Prerequisite(s): THE 107, THE 110.

THE 311 Acting IV 3 Credits
Students will learn and practice performance techniques that explore a variety of theatrical styles, primarily focused on styles that have a heightened form and/or language.
Prerequisite(s): THE 310.

THE 313 Voice for the Actor 3 3 Credits
Actors continue their study of vocal progression with Kristen Linklater and the speech work of Patsy Rodenberg, Edith Skinner and Louis Colaianni to develop physical freedom, energy, and expressivity. Advanced diagnostic work of students' voice and speech habits are explored in relationship to work with contemporary, heightened, and stylized texts.
Prerequisite(s): THE 222.

THE 314 Advanced Voice and Speech for the Actor II 3 Credits
Continuing from THE 313, actors apply advanced principles of vocal production and speech work to contemporary, heightened and stylized texts.
Prerequisite(s): THE 313.

THE 315 Acting for the Camera 2 3 Credits
This course is a continuation of the study of acting for the camera.
Prerequisite(s): THE 300.

THE 329 Movement for the Actor III 3 Credits
This course is a continuation of study in movement training methodologies focusing on continued development of expressivity, ease, dynamics and authenticity in character development.
Prerequisite(s): THE 229.

THE 400 Directing for the Stage I 3 Credits
The technique of play directing and production management. Lectures present aesthetic and theoretical concepts that are explored in workshops.
Prerequisite(s): THE 107, THE 115.

THE 410 Advanced Performance Workshop 3 Credits
An opportunity to work an entire semester on a specific style or period of theatre, e.g., Shakespeare, farce, Readers' Theater.
Prerequisite(s): THE 107, THE 110.

THE 450 NY Experience: Professional Audition Technique and the Business of Acting 3 Credits
Students engage weekly with New York professionals to learn the business of acting and strategies for successful auditions in the NY Film, Television and Theatre industry. Students will participate in mock auditions with casting directors and theatre and on camera directors to refine audition skills. Travel costs to New York are the responsibility of the student.

FTV 135 Filmmaking I 3 Credits
Filmmaking I introduces students to basic film and television production theories, techniques, and applications. Students will gain competency in a number of production areas including composition, lighting, filmic storytelling, sound, production planning and editing. As well as gaining practical production experience, students will also be introduced to basic art theory in relation to composition and visual storytelling.

FTV 238 Screenplay Fundamentals 3 Credits
Screenplay Fundamentals will instruct students in how to write for the screen. Students will learn how to convey story and character through the medium of film and television, how to write effective dialogue, and understand the basics of dramatic writing and scene structure.
Prerequisite: COM 131.

FTV 243 The Actor and Filmmaker 3 Credits
A practicum course that instructs the student on how actors and directors work together to build a performance. The course will provide on-hands experience in technical aspects of behind and in front of camera processes in capturing an actor's performance, exploring the demands and particularities of acting for the camera. This course will also serve as an introduction to basic acting theories and practices as they relate to how actors work to express a character onscreen. Elements of this course include monologue and scene rehearsal and performance (both multi-camera and single camera), audition techniques (for both actors and directors), and how film directors block and cover a scene. Students will gain experience both behind and in front of the camera,
Prerequisite(s): COM 131 or FTV 135 for Film/TV majors or THE 110 for Theater majors.

FTV 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; .
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

Actuarial Science

Program Overview

The Actuarial Science program is designed to provide students with the knowledge, skills and tools they will need to obtain employment as an actuary. The program incorporates a blend of business and liberal arts courses in mathematics to provide a deep understanding of critical thinking, analysis, and communication skills as well as project management and teamwork.

Employment projections predict a high demand for actuarial science positions over the next several years. Students interested in actuarial science will find this program contains all the components that

contribute to a successful actuarial career and an excellent track record of placement upon graduation.

Student Learning Outcomes

Students graduating from the Actuarial Science program will be:

1. prepared to take the Society of Actuaries (SOA) exams required for employment in the actuarial science profession.
2. able to demonstrate the proficiency in the three Validation by Educational Experience (VEE) requirements by SOA.
3. able to write technical reports and make technical presentations containing statistical and actuarial results.
4. able to apply statistical methods using relevant software to solve real-world problems.
5. prepared to continue their study in finance, mathematics, statistics, and other related fields and take additional SOA exams to advance their career.

Degree Offered

- B.S. in Actuarial Science

Contact

Ahmad Mojiri, Ph.D.
Associate Professor
Department of Mathematics
School of Science, Technology and Mathematics
Hennessy Science and Technology Center 337D
609-896-5419
amojiri@rider.edu

Department Website: Actuarial Science (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/science-programs/actuarial-science/)

Actuarial Science B.S. Major Requirements

(60 credits)

Code	Title	Credits
Required Mathematics Courses		
MTH 210	Calculus I [1]	4
MTH 211	Calculus II [1]	4
MTH 212	Calculus III	4
MTH 240	Linear Algebra	3
MTH 250	Differential Equations	3
MTH 308	Advanced Calculus	3
MTH 340	Probability & Statistical Analysis I	3
MTH 341	Probability & Statistical Analysis II	3
Two Math Electives (at 300 level or above)		6
Required Accounting Courses		
ACC 210	Introduction to Accounting	3
ACC 220	Managerial Uses of Accounting	3
Required Finance Courses		
FIN 220	Introduction to Finance	3
FIN 309	Intermediate Corporate Finance	3
Required Economics Courses		
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
Required Management Science Courses		
MSD 330	Predictive Modeling and Applications	3
MSD 350	Financial Mathematics	3
Required Computer Science Course		**3**
Select one of the following courses:		
CSC 105	Fundamentals of Computer Science	
CSC 110	Computer Science I	
Total Credits		**60**

Code	Title	Credits
Recommended Free Electives [2]		
FIN 307	Financial Markets & Institutions	
FIN 308	International Finance	
FIN 312	Investments	
FIN 340	Risk Management	
FIN 360	Fixed Income and Derivatives	
HTH 336	Economics of Health Care System	

1

Students must receive a grade of "B" or above in Calculus I (MTH 210) and Calculus II (MTH 211).

2

Recommended free electives are not required for completion of the major.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
MTH 210	Calculus I [1,3]	4
ECO 200	Principles of Macroeconomics	3
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
Foreign Language [1]		3
	Semester Credit Hours	**16**
Spring Semester		
MTH 211	Calculus II	4
ECO 201	Principles of Microeconomics	3
HIS 151	World History Since 1500	3
CMP 125	Seminar in Writing and Research	3
Foreign Language		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 240	Linear Algebra	3
ACC 210	Introduction to Accounting	3

CSC 105 or CSC 110	Fundamentals of Computer Science or Computer Science I	3
COM 104	Speech Communication	3
Social Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
MTH 212	Calculus III	4
FIN 220	Introduction to Finance	3
ACC 220	Managerial Uses of Accounting	3
Social Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MTH 308	Advanced Calculus [4]	3
MTH 340	Probability & Statistical Analysis I	3
FIN 309	Intermediate Corporate Finance	3
Philosophical Perspectives		3
Free Elective [2]		3
	Semester Credit Hours	**15**
Spring Semester		
MTH 341	Probability & Statistical Analysis II	3
Scientific Perspectives		3
Free Electives [2]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MTH Elective		3
MSD 320	Statistics for Risk Modeling I	3
MSD 350	Financial Mathematics	3
Aesthetic Perspectives: Literature		3
Free Electives [2]		3
	Semester Credit Hours	**15**
Spring Semester		
MTH 250	Differential Equations [4]	3
MSD 325	Statistics for Risk Modeling II	3
Aesthetic Perspectives: Fine Arts		3
Free Electives [2]		3
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

Mathematics General Education Curriculum requirements are included in the major.

4

MTH 308 and MTH 250 will be offered once every three semesters as of Fall 2023. MTH 308 - Advanced Calculus will be offered in the fall of odd years. MTH 250 - Differential Equations will be offered in the spring of even years.

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

FIN 307 Financial Markets & Institutions 3 Credits
This course provides an introduction to the organization and behavior of financial markets and institutions in the economy. The factors determining security prices and interest rates in the money and capital markets are analyzed. An overview of all major financial institutions is presented. In addition, market returns, the regulatory environment, and monetary policy are examined.
Prerequisite(s): FIN 220.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

FIN 309 Intermediate Corporate Finance 3 Credits
This course builds on and extends the concepts of financial management learned in FIN 220. The course examines long-term corporate financing and investment decisions and how those decisions interface with each other. Topics covered include: cost of capital, financial planning and analysis, capital budgeting, capital structure and dividend policy.
Prerequisite(s): FIN 220.

FIN 312 Investments 3 Credits
The fundamentals of investing in stocks, bonds, and other negotiable instruments are covered. Major topics include trading on securities markets, mutual funds, international investing, margin accounts, short sales, determinants of securities prices, and investment risks. Stock options, financial futures, convertible securities, and implications of taxes on investment decisions are also discussed.
Prerequisite(s): FIN 220.

FIN 340 Risk Management 3 Credits
This course examines the risk management process as applied to the firm as a whole. It integrates the management of all risks facing the firm: strategic, financial, hazard, and operational. Techniques for identifying risk, measuring and analyzing it, and selecting an appropriate treatment will be explored.
Prerequisite(s): FIN 220.

FIN 360 Fixed Income and Derivatives 3 Credits
This course centers on the quantitative portion of the Chartered Financial Analyst (CFA) level 1 curriculum, which includes materials on fixed-income risk and return, fundamentals of risk analysis, derivative instruments and risk management applications of option strategies. The goal is to help students prepare for the exam, as well as introduce them to a variety topocs in finance.
Prerequisite(s): FIN 312.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

MSD 320 Statistics for Risk Modeling I 3 Credits
This is the first course in a two course sequence to prepare actuarial science students for the Society of Actuaries' (SOA) new exam "Statistics for Risk Modeling." This course (SRM I), together with the second course of the sequence SRM II, cover all the topics in the SOA's proposed syllabus for the exam. The course covers two major topics: (i) Generalized Linear Models, and (ii) Regression-based time series models and forecasting.
Prerequisite(s): MSD 205 or MTH 341.

MSD 325 Statistics for Risk Modeling II 3 Credits
This is the second course in the two course sequence to prepare actuarial science students for the Society of Actuaries (SOA) new exam "Statistics for Risk Modeling." This course, together with MSD 320, will cover all the topics in the SOA's proposed syllabus for the exam. This course examines the use of statistical learning methods to adequately model and understand complex datasets in business and economics. The use of the statistics software R to analyze realistic data sets is an important component of the course. Topics include: (i) Basics of Statistical Learning; (ii) Principal Components Analysis; (iii) Decision Trees; and (iv) Cluster Analysis.
Prerequisite(s): MSD 205 or MTH 341 or equivalent course.

MSD 350 Financial Mathematics 3 Credits
A thorough treatment of the theory and applications of compound interest. Topics include the measurement of interest, elementary and general annuities, amortization schedules and sinking funds, and bonds and other securities.
Prerequisite(s): MSD 205 or equivalent. Fall.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

MTH 211 Calculus II 4 Credits
The definite integral, differentiation of transcendental functions, methods of integration and approximate integration, determination of area, volume, and surface area.
Prerequisite(s): MTH 210 with a grade of C or higher.

MTH 212 Calculus III 4 Credits
Infinite series; functions of two and three variables, vectors and tangent planes, partial derivatives, multiple integrals, determination of volume and density.
Prerequisite(s): MTH 211 with a grade of C or higher.

MTH 240 Linear Algebra 3 Credits
Systems of linear equations; vector spaces; linear independence; determinants; orthogonality; linear maps; eigenvectors.
Prerequisite(s): MTH 210 or as corequisite; sophomore standing; or permission of instructor.

MTH 340 Probability & Statistical Analysis I 3 Credits
Theory of sets and probability; discrete and continuous random variables and probability distributions. Emphasizes foundations and utilizes the techniques of the calculus.
Prerequisite(s): MTH 212 or MSD 111.

MTH 341 Probability & Statistical Analysis II 3 Credits
Continuation of MTH 340. Foundations of mathematical statistics: normal distributions, estimation, confidence intervals and hypothesis testing; topics chosen from student's t- test, chi-square tests, analysis of variance and regression analysis. Emphasizes foundations and utilizes the techniques of the calculus.
Prerequisite: MTH 340. Spring.

African American Studies

Overview

Housed in the Multicultural Studies program, the African American Studies minor addresses issues surrounding race, class, and gender, focusing on the specific history and obstacles associated with the unique experiences of African Americans in the United States. The coursework draws from many disciplines, including history, sociology, political science, literature, culture, and American studies, providing a broad range of ideas and information.

Learning Outcomes

Upon completing the minor in African and African American Studies, students will be able to:

1. Describe major social, cultural, and political events in the African and African American experience.
2. Explore and analyze the African and African American experience through the lens of different disciplines.
3. Compare and contrast the different experiences of African descent peoples within the United States and across the African diaspora.
4. Identify major figures in African and African American history and understand their impact on global and American society.

Minor Offered

- Minor in African American Studies

Contact:

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Professor and Director, Multicultural Studies Program
Department of English
School of Humanities and Social Sciences
Fine Arts, 337
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Related Programs:

- Gender and Sexuality Studies (p. 284)
- History (p. 323)
- Multicultural Studies (p. 403)
- Psychology (p. 461)
- Social Work (p. 516)
- Social Justice through Civic Engagement (p. 509)
- Sociology (p. 518)

Minor Requirements

(18 credits)

Code	Title	Credits
Core Courses (Required):		**9**
MCS 110	Race, Class and Gender in Contemporary American Society	
MCS 210	Power and Privilege in a Multicultural Society	
HIS 201	African American History	
Select three of the following:		**9**
AMS 212	Multicultural America	
AMS 227	Martin Luther King Jr's America	
AMS 307	Depictions of Racism in American Literature, Music, and Film	
AMS 309	Hip Hop and American Culture	
AMS 313	Black American Thought	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
ENG 366	Black and Multi-Ethnic Literature	
POL 235	Race and Ethnicity in American Politics	
POL 365	Politics of the Developing World	
SOC 207	Racial and Ethnic Relations	
SOC 345	Race and Crime	
Total Credits		**18**

Courses and Descriptions

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 210 Power and Privilege in a Multicultural Society 3 Credits
This course will examine how the intersection of power and privilege shapes race, gender and class relationships in the United States. Analyses will show how the legal, economic, political and social manifestations of power influence the assignments and distribution of privilege in the United States, both in historical and contemporary contexts. The impositions of power on identity in the social assignment of privilege will be an important component of the course. The two "big questions" to be examined in this course are: How do issues of race, ethnicity, class, age, religion, gender, and sexual orientation interact with privilege? How do the tensions between power, privilege, oppression and inequality lead to movements for social justice? Various interlocking systems of privileges—justice system, educational system, medical system, political system, economic system, etc.–will be examined, using the theoretical frameworks of inequality, oppression and dependency. Prominent public policies and social movements that have challenged the notions of power and privilege, both historically and contemporarily, will be examined: civil rights, women's suffrage, affirmative action, Occupy Wall Street, LGBT rights, Metoo movement, Equal Rights Amendment, Title IX, Lilly Ledbetter Fair Pay Act, etc.

HIS 201 African American History 3 Credits
Examines the actions and thought of peoples of African ancestry in the United States. Briefly considers Africa before the Atlantic slave trade, then concentrates on major themes in African-American history--the slave trade, slavery, and the genesis of African American society, emancipation and its consequences, urbanization and industrialization, Black Nationalism, the Civil Rights Movement, and African Americans today. Emphasizes African Americans' dynamic and creative role both in shaping their society and establishing their place in United States society. The on-going struggle for freedom and equality provides thematic continuity for analyzing nearly 400 years of African-American history.

AMS 212 Multicultural America 3 Credits
Focusing primarily on the new century, this course explores the experiences of the remarkably diverse range of ethnic groups who have come to the U.S. in recent years, including Hispanics, Europeans, Asians and Africans. How these groups have impacted the communities where they have settled, how they have interacted with other ethnic groups, and how they have assimilated (or not) and prospered (or not) are among the issues examined and discussed.

AMS 227 Martin Luther King Jr's America 3 Credits
This course studies Martin Luther King Jr's writings, speeches, and sermons, the context of the America he saw in his lifetime, and the implications of his message for today's America and its place in the world. King envisioned a wholly democratic America free of racism, poverty, and military aggression. Students will critically assess the political, economic, and religious thought at the root of his call for change.

AMS 307 Depictions of Racism in American Literature, Music, and Film 3 Credits
Depictions of Racism in American Literature, Music, and Film will study representations of racism in the American arts in historical context. Students will examine artistic representations of practices that disadvantage and disfranchise non-white Americans, with an eye toward understanding the ways America's history of racist practices has prompted responses from American writers, musicians, and filmmakers.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

AMS 309 Hip Hop and American Culture 3 Credits
Explore hip-hop culture via the music, dance, art, and poetry created in some of the poorest and most segregated neighborhoods in America. Students will examine the social conditions that fostered the creation of hip-hop and delve into a range of issues confronted in hip-hop music and culture.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

AMS 313 Black American Thought 3 Credits
This course introduces students to the critical and constructive nature of Black social and political thought through a survey of Black American leaders, with a focus on ideology, society and politics. Through readings and discussions, students will assess the complexities of various Black leaders and their ideological positions, often comparing and contrasting the attitudes, values and beliefs of Black thought leaders. Through the study of Black American leaders, students will gain an appreciation for the impact of Black history on the past and present of American public life. As we focus our attention on Black leaders of the 19th and 20th century, we will be mindful of the complex ways in which these leaders have agreed and disagreed on themes such as, but not limited to: achievement of Black liberation, direct action versus armed protests, the role of historical memory in modern political life, the economic and political significance of Black culture, and the tensions between Black segregation versus integration, as well as the defining of such core political concepts as citizenship, freedom, equality, progress, power, and justice.

ENG 228 Black American Lit 3 Credits
A survey of writings by black Americans, presented historically from early slave narratives through emancipation, reconstruction, the Harlem Renaissance, and literature from the 1930s to the present. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 229 Multi-Ethnic Literature in America 3 Credits
Surveys the literature of various ethnic groups including African Americans, American Indians, Asian Americans, Hispanic Americans, Jewish Americans and European Americans. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 366 Black and Multi-Ethnic Literature 3 Credits
A Survey of the literary writings of selected writers of Black and Multi-Ethnic America. Writers may include Zora Neale Hurston, Dorothy West, Maxine Hong Kingston, Anzia Yezierska, Louise Erdrich, Don Lee and Amy Tan.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 365 Politics of the Developing World 3 Credits
Studies the major political issues of the so-called "developing" world. Particular reference to political systems of Africa, Asia, Latin America, and the Middle East according to the relevance of the examples to large conceptual issues, and according to the major interests of the instructor. Typical issues include neocolonial dependency, the role of the state in newly developed countries, military rule and democratization.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

Allied Health Studies

Program Overview

Designed for working professionals in allied health fields, the Allied Health Studies degree for Continuing Education students allows them to gain the skills and credentials to advance in their field — while balancing both their career and family life.

The experience, skills and compassion an individual brings to his or her job transforms the lives of the patients in one's care every day. But rapid changes in today's health care environment now present allied health professionals with new challenges — and exciting opportunities. The B.S. in Allied Health Studies program prepares students for these challenges while still training them to be compassionate caregivers and partners.

Curriculum Overview

The curriculum is designed to provide a seamless transition from an Associate degree or a diploma program, building on the students'

experiences in allied health professions. Separate clinicals are not required.

Admissions Requirement

- Official transcripts from all institutions attended with a minimum 2.5 cumulative GPA
- Copies of a current/unrestricted license (in any allied health field)

Degree Offered

- B.S. in Allied Health Studies

Contact

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Program Website: Allied Health (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/allied-health-studies/)

Related Programs:

- Biology (p. 83)
- Behavioral Neuroscience (p. 49)
- Nursing (p. 979)
- Psychology (p. 461)
- Premedical Studies (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/programs-opportunities/pre-med/)

Allied Health Studies Major Requirements

(30 Credits)

Code	Title	Credits
Core requirement		**3**
Select one of the following:		
HTH 205	Introduction to Health Care	
NUR 404	Healthcare Policy, Finance, and Regulatory Environments [1]	
Category I Courses:		**6**
BIO 206	The Pharmaceutical Industry [1]	
HTH 336/ECO 336	Economics of Health Care System	
Category II Courses (select seven of the following):		**21**
BIO 100	Life Science	
BIO 206	The Pharmaceutical Industry [1]	
BNS 107	Life Science: Brain and Behavior	
BNS 275/BNS 275L	Behavioral Neuroscience	
CHE 115	Chemistry & Society	
HTH 491	Health Management Internship	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 365	Drugs and Human Behavior	
PSY 385	Death, Dying and Suicide	
Any Nursing (NUR) courses with permission of an advisor. [1]		
Total Credits		**30**

1 This course may only be used to fulfill the requirements of a single category.

Courses and Descriptions

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BNS 275 Behavioral Neuroscience 4 Credits
An introductory behavioral neuroscience course including basic neuroanatomy and neurophysiology of movement, ingestive, reproductive, emotional, and learning behaviors. Emphasis is on the structure/function relationships that allow animals to make appropriate physiological and behavioral responses to the environment. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 & BIO 116.
Corequisite(s): BNS 275L.

BNS 275L Behavioral Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 275.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

GLS 325 Global Perspectives on Health and Illness 3 Credits
Explores the different international perspectives on health and illness. Themes include how men, women, and children in respective civilizations are treated and viewed within their communities or nations, as they become ill. Particular attention is given to the contrast between various types of traditional healing and Western medical practices, and their interactions. Discussions will also compare the usefulness of national versus international health agencies in dealing with global health problems.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

NUR 404 Healthcare Policy, Finance, and Regulatory Environments 3 Credits
This course provides a foundation of U.S. healthcare policy, including financial and regulatory policies, as well as the nature and functioning of the U.S. healthcare delivery system. There is emphasis on policy processes at the organizational, local, state, national, and global levels. Learning activities and assignments focus on strategies for learning how to assess the role of the baccalaureate-prepared nurse in policy formation and reformation at all levels, demonstrating understanding of the political process at all levels, developing effective advocacy strategies for vulnerable populations, how to identify and influence key stakeholders in the policy process, the importance of effective communication of key healthcare issues, and how to influence change in the political process at all levels when there is social injustice.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 385 Death, Dying and Suicide 3 Credits
Everything that is alive eventually dies, thus death is a part of life. Understanding death can help us to understand and experience life more fully, and it can help us to make appropriate, compassionate responses to death and dying. Class members will examine difficult and controversial psychosocial issues related to dying and death, death perceptions from childhood through older adulthood, religious and death attitudes, the dying process, living with dying, dying in the American health care system, euthanasia and biomedical issues, pain management, suicide, cross-cultural perspectives on dying and death, the business of dying, the legal aspects of dying, and the bereavement process.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

SOC 247 Aging 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

SOC 347 Aging and the Elderly 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

Allied Health Studies Online

Program Overview

Designed for working professionals in allied health fields, the Allied Health Studies degree for Continuing Education students allows them to

gain the skills and credentials to advance in their field — while balancing both their career and family life. This online degree program provides flexibility and convenience to students.

The experience, skills and compassion an individual brings to his or her job transforms the lives of the patients in one's care every day. But rapid changes in today's health care environment now present allied health professionals with new challenges — and exciting opportunities. The B.S. in Allied Health Studies program prepares students for these challenges while still training them to be compassionate caregivers and partners.

Curriculum Overview

The curriculum is designed to provide a seamless transition from an Associate degree or a diploma program, building on the students' experiences in allied health professions. Separate clinicals are not required.

Admissions Requirement

- Official transcripts from all institutions attended with a minimum 2.5 cumulative GPA
- Copies of a current/unrestricted license (in any allied health field)

Degree Offered

- B.S. in Allied Health Studies

Contact

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Program Website: Allied Health (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/continuing-education/allied-health-studies/)

Related Programs:

- Biology (p. 83)
- Behavioral Neuroscience (p. 49)
- Nursing (p. 979)
- Psychology (p. 461)
- Premedical Studies (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/programs-opportunities/pre-med/)

Allied Health Studies Online Program Requirements

(30 credits)

Code	Title	Credits
Core requirement		**3**
Select one of the following:		
HTH 205	Introduction to Health Care	
NUR 404	Healthcare Policy, Finance, and Regulatory Environments [1]	
Category I Courses:		**6**
BIO 206	The Pharmaceutical Industry [1]	
HTH 336/ECO 336	Economics of Health Care System	
Category II Courses (select seven of the following):		**21**
BIO 100	Life Science	
BIO 206	The Pharmaceutical Industry [1]	
BNS 107	Life Science: Brain and Behavior	
BNS 275/BNS 275L	Behavioral Neuroscience	
CHE 115	Chemistry & Society	
HTH 491	Health Management Internship	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 365	Drugs and Human Behavior	
PSY 385	Death, Dying and Suicide	
Any Nursing (NUR) courses with permission of an advisor. [1]		
Total Credits		**30**

1 This course may only be used to fulfill the requirements of a single category.

Courses and Descriptions

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BNS 275 Behavioral Neuroscience 4 Credits
An introductory behavioral neuroscience course including basic neuroanatomy and neurophysiology of movement, ingestive, reproductive, emotional, and learning behaviors. Emphasis is on the structure/function relationships that allow animals to make appropriate physiological and behavioral responses to the environment. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 & BIO 116.
Corequisite(s): BNS 275L.

BNS 275L Behavioral Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 275.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

GLS 325 Global Perspectives on Health and Illness 3 Credits
Explores the different international perspectives on health and illness. Themes include how men, women, and children in respective civilizations are treated and viewed within their communities or nations, as they become ill. Particular attention is given to the contrast between various types of traditional healing and Western medical practices, and their interactions. Discussions will also compare the usefulness of national versus international health agencies in dealing with global health problems.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

NUR 404 Healthcare Policy, Finance, and Regulatory Environments 3 Credits
This course provides a foundation of U.S. healthcare policy, including financial and regulatory policies, as well as the nature and functioning of the U.S. healthcare delivery system. There is emphasis on policy processes at the organizational, local, state, national, and global levels. Learning activities and assignments focus on strategies for learning how to assess the role of the baccalaureate-prepared nurse in policy formation and reformation at all levels, demonstrating understanding of the political process at all levels, developing effective advocacy strategies for vulnerable populations, how to identify and influence key stakeholders in the policy process, the importance of effective communication of key healthcare issues, and how to influence change in the political process at all levels when there is social injustice.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 385 Death, Dying and Suicide 3 Credits
Everything that is alive eventually dies, thus death is a part of life. Understanding death can help us to understand and experience life more fully, and it can help us to make appropriate, compassionate responses to death and dying. Class members will examine difficult and controversial psychosocial issues related to dying and death, death perceptions from childhood through older adulthood, religious and death attitudes, the dying process, living with dying, dying in the American health care system, euthanasia and biomedical issues, pain management, suicide, cross-cultural perspectives on dying and death, the business of dying, the legal aspects of dying, and the bereavement process.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

SOC 247 Aging 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

Applied Behavior Analysis Certificate

Overview

The Certificate in Applied Behavior Analysis (ABA) is designed to provide undergraduate students a depth of academic and practical experience relevant for employment in behavioral technician-and related- jobs immediately after finishing their Bachelor of Arts degree. Moreover, the Certificate in ABA will provide students with a solid foundation for Rider University's Masters in applied psychology program with concentration in Applied Behavior Analysis.

The 17-18 credit certificate includes introductory and advanced courses that focus on ABA (PSY 212, PSY 299), the Experimental Analysis of Behavior (PSY 388), Research Methods in ABA (PSY 339/PSY 339L), and Professional Issues in ABA (PSY 389), as well as engaged learning experience conducting research in ABA (PSY 490), or interning for a school, clinic or agency that uses ABA (PSY 491).

Degree Offered

- Applied Behavioral Analysis Certificate

Contact

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Associated Department: Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departmentss/psychology/)

Applied Behavior Analysis Certificate Requirements

(17-18 credits)

Code	Title	Credits
Required Courses:		
PSY 212	Introduction to Applied Behavior Analysis [1]	3
PSY 299	Field Placement in Applied Behavior Analysis [2]	1
PSY 339 & 339L	Research Methods in Applied Behavior Analysis and Research Methods in ABA Lab	4
PSY 388	Learning and the Experimental Analysis of Behavior	3
PSY 389	Professional Issues in ABA	3
PSY 490	Independent Study: Research and Creative Expression [3]	3-4
or PSY 491	Internship in Psychology	
Total Credits		**17**

1

PSY 212 is waived with RBT certification.

2

PSY 299 is waived if employed full- or part-time in an ABA setting.

3

PSY 490 Independent Study must have an ABA focus; PSY 491 Internship must have an ABA focus. EDU 465 may be used in place of PSY 490 or PSY 491 with an ABA focus.

Certificate Completion

To complete the ABA Certificate Program, students must meet the following requirements:

- A grade of "C+" or better in each course is required for the certificate;
- Completion of a capstone paper from PSY 490/ PSY 491/EDU 465 is required.

Courses and Descriptions

PSY 212 Introduction to Applied Behavior Analysis 3 Credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 299 Field Placement in Applied Behavior Analysis 1 Credits
The practicum provides hands-on experience using the tools of applied behavior analysis in a field setting. Provides supervised field placement experience in an approved institution or agency in order for students to gain knowledge in applications of applied behavior analysis. Placement is made in various community institutions and agencies that offer services to diverse populations.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131, and PSY 212.

PSY 339 Research Methods in Applied Behavior Analysis 4 Credits
This upper-level laboratory course will provide students with an in-depth study of the principles and applications of Applied Behavior Analysis. Students will examine behavioral principles, ethical considerations, and real-life applications of ABA. Each student will design and implement a self-management plan to alter the behavior of their choosing. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and PSY 212 and a minimum grade of "C" in PSY 201 .
Corequisite(s): PSY 339L.

PSY 339L Research Methods in ABA Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and Psy212 and a minimum grade of "C" PSY 201.
Corequisite(s): PSY 339.

PSY 388 Learning and the Experimental Analysis of Behavior 3 Credits
Students will review principles of behavior covered in PSY 212 Intro to ABA (or PSY 225 Learning Theory) and move into more complex concepts and principles of behavior analysis including respondent behavior, respondent conditioning, motivating operations, schedules of reinforcement, and verbal operants. Students will also learn elements of behavior change and specific behavior-change procedures including verbal behavior training, discrete trial training, interventions based on motivating operations and discriminative stimuli, and stimulus equivalence procedures.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 389 Professional Issues in ABA 3 Credits
This course will provide students interested in working in the field of applied behavior analysis at the bachelor's level content based on the task list of the Behavior Analyst Certification Board (BACB) The course covers ethical and professional considerations relevant to the profession of applied behavior analysis as well as ethical and disciplinary standards of the profession. In addition, the course covers behavioral assessment and intervention, competency-based training, and evaluating the effectiveness of behavioral programs. Students will also have the opportunity to read seminal and current research literature on the topics.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

PSY 491 Internship in Psychology 1-4 Credits
Provides supervised work experience in an approved institution or agency in order for students to gain knowledge in applications of psychology. Placement is made in various community institutions and agencies that offer services to both exceptional and normal individuals. Prerequisite(s): senior psychology majors or minors.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 75 credits.

Arts and Entertainment Industries Management

Program Overview

Arts and Entertainment Industries Management (AEIM) combines passion for arts and entertainment with the business know-how that keeps these industries strong. Opportunities abound for satisfying and rewarding management careers in: music business, film & television, Broadway & regional theatre, professional dance, symphonies, galleries, and many more. With more than four million jobs in the AEIM field - ranging from music, Broadway, or film producer to entertainment lawyer, fund developer, touring manager or marketing executive - the industry needs you. For aspiring performing artists, AEIM is a smart compliment to your performance degree, as U.S. Labor statistics demonstrate that only 1/17th of 1% will make above poverty wage as a performer, while there are over 4.8M jobs on the management side of the industry. What better way to bolster your arts aspirations than with AEIM! With its comprehensive, dynamic curriculum options, Rider affords you the know-how to succeed in this and many other career paths!

Curriculum Overview

The degree requirements within Arts and Entertainment Industries Management (BA) incorporate a core curriculum of 33 credits, a selected path with either a Commercial/For-Profit or Non-commercial/Institutional focus of 9 credits, and a Commercial or Traditional/Institutional Emphasis of 12 credits based upon the path and arts discipline that interests you. Each emphasis incorporates studio or applied skills courses with historical and practical coursework. In addition, majors select elective courses which expand professional skills development beyond those specific to the Arts. Elective course selections range from public relations and communications to professional writing and other options housed beyond the School of Fine and Performing Arts.
Rounding out the degree are the general university requirements and a number of "free electives" which commonly are applied to minors or second majors in one of the arts disciplines or related administrative fields of interest (ie: marketing (https://rider-curr.courseleaf.com/undergraduate/colleges-schools/business-administration/majors-minors-certificates/marketing/), business administration (https://rider-curr.courseleaf.com/undergraduate/colleges-schools/business-administration/majors-minors-certificates/business-administration/), etc.).

Degrees Offered

- B.A. in Arts and Entertainment Industries Management: Commercial/For Profit Path
- B.A. in Arts and Entertainment Industries Management: Non-commercial/Institutional Path

Contact

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Associated Department: Performing Arts

Related Programs

- Popular Music Studies (p. 459)
- Theatre, including a BA in Musical Theatre option (p. 545)
- Dance and Dance Science (p. 144)
- Music and Music Education (p. 413)

Arts and Entertainment Industries Management Major Requirements

General Remarks

For all majors offered in the Theatre & Dance Department, students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

To satisfy the major, students must complete the following (54 credits):

- 33 credits from Required Core Courses (p. 40)
- 9 credits from courses in Path 1 or Path 2 (p. 40)
- 12 credits from courses in the Optional Emphasis which aligns with your selected Path (p. 41)

The remaining 66 credits will be earned through completing General Education Requirements (p. 1146) or elective courses. Elective course credits may be used to complete a minor or second major in one of the

arts disciplines or related field of interest (i.e., marketing, event planning and production, business administration, etc.

Required Core Courses

(33 credits)

Code	Title	Credits
Complete the following courses:		
AAD 121	Arts Management Foundations	3
AAD 202	Commun/Marketing in Arts	3
AAD 203	Arts Fundraising	3
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum [1]	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 309	Arts Events & Festivals Mgt	3
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 350	Arts Venue and Patron Services Management	3
AAD 401	New York Arts Network	3
Total Credits		**33**

1

AAD 225 is a 1-credit course and must be taken three times (Sophomore year Fall, Spring, and Junior year Fall sequence recommended) to satisfy the program requirement.

Select either Path 1 or Path 2

(9 credits)

Code	Title	Credits
Path 1: Commercial / For Profit		**9**
Complete the following courses:		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	
AAD 312	Deal-Making in Arts & Entertainment	
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	
Path 2: Non-Commercial / Institutional		**6**
Complete the following courses:		
AAD 307	Touring and Production Management	
AAD 491	Arts Management Internship	
Complete two AEIM Elective course options from the following: [1]		6
AAD 295	Art & Business of Entertainment	
AAD 306	Music Business	
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	
AAD 312	Deal-Making in Arts & Entertainment	
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	
BUS 210	Intro to Law: Contracts	
CIS 340	Electronic Commerce	
COM 107	Writing for the Media	
COM 212	Digital Publication Design	
COM 261	Introduction to Web Design	
COM 280	Issues in Event Planning	
COM 290	Professional/Strategic Speech	
COM 341	Public Relations Writing and Strategy	
COM 363	Converging Digital Media	
ENG 322	Grant Proposals, Fundraising and Development	
LDP 200	Foundations of Leadership	
MGT 201	Fund Management & Org Behavior	
MGT 310	Intro to Human Resource Mgmt	
MGT 346	Negotiation	
MGT 363	Management Skills	
MKT 330	International Marketing	
MKT 340	Personal Selling	
MUS 312	The Arts Abroad	
Total Credits		**21**

1

Students will choose the courses for this requirement during course selection.

Select one option from either the Commercial Emphasis (p. 41) or the Traditional/Institutional Emphasis (p. 41) that aligns with your selected Path

(12 credits)

Commercial Emphasis Options (Path 1)

Code	Title	Credits
Option 1: Music Industry (record labels, publishers, agencies, etc.)		
AAD 306	Music Business	3
AAD 307	Touring and Production Management	3
AAD 318	Music Publishing	3
AAD 491	Arts Management Internship	3
Option 2: Commercial Theatre (Broadway, Las Vegas, parks, cruise lines)		
AAD 307	Touring and Production Management	3
AAD 491	Arts Management Internship	3
AAD 295	Art & Business of Entertainment	3
One History of Broadway/Commercial Theatre course [1]		3
Option 3: Film and Television Industries		
AAD 295	Art & Business of Entertainment	3
FTV 230	Foundations of Film, Television and Radio	3
FTV 330	Documenting Cultures Through Travel	3
AAD 491	Arts Management Internship	3
Option 4: Sport Entertainment		
AAD 295	Art & Business of Entertainment	3
SPT 250	Introduction to the Business of Sports	3
COM 347	Sports Communication	3
AAD 491	Arts Management Internship	3

Traditional / Institutional Emphasis Options (Path 2)

(12 credits)

Code	Title	Credits
Option 1: Institutional Music (symphonies, operas, etc.)		
Select 3 credits in Music History from the following:		
MUS 105	Survey of Music History I	3

MUS 106	Survey of Music History II	3
MUS 204	Jazz History	3
MUS 205	History of Pop and Rock Part I	3
MUS 206	History of Pop and Rock Part 2	3
MUS 217	Black Music in America	3
Select 6 credits in Music Making or Performing courses from the following:		
MUS 116	Digital DJing	3
MUS 127	Pop, Rock & Hip-Hop Ensemble	1
MUS 128	Choir	1
MUS 129	Contemporary Vocal Ensemble	1
MUS 131	Beginning Piano I	2
MUS 132	Beginning Piano II	2
MUS 201	Skills Ensemble I	1
MUS 213	Digital Composition of Popular Music	3
MUS 216	Course MUS 216 Not Found	3
MUS 219	Course MUS 219 Not Found	3
MUS 220	Songwriting	3
MUS 301	Skills Ensemble II	1
Complete 3 credits in an industry-specific administrative internship:		
AAD 491	Arts Management Internship [1]	
Option 2: Institutional Theatre (regional theatres, touring, etc.)		
Select 3 credits in Theatre History from the following:		
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
THE 206	American Theatre History	3
THE 260	History of Style and Decor	3
Select 6 credits in Theatre Making and/or Performing from the following:		
THE 107	Acting I: Intro to Acting	3
THE 115	Stagecraft	3
THE 118	Visual Imagination	3
THE 127	Theatre Production	1
THE 290	Production II	3
THE 390	Production III [2]	3
THE 317	Scenic Design [2]	3
THE 318	Stage Lighting Design [2]	3
THE 319	Costume Design [2]	3
THE 325	Sound Design [2]	3
Complete 3 credits in an industry-specific administrative internship:		
AAD 491	Arts Management Internship [1]	3
Option 3: Dance (ballet and contemporary dance companies, etc.)		
Complete the following courses (4 credits):		
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 151	Pilates and Modern	1
Select 2 credits in dance studio courses from the following:		
DAN 100A	Ballet I [3]	1
DAN 100G	Jazz I [3]	1
DAN 100J	Modern Dance I [3]	1
Select 3 credits in a related Theatre course from the following:		
THE 107	Acting I: Intro to Acting	3
THE 118	Visual Imagination	3
Complete 3 credits in an industry-specific administrative internship:		
AAD 491	Arts Management Internship [1]	3
Option 4: Visual Arts (galleries, museums, etc.)		
Complete the following course (3 credits):		
ART 227	Gallery Management	3
Select one 3 credit Art History course from the following:		
ART 104	Survey of Art History I	3
ART 106	Survey of Art History II	3
ART 207	Medieval and Renaissance Art	3
ART 209	Art of the Baroque	3
ART 214	American Art	3
ART 303	19th Century Art	3
ART 306	Art of the 20th Century	3
Select 3 credits in Creating Art or Graphic Design from the following:		
ART 103	Fundamentals of Drawing	3
ART 105	Design	3
ART 150	Digital Foundations	3
ART 204	Fundamentals of Painting	3
COM 212	Digital Publication Design	3
COM 262	Graphic Imaging for Digital Media	3
COM 265	3D Graphic Animation	3
COM 361	Photography	3
Complete 3 credits in an industry-specific administrative internship:		
AAD 491	Arts Management Internship [1]	3

1

Two internships are required; one completed in your Path and one in your Emphasis selection.

2

This course has a prerequisite that must be met first.

3

Determination of placement in this level or a higher level will be made by the instructor.

Arts and Entertainment Industries Management Minor Requirements

(15 credits)

Any Rider University student may choose to pursue the Arts Administration minor. Interested students should declare the minor by completing a form available in the Department Office.

Code	Title	Credits
Required Courses		**9**
AAD 121	Arts Management Foundations	
AAD 202	Commun/Marketing in Arts	
AAD 203	Arts Fundraising	
AAD Electives		**6**
Select two (totaling 6 credits) of the following:		
AAD 204	Arts Outreach & Education	
AAD 295	Art & Business of Entertainment	
AAD 306	Music Business	
AAD 307	Touring and Production Management	
AAD 308	Legal Aspects of Arts & Entertainment	

AAD 309	Arts Events & Festivals Mgt	
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	
AAD 320	Course AAD 320 Not Found	
AAD 350	Arts Venue and Patron Services Management	
Total Credits		**15**

Academic Plans of Study

The following educational plans are provided as a sample only. Rider students who do not declare a major during their freshman year; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Commercial Emphasis Options - Path 1

Commercial Theatre Emphasis (p. 43)
Film and Television Industries Emphasis (p. 43)
Music Business Emphasis (p. 42)
Sport Entertainment Emphasis (p. 44)

Traditional/Institutional Emphasis Options - Path 2

Dance Emphasis (p. 45)
Music Institutions/Non-Commercial Emphasis (p. 45)
Theatre Emphasis (p. 46)
Visual Art Emphasis (p. 46)

Music Business Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
General Education credits		3
Free Elective credits		9
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**16**
Spring Semester		
AAD 225	Arts Administration Practicum	1
AAD 306	Music Business	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 318	Music Publishing	3
AAD 350	Arts Venue and Patron Services Management	3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
Free elective credits		6
	Semester Credit Hours	**12**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 312	Deal-Making in Arts & Entertainment	3
AAD 401	New York Arts Network	3
AAD 491	Arts Management Internship	3
Free Elective credits		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Commercial Theatre Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
AAD 295	Art & Business of Entertainment	3
General Education credits		3
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1

General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**16**
Spring Semester		
AAD 225	Arts Administration Practicum	1
General Education credits		9
Free Elective credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
A History of Broadway/Commercial Theatre Course TBD		3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
Free Elective credits		6
	Semester Credit Hours	**12**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 312	Deal-Making in Arts & Entertainment	3
AAD 401	New York Arts Network	3
AAD 491	Arts Management Internship	3
Free Elective credits		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Film and Television Industries Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
FTV 333	Media Program Development and Distribution	3
General Education credits		3
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 295	Art & Business of Entertainment	3
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	3
COM 330	Documenting Cultures Through Travel	3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
Free Elective credits		6
	Semester Credit Hours	**12**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 312	Deal-Making in Arts & Entertainment	3
AAD 401	New York Arts Network	3
AAD 491	Arts Management Internship	3
Free Elective credits		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Sport Entertainment Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		6
	Semester Credit Hours	**18**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
SPT 250	Introduction to the Business of Sports	3
General Education credits		3
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
Business of Sports Entertainment Course TBD		3
General Education credits		9
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
General Education credits		6
	Semester Credit Hours	**13**
Spring Semester		
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD 314	Arts/Entertainment Licensing, Distribution & Commerce	3
COM 347	Sports Communication	3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 310	Acquiring & Managing Talent in Arts & Entertainment Industries	3
AAD 322	Policy Perspectives on Arts & Entertainment	3
SPT Elective credits		3
Free Elective credits		3
	Semester Credit Hours	**12**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 312	Deal-Making in Arts & Entertainment	3
AAD 401	New York Arts Network	3
AAD 491	Arts Management Internship	3
Free Elective credits		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Dance Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
Dance Studio Course TBD		1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
Dance Studio Course TBD		1
General Education credits		9
	Semester Credit Hours	**14**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
Dance History course		3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD Elective credits		3
THE Elective credits		3
Free Elective credits		3
	Semester Credit Hours	**15**

Year 4		
Fall Semester		
Dance Studio Course TBD		1
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 491	Arts Management Internship	3
AAD Elective credits		3
Free Elective credits		3
	Semester Credit Hours	**13**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 401	New York Arts Network	3
Free Elective credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Institutional Music Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		6
Free Elective credits		3
Studio Music elective Credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**13**
Spring Semester		
AAD 225	Arts Administration Practicum	1
AAD 204	Arts Outreach & Education	3
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**16**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD Elective credits		3
General Education credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 491	Arts Management Internship	3
AAD Elective credits		3
Studio Music Elective credits		3
Music History Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 401	New York Arts Network	3
Free Elective Credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Theatre Institutional Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective Credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
General Education credits		6
Free Elective Credits		3
	Semester Credit Hours	**12**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective Credits		3
	Semester Credit Hours	**13**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective Credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1

AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
Theatre Studio Elective credits		3
General Education credits		6
Free Elective Credits		3
	Semester Credit Hours	**19**
Spring Semester		
AAD 307	Touring and Production Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD Elective credits		3
Theatre Technical Elective credits		3
Free Elective Credits		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 491	Arts Management Internship	3
AAD Elective credits		3
Theatre History Elective credits		3
Free Elective Credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 401	New York Arts Network	3
Free Elective Credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Visual Art Emphasis

Course	Title	Credits
Year 1		
Fall Semester		
AAD 121	Arts Management Foundations	3
General Education credits		9
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 202	Commun/Marketing in Arts	3
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
AAD 203	Arts Fundraising	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		3
	Semester Credit Hours	**13**
Spring Semester		
AAD 204	Arts Outreach & Education	3
AAD 225	Arts Administration Practicum	1
General Education credits		6
Free Elective credits		6
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
AAD 225	Arts Administration Practicum	1
AAD 315	Arts & Entertainment Industries Professional Development	3
AAD 350	Arts Venue and Patron Services Management	3
Studio Art Elective credits		3
General Education credits		6
	Semester Credit Hours	**16**
Spring Semester		
ART 227	Gallery Management	3
AAD 308	Legal Aspects of Arts & Entertainment	3
AAD Elective credits		3
Studio Art Elective credits		3
Free Electives		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Art History Elective credits		3
AAD 322	Policy Perspectives on Arts & Entertainment	3
AAD 491	Arts Management Internship	3
AAD Elective credits		3
Free Elective credits		3
	Semester Credit Hours	**15**
Spring Semester		
AAD 309	Arts Events & Festivals Mgt	3
AAD 401	New York Arts Network	3
AAD 312	Deal-Making in Arts & Entertainment	3
Free Elective credits		6
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

AAD 121 Arts Management Foundations 3 Credits
A survey course that investigates foundations of institutional vision & mission-building, strategic planning, governance, operations, marketing and fund development for institutions which create, produce and present arts & entertainment. Students conceptualize an arts and/or entertainment business and develop summary business plan and pitch. Though the nonprofit lens is prominent for purposes of understanding the role of fundraising, commonalities in governance, management, branding marketing, community engagement and other aspects relative to both nonprofit and for-profit arts sectors are explored.

AAD 202 Commun/Marketing in Arts 3 Credits
Intended for arts or business majors interested in arts management, this course immerses students in the fundamentals of promoting the arts, from grassroots public relations to basic marketing concepts and applications. Students will have opportunities to interact with professionals in the field and explore career options.
Prerequisite(s): AAD 121 and CMP 125, or permission of instructor.

AAD 203 Arts Fundraising 3 Credits
Provides students with an understanding of the ethics, strategies and practices of fundraising for non-profit arts agencies. Students gain an understanding of the role of the development office in a non-profit arts agency, prepare for careers in arts management by increasing the skills necessary to function, and learn to plan a multi-faceted fundraising campaign effectively.
Prerequisite(s): CMP 120 or CMP 125.

AAD 204 Arts Outreach & Education 3 Credits
This course examines essential educational components of arts institutions, how they evolve and are produced, and will assess the importance of educational programming to arts organizations and the communities they serve.
Prerequisite(s): AAD 121.

AAD 225 Arts Administration Practicum 1 Credits
Under faculty advisement and project site supervision, students complete a total of three, 1-credit (33-hour) "mini-internships" or practicum projects in service to the field, sequentially in the Sophomore Fall, Sophomore Spring, and Junior Fall semesters, simultaneous to Arts Administration Lab. The first practicum project is in connection with Box Office and Patron Service to Rider Performing Arts. The second is in connection with a project of the student's choosing in service to the arts on campus or beyond. The third is in connection with a project of the student's choosing in service to the field in an outside, professional setting.
Prerequisite(s): AAD 121.

AAD 295 Art & Business of Entertainment 3 Credits
Students explore traditional and emerging models in entertainment and the impacts which social media, online service and other emerging platforms continue to have on the evolution of the industry. Students will identify and define pivotal functions and functionaries across all sectors who apply innovation, effective leadership and essential skills to produce and distribute various forms of entertainment to the masses. Through the application of a "wheel of fortune" research & analysis approach to each commercial entertainment sector, students will come to understand the multiple aspects of each (film, television, media, commercial theatre and entertainment in sports), the people who drive them and the critical functions which they serve.
Prerequisite(s): AAD 121, AAD 202 and AAD 203.

AAD 306 Music Business 3 Credits
Survey of the music business. Responsibilities of the label and producer, copyrights, royalties, residuals, publishing, contracts and artist development, promotion, distribution, product management, domestic and international licensing, and related technology.
Prerequisite(s): AAD 121.

AAD 307 Touring and Production Management 3 Credits
Organizing, marketing and managing tours. Responsibilities of the booking agent, tour manager, and performers. Case studies, relationships, contracts with venues, transportation companies, housing, and unions, budgeting, press kits, and insurance.
Prerequisite(s): AAD 121 or permission of instructor.

AAD 308 Legal Aspects of Arts & Entertainment 3 Credits
A survey of legal issues in the arts and entertainment industries, examining the relationship between arts and the law – from cultural property rights to intellectual property, copyright and beyond.
Prerequisite(s): AAD 121.

AAD 309 Arts Events & Festivals Mgt 3 Credits
Students learn to develop, produce, and staff successful arts events while refining planning skills through practice with theoretical and real arts event venues and participating in the production and management of actual events.
Prerequisite(s): AAD 121.

AAD 310 Acquiring & Managing Talent in Arts & Entertainment Industries 3 Credits
This course teaches foundations of professional talent management and explores the many ways by which the role of today's artist manager has evolved and expanded, particularly in an era of "independent" artists seeking managers who can act as CEO's. The course explores the many facets which an artist manager oversees, from launching an artist's career to building a successful and enduring business and fan base. Topics of exploration include talent acquisition, the artist/manager partnership, contracts, strategic planning, branding and more relating to managing all key aspects of an artist's career. Students will gain deep understanding of the dynamic roles which managers and agents play in the entertainment business as the "backbone of our industry" and of the pathways to career success as artist managers & representatives. Aspiring artists will find guidance in self-management and choosing the right partners. Other aspiring entertainment professionals will learn how to effectively engage with artist managers & agents as essential components in the broader ecology of professional arts & entertainment.

AAD 312 Deal-Making in Arts & Entertainment 3 Credits
This course explores all practical aspects of deal-making in commercial entertainment and the art of negotiation as the catalyst for success. Through forensic analysis & discussion of multiple types and structures of short and long-form agreements and the wide variety of provisions to be found therein, students will gain knowledge of key legal, historical, discipline-specific and industry-wide contexts of deal-making. Readings and lectures will focus on the nuts and bolts of negotiation – from essential research processes to finding and exercising bargaining power to knowing when to compromise and when to withdraw. Skills gained will be exercised through role-play, writing and ongoing analysis of peer and professional contracts. Students will gain and exercise deep understanding of agreements across multiple disciplines and the common elements therein including agency, personal management, personal appearance, merchandising, endorsements, creative ownership and union influence will be explored, as well as the unique characteristics which apply to distinct disciplines. For Arts & Entertainment Industries Management majors or minors only except by permission of Dean.

AAD 314 Arts/Entertainment Licensing, Distribution & Commerce 3 Credits
Licensing, distribution and commerce associated with creative output powers nearly every aspect of the arts and entertainment industries as significant brand builders and revenue-generators for intellectual property owners and producers. This course delivers foundational knowledge of the many ways by which music, theater, dance film and other media are licensed for commercial use or otherwise distributed directly to vendors and consumers. Discussion encompasses the various types and purposes of license, key points of negotiation, parties, agreements and business constructs involved in licensing and distribution deals across multiple entertainment sectors, including key elements relating to effective commerce and merchandising of same. Through readings, lectures and case-based analysis students will study the means of directly and indirectly getting works and ancillary content out into the marketplace, as well as the risks and rewards that may result. Through comparative analysis of traditional and contemporary professional agreements, students will come to understand how licensing and distribution contracts, modalities, administration and payments have evolved, and what the future holds for this vital engine of the arts & entertainment industries.

AAD 315 Arts & Entertainment Industries Professional Development 3 Credits
Arts & Entertainment Industries (AEIM) Professional Development is designed to prepare AEIM majors for successful internship and career placement, growth and development. Through this course, AEIM majors will engage in best possible selves vision mission goals and objectives-setting, transferrable skills identification and articulation, resume development, informational and formal interview skills practice and application as well as refine and package their individual portfolios comprised of final projects/portfolios from several prior courses. These and other assets, including personal web-page and social media profile work and editorial bio, will be developed in the creation of a comprehensive professional "toolkit" of assets to aid in their pre-professional and professional career pursuits. Over the course of a semester, students will work on professional communication skills including public speaking, writing, and corresponding etiquette, and interviewing techniques for both in-person and virtual meetings. Students will explore their own strengths and weaknesses through industry-leading personality and professional skills and traits analyses and how to apply them to maximal effect. Industry guests from all arts disciplines will afford "real-world" perspectives and build networking capacity. Restricted to AEIM Majors, Junior standing or above.

AAD 316 Data Analytics in Commercial Entertainment 3 Credits
Data analytics is a driving force of today's entertainment industry as companies face new business models for creating, marketing and distributing creative output to consumers who access content anywhere, at any time and on any device. It is transforming businesses, social interactions and how entertainment is marketed and consumed. With the explosion of social media, entertainment streaming platforms and online distribution, the amount of data available has reached unprecedented levels. Hiring skilled people who know how to collect and interpret big data is crucial. This course explores the many ways by which data is used to develop detailed understanding of consumer preferences and behaviors, inform production, advertising and distribution strategies, forecast performance and help increase efficiency. Students will learn how to retrieve, analyze and apply data for successful outcomes in today's entertainment industry, helping companies seize upon ever-expanding opportunities to utilize data to identify and understand new audiences, increase content exposure and identify new products and services.
Prerequisite(s): Arts & Entertainment Industries Management majors or minors only except by permission of Dean. AAD 121, AAD 202.

AAD 318 Music Publishing 3 Credits
This course teaches foundational concepts, context, tools, and function of music publishing as an essential force in today's ever-evolving music industry. Students examine the many roles which the music publisher plays in the acquisition, market development and administration of copyrighted musical works. Through case-based analysis of the inner workings of major, independent and self-owned music publishing companies, students will gain understanding of the depth, breadth and scope of this fascinating aspect of the business. Discussion will encompass the fundamentals of copyright, types of publishing deals, income streams, registrations and collection, foreign sub-publishing deals, and the rights and royalties applicable to copyrighted musical work. Students will also learn how music is licensed for use in film, television, advertising, theatrical performance, game and other forms of interactive media, as well as an overview of the administrative aspects of these uses and the ways by which legislative action impacts opportunities and earnings of copyright holders. Lastly, students will explore the creative and administrative responsibilities involved in establishing their own music publishing company.

AAD 322 Policy Perspectives on Arts & Entertainment 3 Credits
This course delivers foundational knowledge of the historical evolution, current state, and anticipated future of legislative actions, general policies and protocols impacting the many diverse components of arts and entertainment. Students will gain understanding of the several stakeholders, advocates and allies involved in the process of shaping policy and effectuating legislation, from lobbyists and industry leaders to politicians and the constituents whom they represent. Discussion will also encompass the expanding role and reach of the internet and streaming services which have often driven, and too often outpaced legislative agendas, putting the rights and benefits of intellectual property owners at risk through inequitable compensation practices, usurping of rights and expanding of global piracy. Case-based analysis will afford insight into current and anticipated lobbying agendas, legislative action (or inaction) on Capitol Hill, resolutions in process and recent legislation in action. Students will create an advocacy campaign around a pertinent issue facing arts & entertainment today, and strategize an effective lobbying process in order to gain direct insight and inspiration to become lifelong agents for change.
Prerequisite(s): Arts & Entertainment Industries Management majors or minors only except by permission of Dean. AAD 121, AAD 308.

AAD 350 Arts Venue and Patron Services Management 3 Credits
Integrating workplace with organizational mission: administration, staff, general public, artists. Internal control, artist/employee contracts, collective bargaining, health and safety issues, facilities operation, inventory, cultivation and maintenance of clientele and audience.
Prerequisite(s): AAD 121.

AAD 351 Crossing Cultural Borders 3 Credits
Course includes two weeks at an international arts organization, meeting and shadowing administrative staff, studying management styles, finance, and operational procedures, and attending all possible events during the visit. Travel fee required. May be repeated.
Prerequisite(s): Junior standing.

AAD 375 Special Topics: Arts Admin 3 Credits
Intensive study or activity in a specific area of Arts Administration. The content will vary with social/cultural events and/or interests and qualifications of the professor. May be repeated for credit. Fee may be required.
Prerequisite(s): AAD 121 or CBA 110 or permission of instructor.

AAD 401 New York Arts Network 3 Credits
Students learns how arts institutions of varying scope, size and function and how administrators keep them running by spending focused, intensive time with them on their own turf.
Prerequisite(s): AAD 121, AAD 202 and AAD 203.

AAD 490 Independent Research and Study 1-4 Credits
This self-motivated, self-directed course culminates in a complete project. The student and the faculty advisor will mutually develop the scope of each project. It will be designed to demonstrate the student's entrepreneurial skills and provide an opportunity for practical application of the curriculum.
Prerequisite(s): AAD 202, AAD 203, and either AAD 121 or CBA 110.

AAD 491 Arts Management Internship 3-12 Credits
Arts Administration majors are required to spend 13 weeks of on-site participation in a broad range of daily operations at an internship site. In addition, there are group meetings with all students participating in internships and site-analysis assignments given under the direction of Arts and Sciences faculty. Students may enroll for a maximum of 6 credits of internships.
Prerequisite(s): Junior standing.

Behavioral Neuroscience

Program Overview

The Behavioral Neuroscience major educates the next generation of scientists with a foundation in biological sciences and behavioral neuroscience. Students in the behavioral neuroscience major are prepared to join the workforce or attend professional or graduate school. Rider achieves this through small class and laboratory sizes allowing direct, hands-on instruction, and faculty accessibility. Students also have opportunities to do research with faculty via work study or independent study. Each student is assigned a faculty advisor who provides academic advice and career guidance tailored to the student's needs. Areas of professional and graduate study include medical, dental, and veterinary school; allied health programs in optometry, podiatry, physical therapy, occupational therapy, nursing; as well as programs leading to M.S. or Ph.D. degrees in the life sciences; and programs in science education.

Many graduates of the Behavioral Neuroscience program have pursued graduate studies at prestigious institutions including Johns Hopkins University, University of Pennsylvania, Dartmouth College and Cornell University. Others have entered medical school, or have gone on to become educators, surgical assistants, marine biologists, mental health technicians, nurses, behavioral therapists, occupational therapists or physical therapists.

Curriculum Overview

The curriculum for majors has been shaped to prepare students for a life of learning in the sciences. Students are expected to gain knowledge, and develop technical and analytical skills and competency in writing and speaking. Classes include coursework focused on the principles of evolution and diversity, neuroscience, and psychology, among other courses. Rider's faculty are research-oriented, and encourage students to take advantage of the opportunity to engage in internships and research by doing work study, an independent research project and/or a senior thesis. Students also have the opportunity to take part in a three-week internship course through the Capital Health System Hospitals, summer research and other off-campus internships.

Student Learning Outcomes

Graduates of the Behavioral Neuroscience major will be able to:

1. Explain foundational concepts in biological sciences.
2. Apply scientific methods of inquiry through testing of newly formed hypotheses with observation and experimentation.
3. Apply concepts from other disciplines in the analysis and interpretation of biological information.
4. Demonstrate the ability to locate, critically analyze, and communicate relevant scientific information.
5. Explain the ethical practice of scientific research and its societal applications.

Honors Programs

Honors in Behavioral Neuroscience

The objective of the honors program in Behavioral Neuroscience is to introduce talented undergraduate majors to the methods of basic research in behavioral neuroscience. Qualified biology or behavioral neuroscience majors may participate in the Departmental Honors program. For consideration, a student must have at least a 3.25 overall grade point average at the end of their junior year. In the senior year, a student seeking Honors must write and orally defend a written honors thesis based upon their independent research. A candidate who has a 3.25 cumulative average, a 3.5 average in their science courses, and who has completed an acceptable Honors Thesis, will be awarded Honors in Behavioral Neuroscience upon graduation.

Beta Beta Beta Biological Honor Society

"Tri-Beta" is a national honor society affiliated with the American Association for Advancement of Science and the American Institute of Biological Sciences. Invitations for membership are extended to majors in the life sciences who have demonstrated superior academic achievement. Students are usually invited to join in their sophomore year when they have accumulated 12 credits in the sciences. Active membership is available to those with an overall grade point average of at least 2.8, and at least 3.0 in their science courses. The benefits of membership include academic recognition; a subscription to the journal *Bios*, to which members may submit research articles; opportunities to present papers at conventions; and research awards.

Behavioral neuroscience majors should make membership in Tri-Beta one of their goals.

Pre-medical and Pre-allied Health Advising Programs

The pre-medical studies and pre-allied health advising programs assist students with academic and extra-curricular planning required to become competitive applicants for programs in the health professions.

Rider and Thomas Jefferson University have a long-standing articulation agreement for students who wish to pursue training in the allied health professions. This agreement does not guarantee admission of Rider students into Jefferson's programs; it does mean that Rider faculty members are familiar with Jefferson's academic requirements and that Rider's courses are eligible for transfer to Jefferson.

Rider University offers students with baccalaureate degrees the opportunity to take the undergraduate science course prerequisites for medical, dental, veterinary or graduate school. For more information, visit the Premedical Studies (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/programs-opportunities/pre-med/) page.

Degrees Offered

- B.S. in Behavioral Neuroscience

Contact

Paul Jivoff, Ph.D.

Professor and Chairperson

Department of Biology and Behavioral Neuroscience

School of Science, Technology and Mathematics

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Program Website: Behavioral Neuroscience (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/behavioral-neuroscience/)

Associated Department: Department of Biology and Behavioral Neuroscience (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/biology-behavioral-neuroscience-health/)

Related Programs

- Biology (p. 83)
- Biochemistry (p. 79)
- Chemistry (p. 104)
- Geology (p. 290)
- Environmental Sciences (p. 246)
- Health Sciences (p. 319)
- Marine Sciences (p. 380)
- Mathematics (p. 399)
- Physics (p. 445)
- Psychology (p. 461)
- M.A. in Applied Psychology (p. 1460)

Major Requirements

(51-54 credits)

Departmental Course Repeat Policy (p. 52)

Code	Title	Credits
Required Courses:		
Biology		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab [1]	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab [1]	4
Behavioral Neuroscience		
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab [1]	4
Select two of the following:		8
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Select one of the following		
PSY 100	Introduction to Psychology	3
or BNS 107	Life Science: Brain and Behavior	
Mathematics		
MTH 105	Algebra and Trigonometry [2]	4
or MTH 106	Precalculus	
Select one of the following:		3-4
BNS 250 & 250L	Biostatistics and Biostatistics Lab [2]	
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab [2]	
PSY 201	Statistics and Research Design (requires PSY 105 prerequisite) [2]	
Chemistry		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Biology/Psychology Electives		
Select two (2) of the following:		6-8
Upper-level Biology Course		
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 265 & 265L	Genetics and Genetics Lab	

BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Animal Physiology and Animal Physiology Lab	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 350 & 350L	General Ecology and General Ecology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
Any PSY 200-level or higher course		
Additional Electives		
Select one (1) of the following:		4
Any additional BNS 300-level course with a lab		
Any PSY 300-level course with a lab		
Any BCH 200 or higher course with a lab		
Senior Capstone Seminar		
BNS 415	Seminar in Behavioral Neuroscience	3
Total Credits		**51-54**

1

Students must earn a grade of "C" or better in this course to meet the major requirements and before enrolling in upper-level courses for which these courses are prerequisites.

2

Students must place into MTH 105 Algebra & Trigonometry or higher level mathematics in order to register for BIO 115, BIO 116 and BNS 275.

Department of Biology, Behavioral Neuroscience, and Health Sciences Course Repeat Policy

The following guidelines apply to courses offered by the Department of Biology, Behavioral Neuroscience, and Health Sciences. Students may repeat any biology (BIO), behavioral neuroscience (BNS), health sciences (HSC) or exercise science (EXS) course once without special permission unless they received an unsatisfactory grade (C-, D, F). With an unsatisfactory grade, students need permission from the dean's office to repeat a class. They can not register on their own on myRider. Students should email casdean@rider.edu **and the department chair to request permission to repeat a course. A course will be considered repeated if the student has previously earned a letter grade in the course, or if the student has previously withdrawn from the course after the Friday of the seventh week of classes (previously Withdrawal II or Withdrawal III). To take a biology, behavioral neuroscience, health science, or exercise science course for a third time, written permission must be obtained from the dean's office and the department chair before the registrar will allow the student to enroll in that course.**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3

CHE 121	Principles of Chemistry Lab	1
MTH 105	Algebra and Trigonometry [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CMP 125	Seminar in Writing and Research	3
Social Perspectives		3
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab	4
BNS 250 & 250L	Biostatistics and Biostatistics Lab	4
PSY 100	Introduction to Psychology	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**14**
Spring Semester		
BNS 310 & 310L	Neurobiology and Neurobiology Lab	4
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab [3]	4
HIS 151	World History Since 1500	3
Foreign Language		3
Elective course [2]		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
Upper-level Neuroscience (select one)		4
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Social Perspectives		3
Foreign Language		3
Philosophical Perspective		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**16**
Spring Semester		
Biology/Psychology Elective (select one)		3-4
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Animal Physiology and Animal Physiology Lab	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 350 & 350L	General Ecology and General Ecology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
Any 200-level PSY course		
Aesthetic Perspectives: Literature		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15-16**
Year 4		
Fall Semester		
Upper-level Neuroscience		4
BNS 360 Neurochemistry or BNS 375 Neuroethology		
Four Elective Courses [2]		12
	Semester Credit Hours	**16**
Spring Semester		
Biology/Psychology Elective		3-4
BNS 415	Seminar in Behavioral Neuroscience	3
Three Elective Courses [2]		9
	Semester Credit Hours	**15-16**
	Total Credit Hours for Graduation	**122-124**

1 For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2 Elective credits may be used to complete requirements in a second major or minor.

3 Natural and Physical Sciences and Mathematics core requirements are included in the major.

Courses and Descriptions

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BNS 250 Biostatistics 4 Credits
This course will assist students with acquiring the skills necessary to design, conduct, and interpret research studies. Emphasis will be on learning how to develop experimental designs to translate theoretical concepts into testable hypotheses. Experiments conducted during laboratory sessions will use laboratory mice and will use equipment for measuring animal behavior. Students will gain experience collecting, analyzing, writing and orally presenting their research results. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 105 or higher or placement into MTH 210, grade of "C" or better in one lab science course.
Corequisite(s): BNS 250L.

BNS 250L Biostatistics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequiste(s): BNS 250.

BNS 275 Behavioral Neuroscience 4 Credits
An introductory behavioral neuroscience course including basic neuroanatomy and neurophysiology of movement, ingestive, reproductive, emotional, and learning behaviors. Emphasis is on the structure/function relationships that allow animals to make appropriate physiological and behavioral responses to the environment. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 & BIO 116.
Corequisite(s): BNS 275L.

BNS 275L Behavioral Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 275.

BNS 310 Neurobiology 4 Credits
A lecture-laboratory course investigating the structure and function of the nervous system. Lecture topics include organization of the nervous system, neuroanatomy, neurophysiology, neurochemistry, physiology of sensory systems, biological aspects of nervous system diseases, and behavior. Laboratory exercises include study of anatomy of the nervous system, nerve cell recording, modern neuroanatomical techniques, and the neural basis of animal behavior. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course. Corequiste(s): BNS 310L.

BNS 310L Neurobiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course. Corequiste(s): BNS 310.

BNS 360 Neurochemistry 4 Credits
Examines the fundamentals of neurochemistry, including the neuroanatomical distribution, pharmacology, and functions of neurotransmitters; signal transduction pathways; behavioral and physiological effects of chemicals either used therapeutically to treat biopsychological disorders or that may be abused for their psychotropic effects; and mechanisms and models for the study of drug action. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116, CHE 122, CHE 123 with a grade of C or better in each course.
Corequisite(s): BNS 360L.

BNS 360L Neurochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequiste(s): BNS 360.

BNS 375 Neuroethology: Circuits of Behavior 4 Credits
Neuroethology is the study of the neural and physiological basis of animal behavior. This course focuses on the specific behavioral problems faced by animals in their natural habitats, and the ways in which their nervous systems solve these problems. The mechanisms that underlie complex behaviors such as spatial orientation and navigation, escape mechanisms, and animal communication will be examined, as well as the extraordinary sensory adaptation of organisms to their environments (e.g., echolocation, electroreception, and magnetic reception). The neural control of motor programs and temporally-patterned behaviors will be studied in simpler neuronal systems. Finally, recent cellular and molecular approaches to the study of behavior will be addressed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course.
Corequisite(s): BNS 375L.

BNS 375L Neuroethology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 375.

BNS 415 Seminar in Behavioral Neuroscience 3 Credits
Critical analysis of the scientific literature pertaining to current topics in behavioral neuroscience. Topics include mechanisms through which the brain influences physiology and behavior and the integration of nervous and endocrine systems. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 or BNS 118, BIO 117, junior standing and permission of instructor.

BNS 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BNS 491 Internship in Behavioral Neuroscience 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Biochemistry

Program Overview

Students in the biochemistry major will find themselves taking part in small classes that encourage close and frequent interaction between students and professors, helping to create a stimulating learning environment.

Students in this major are offered abundant research opportunities (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/student-research/) both during the academic year and during the summer months. Faculty are engaged in research projects which lend themselves to undergraduate participation. In tackling the challenge of advanced and independent laboratory work, students begin to understand the nature of science and the scientific method.

Participation in research by all students is strongly encouraged, as it builds a greater appreciation of the nature of their chosen field. The opportunity to perform independent research has motivated many students to continue their education either in an accredited graduate program or in a professional school in a number of medical fields.

Often, faculty and students jointly present their research results at national professional meetings, the Rider Independent Scholarly Research & Creative Activities Presentations (ISCAP) Day, or as written research papers submitted to scholarly journals.

Curriculum Overview

Core chemistry classes include one year of general chemistry, one year of organic chemistry, one year of biochemistry, three semesters of general biology and courses in quantitative analysis, physical chemistry and genetics.

Students also must earn advanced course credits at the 300 level or above in chemistry, biochemistry, biology or behavioral neuroscience. Independent research, BCH 490, is also a requirement of the biochemistry major.

Student Learning Outcomes

Graduates of the Biochemistry major will demonstrate the ability to:

1. Apply their chemical knowledge and make predictions about the outcome of fundamental chemical processes.
2. Generate and interpret raw data from standard research instrumentation and computational tools.
3. Utilize databases to locate relevant primary literature articles and evaluate the validity of resources.
4. Communicate data and advanced chemical concepts via meaningful and effective representations in both oral and written forms.

Degree Offered:

- B.S. in Biochemistry

Contact

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Program Website: Biochemistry (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/biochemistry/)
Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related programs:

- Chemistry (p. 104)

Biochemistry Major Requirements

(70 credits)

Code	Title	Credits
Required Courses:		
Biology		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
BIO 265	Genetics	4
Chemistry		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
CHE 305	Physical Chemistry I	3
BCH 325	Biochemistry	3
BCH 326	Biochem and Enzymology I Lab	1
BCH 4XX - Advanced 400-level Biochemistry Elective		3
BCH 430	Advanced Lab Techniques in Biochemistry.	1
BCH 490	Independent Study: Research and Creative Expression	3
Mathematics		**8**
MTH 210	Calculus I	
MTH 211	Calculus II	
Physics		**8**
PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 201 & 201L	General Physics II and General Physics II Lab	
Upper Level Electives		**4**
Students must take 4 more credits of upper level courses. These are courses at 300 level or above in BCH, CHE, BNS, or BIO (excluding extra credits in Independent Research and Study). At least one of the four credits must be connected to a laboratory course.		
Total Credits		**70**

Students wishing an ACS-certified degree in Biochemistry will need to take at least one additional course and four additional lab credits in chemistry or biochemistry. The additional requirements should be discussed with their academic advisor and/or the Department Chair.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are

in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 210	Calculus I [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115	Principles of Biology I	4
BIO 115L	Principles of Biology I Lab	0
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
MTH 211	Calculus II	4
CMP 125	Seminar in Writing and Research	3
BIO 116	Principles of Biology II	4
BIO 116L	Principles of Biology II Lab	0
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
CHE 211	Organic Chemistry I	4
CHE 211L	Organic Chemistry I Lab	0
BIO 260	Principles of Biology: Evolution, Diversity, and Biology of Cells	4
BIO 260L	Principle of Biology: Cells Lab	0
HIS 150	World History to 1500	3
Social Perspectives		3
	Semester Credit Hours	**14**
Spring Semester		
CHE 214	Organic Chemistry II	4
CHE 214L	Organic Chemistry II Lab	0
BIO 265	Genetics	4
BIO 265L	Genetics Lab	0
HIS 151	World History Since 1500	3
Social Perspectives		3
Philosophical Perspectives		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
BCH 325	Biochemistry	3
BCH 326	Biochem and Enzymology I Lab	1
PHY 200	General Physics I	4
PHY 200L	General Physics I Lab	0
CHE 250	Quantitative Analysis and Statistics Methods	4
CHE 250L	Quantitative Analysis and Statistical Methods Lab	0
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
BCH 400	Advanced Biochemistry.	3
BCH 430	Advanced Lab Techniques in Biochemistry.	1
PHY 201	General Physics II	4
PHY 201L	General Physics II Lab	0
Aesthetic Perspectives: Literature		3
Foreign Language		3
Elective Course [2]		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
CHE 305	Physical Chemistry I	3
BCH 490	Independent Study: Research and Creative Expression	3
Advanced Biochemistry Elective Course		3-4
Aesthetic Perspectives: Fine Arts		3
Elective Course [2]		3
	Semester Credit Hours	**15-16**
Spring Semester		
Advanced Biochemistry Elective Course		3-4
BCH 490	Independent Study: Research and Creative Expression (Optional but suggested.)	1-4
Three Elective Courses [2]		9
	Semester Credit Hours	**13-17**
	Total Credit Hours for Graduation	**121-126**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or a minor.

Courses and Descriptions

BCH 325 Biochemistry 3 Credits
Outlines the chemistry and biological function of carbohydrates, proteins, lipids, nucleic acids, vitamins, and enzymes, and introduces enzyme kinetics and biological energetics. Degradative metabolic pathways of carbohydrates and lipids, and their controlled interrelationships are discussed in detail.
Prerequisite(s): CHE 122, CHE 214 with a minimum grade of D.

BCH 326 Biochem and Enzymology I Lab 1 Credits
The laboratory work illustrates techniques and methods essential to the biochemist. Methods for quantification of proteins, purification of enzymes and determination of their kinetic parameters, polarimetry, and structure proof of carbohydrates. The lab must be taken concurrently with BCH 325 by biochemistry and biology majors, but is optional for others.
Prerequisite(s): CHE 123, CHE 214.

BCH 400 Advanced Biochemistry. 3 Credits
Continuation of Biochemistry I. Includes molecular analysis of biological membrane structure and function and a molecular level analysis of information flow from DNA through RNA to proteins. Other topics include mechanisms of hormone action and an expansion on metabolic concepts.
Prerequisite(s): BCH 325.

BCH 410 Metabolism and Bioenergetics 3 Credits
An examination of principles of energetics and chemical transformations as they pertain to metabolism. Students will explore general issues of bioenergetics and will delve into biochemical pathways of catabolism and anabolism of biological molecules, including key nutrients, and xenobiotic compounds, including drugs and toxins. Attention will be placed on the enzymes and cofactors that mediate critical metabolic transformations, and students will use the scientific literature to investigate mechanisms of regulation and integration of metabolic pathways as well as consequences of aberrant enzyme function to human disease.
Prerequisite(s): BCH 325.

BCH 415 Signal Transduction 3 Credits
Cells in multicellular organisms are in constant communication with each other. One way that cells communicate is through the sharing of chemical signals through a process called “signal transduction.” In this course, we will study the basic biochemical principles of signal transduction to better understand life on a molecular level. Topics to be covered include a broad overview of signal transduction mechanisms, including basic receptor theory and the use of second messengers; investigations into specific signaling strategies, including signaling via receptor ion channels, G protein-coupled receptors, and nuclear hormone receptors; and examinations of cellular mechanisms used to coordinate signaling spatially and temporally. Special focus will be placed on roles of signal transduction pathways in health and disease.
Prerequisite(s): BCH 325.

BCH 425 Medicinal Chemistry 3 Credits
A comprehensive description of the important principles of medicinal chemistry including principles of rational drug design with synthetic strategies, mechanisms of drug actions, structure-activity relationships, the absorption, distribution, metabolism and elimination of drugs. Specific classes of drugs to be discussed include: anticancer agents, analgesics, anti-inflammatory drugs, steroids, drugs acting on the nervous system and antibiotics.
Prerequisite(s): BCH 325 or permission of instructor.

BCH 430 Advanced Lab Techniques in Biochemistry. 1 Credits
Methods of protein analysis, building on techniques and principles learned in BCH 326. Students will use bioinformatics and molecular biological techniques, including PCR, to harness and change protein sequence. They will implement modern protein purification techniques, develop enzyme essays, and perform equilibrium binding assays to investigate the relationships among protein sequence, structure, and function.
Prerequisite(s): BCH 326.

BCH 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurement, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 260 Principles of Biology: Evolution, Diversity, and Biology of Cells 4 Credits
Lectures and labs focus on basic cell biology. Cell diversity and function, genetics and biotechnology are emphasized. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115/115L and BIO 116/116L or BIO 115, BIO 117, (BNS 118 or BNS 275).
Corequisite(s): BIO 260L.

BIO 260L Principle of Biology: Cells Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 260.

BIO 265 Genetics 4 Credits
A comprehensive course focusing on molecular, Mendelian, and population genetics. Topics covered will include molecular advances in the study of genetics, including genomics and bioinformatics; evolution and the effects of genetic mutations; the application of population genetics to forensic science; genetic problem solving, including genetic crosses and statistical analysis; and regulation of gene expression. The laboratory for this course will introduce students to commonly used genetic model organisms and basic molecular biology techniques. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265L.

BIO 265L Genetics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

CHE 211 Organic Chemistry I 4 Credits
The structure, chemical properties, and methods of preparation of the more important classes of carbon compounds are studied, with an emphasis on the relationship of structure, stereochemistry, and conformation to chemical reactivity. The preparation and reactivity of organic functional groups is introduced. The use of infrared and nuclear magnetic resonance spectroscopy, and mass spectrometry for elucidating structures of organic molecules is discussed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 120, CHE 121.
Corequisite(s): CHE 211L.

CHE 211L Organic Chemistry I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 211.

CHE 214 Organic Chemistry II 4 Credits
A continuation of Chemistry 211, emphasizing the mechanism of organic reactions, structural interpretations of properties, preparations, reactivity and identification of organic compounds. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): CHE 211 and CHE 211L.

CHE 214L Organic Chemistry II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 214.

CHE 250 Quantitative Analysis and Statistics Methods 4 Credits
This course will provide a deeper exploration of topics in chemistry that are steeped in numerical analysis. These topics include advanced analysis of equilibrium systems, acid-base systems and electrochemical systems. Additional detail will be given to methods of chemical measurement, statistical methods of data analysis and determination of data validity and reliability. Both lecture and laboratory will show an emphasis on using computer-based tools to analyze experimental data. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 122 & CHE 123
Corequisite(s): CHE 250L.

CHE 250L Quantitative Analysis and Statistical Methods Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 250.

CHE 305 Physical Chemistry I 3 Credits
The mathematic and conceptual foundations of physical chemistry will be introduced with an over-arching theme of determination of energy allocation within atomic and molecular systems. Topics will include determination and measurement of energy states in atoms and molecules, simple quantum mechanical systems, distribution of energies and the connection to thermodynamic quantities, the three laws of thermodynamics, spontaneity, equilibrium and experimental kinetics.
Prerequisite(s): CHE 122, CHE 214, MTH 211, PHY 201.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

MTH 211 Calculus II 4 Credits
The definite integral, differentiation of transcendental functions, methods of integration and approximate integration, determination of area, volume, and surface area.
Prerequisite(s): MTH 210 with a grade of C or higher.

PHY 200 General Physics I 4 Credits
Introductory classical physics; Newtonian mechanics, including the conservation laws, wave motion, gravity, thermodynamics. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 210 or concurrent enrollment
Corequisite(s): PHY 200L.

PHY 200L General Physics I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 200.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

PHY 201L General Physics II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 201.

Biology B.S. / Biology B.A.

Program Overview

Rider's biology major educates the next generation of scientists by providing students with a foundation in the life sciences that prepares them to join the workforce or attend professional or graduate school. Rider achieves this through small class and laboratory sizes allowing direct, hands-on instruction, and faculty accessibility. Students also have opportunities to do research with faculty via work study or independent study. Each student is assigned a faculty advisor who provides academic advice and career guidance tailored to the student's needs. Areas of professional and graduate study pursued by students in this major include medical, dental, and veterinary school; allied health programs such as optometry, podiatry, physical therapy, occupational therapy and nursing; programs leading to M.S. or Ph.D. degrees in the life sciences; and programs in science education.

Graduates of the biology program have pursued their graduate studies at prestigious institutions such as John Hopkins University, Cornell University, Princeton University, University of North Carolina at Chapel Hill, University of Pennsylvania, Harvard University, Dartmouth College and The Scripps Research Institute, among others.

Bachelor of Science Curriculum Overview

The curriculum for biology majors is structured to prepare students for a life of learning in the sciences. Students are expected to master content, develop technical skills, analytical skills and competency in oral and written communication. Foundational courses in biology, chemistry, physics and mathematics prepare students for the rigor of upper-level courses in microbiology, evolutionary biology, developmental biology, immunology, physiology, plant biology, ecology and neurobiology. Capstone seminars allow students to explore one area of the life sciences in depth through exploration and analysis of original scientific literature. Rider's science faculty are research-oriented and encourage students to take advantage of opportunities to engage in independent research. Students also have the opportunity to take part in a three-week internship course through the Capital Health System Hospitals, summer research and other off-campus internships.

Bachelor of Arts Option

The curriculum described above is for a Bachelor of Science program. All students admitted to the College of Arts and Sciences seeking a biology degree will be enrolled in the B.S. program consisting of 62-63 credits. However, there is the option to be enrolled in a Bachelor of Arts program in biology. This program consists of 52 credits in the major and is designed for students who may desire a biology degree, but do not have a full eight semesters to commit to the program. Such students may be those enrolled in the College of Education and Human Services, transfer students or students choosing a second major. However, students may not choose to double-major in the B.A. program in biology and a closely-related B.S. program such as Behavioral Neuroscience or Health Science.

Students seeking to enroll in the Bachelor of Arts program in Biology must consult with the Chair of the Department of Biology, Behavioral Neuroscience & Health Sciences before being considered for this program.

Student Learning Outcomes

Graduates of the Biology major will be able to:

1. Explain foundational concepts in biological sciences.
2. Apply scientific methods of inquiry through testing of newly formed hypotheses with observation and experimentation.
3. Apply concepts from other disciplines in the analysis and interpretation of biological information.
4. Demonstrate the ability to locate, critically analyze, and communicate relevant scientific information.
5. Explain the ethical practice of scientific research and its societal applications.

Honors Programs

Honors in Biology

The objective of the honors program in biology is to introduce talented undergraduate majors to the methods of basic research in the biological sciences. For consideration a student must have a 3.25 average at the end of their junior year. In the senior year, participating students must complete an independent research project and present a written honors thesis. At graduation a student who has a 3.25 cumulative average, a 3.5 average in biology courses, and who has completed an acceptable honors thesis will be awarded Honors in Biology.

Beta Beta Beta Biological Honor Society

"Tri-Beta" is a national honor society affiliated with the American Association for Advancement of Science and the American Institute of Biological Sciences. Invitations for membership are extended to majors in the life sciences who have demonstrated superior academic achievement. Students are usually invited to join in their sophomore year when they have accumulated 12 credits in the sciences. Active membership is available to those with an overall grade point average of at least 2.8, and at least 3.0 in their science courses. The benefits of membership include academic recognition; a subscription to the journal *Bios*, to which members may submit research articles; opportunities to present papers at conventions; and research awards. Biology and behavioral neuroscience majors should make membership in *Tri-Beta* one of their goals.

Pre-medical and Pre-allied Health Advising Programs

Students pursuing medical school or pre-allied health programs upon graduation from Rider are encouraged to consult with the department's pre-medical advisor. The pre-medical studies and pre-allied health advisor assists students with academic and extra-curricular planning required to become competitive applicants for programs in the health professions.

Rider and Thomas Jefferson University have a long-standing articulation agreement for students who wish to pursue training in the allied health professions. This agreement does not guarantee admission of Rider students into Jefferson's programs; it does mean that Rider faculty members are familiar with Jefferson's academic requirements and that Rider's courses are eligible for transfer to Jefferson.

Rider University offers students with baccalaureate degrees the opportunity to take the undergraduate science course prerequisites for

medical, dental, veterinary or graduate school. For more information, visit the Premedical Studies (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/programs-opportunities/pre-med/) page.

Degree Offered

- B.S. in Biology
- B.A. in Biology
- Minor in Biology

Contact

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School of Science, Technology and Mathematics

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Program Website: Biology B.S./B.A. (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/biology/)
Associated Department: Department of Biology and Behavioral Neuroscience (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/biology-behavioral-neuroscience-health/)

Related Programs

- Behavioral Neuroscience (p. 49)
- Biochemistry (p. 79)
- Chemistry (p. 104)
- Environmental Science (p. 246)
- Health Sciences (p. 319)
- Marine Science (p. 380)
- Mathematics (p. 399)

Requirements for the Major

All students admitted to the College of Arts and Sciences seeking a biology degree will be enrolled in the Bachelor of Science (B.S.) program consisting of 62-63 credits. However, there is an option to be enrolled in a Bachelor of Arts (B.A.) program in biology. This program consists of 52 credits in the major and is designed for students who may desire a biology degree, but do not have a full eight semesters to commit to the program. Such students may be those also enrolled in the College of Education and Human Services, transfer students, or students choosing a second major. However, students who double-major may not select the B.A. program in biology and a closely-related B.S. program such as Behavioral Neuroscience or Health Science.

Students students seeking to enroll in the Bachelor of Arts program in Biology must consult with the Chair of the Department of Biology, Behavioral Neuroscience & Health Sciences before being considered for this program.

Program Requirements for:
B.S. in Biology (p.)

B.A. in Biology (p.)
Departmental Course Repeat Policy (p. 86)

Biology B.S. Requirements for Arts and Sciences students

(62-63 credits)

Code	Title	Credits
Complete the following foundational courses:		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab [1]	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab [1]	4
Select five courses from Group I and Group II, with at least one course selected from each Group:		**20**
Group I		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 350 & 350L	General Ecology and General Ecology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
MAR 325 & 325L	Marine Vertebrates and Marine Vertebrates Lab	
Group II		
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Animal Physiology and Animal Physiology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab	
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
BCH 325 & BCH 326	Biochemistry and Biochem and Enzymology I Lab	

Mathematics		
Select two of the following:		7-8
MTH 105	Algebra and Trigonometry [2]	
or MTH 106	Precalculus	
MTH 210	Calculus I [2]	
MTH 211	Calculus II [2]	
BNS 250	Biostatistics (plus lab) [2]	
or ENV 200	Statistical and Computer Applications in the Natural Sciences	
or MTH 120	Introduction to Applied Statistics	
Chemistry		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
Physics		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	4
or PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	4
or PHY 201 & 201L	General Physics II and General Physics II Lab	
Senior Capstone Seminar		**3**
Select one of the following:		
BIO 400	Seminar in Cellular and Molecular Biology	
BIO 420	Seminar in Organismal Biology	
BIO 416	Bioinformatics	
BIO 450	Seminar in Ecology & Evolution	
Total Credits		**62-63**

1

Students must earn a grade of "C" or better in these courses in order to meet the major requirement and before enrolling in upper-level courses for which these courses are prerequisites.

2

Students must place into MTH 105 Algebra & Trigonometry or higher level mathematics in order to register for BIO 115 and BIO 116.

Biology B.A. Requirements for other than College of Arts and Sciences students

(52 credits)

Code	Title	Credits
Requirements for the Major		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
BIO 265 & 265L	Genetics and Genetics Lab	4
BIO 350 & 350L	General Ecology and General Ecology Lab	4
Select one upper-level elective from the following:		**4**
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Animal Physiology and Animal Physiology Lab	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
BCH 325	Biochemistry	
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Senior Capstone		**4**
Select one of the following paths:		
BIO 490	Independent Study: Research and Creative Expression (4 credits)	
OR		
BIO 400	Seminar in Cellular and Molecular Biology	
or BIO 420	Seminar in Organismal Biology	
or BIO 450	Seminar in Ecology & Evolution	
AND		
BIO 491	Internship in Biology (as a lab facilitator (1 credit))	
Required Courses:		**8**
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	
Select two of the following:		**8**
MTH 105	Algebra and Trigonometry	
or MTH 106	Precalculus	
MTH 210	Calculus I	
BNS 250 & 250L	Biostatistics and Biostatistics Lab	
Select one of the following:		**4**
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	

Select one of the following:		**4**
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
PHY 200 & 200L	General Physics I and General Physics I Lab	
Total Credits		**52**

Department of Biology, Behavioral Neuroscience, and Health Sciences Course Repeat Policy

The following guidelines apply to courses offered by the Department of Biology, Behavioral Neuroscience, and Health Sciences. Students may repeat any biology (BIO), behavioral neuroscience (BNS), health sciences (HSC) or exercise science (EXS) course **once** without special permission unless they received an unsatisfactory grade (C-, D, F). With an unsatisfactory grade, students need permission from the dean's office to repeat a class. They can not register on their own on myRider. Students should email casdean@rider.edu and the department chair to request permission to repeat a course. A course will be considered repeated if the student has previously earned a letter grade in the course, or if the student has previously withdrawn from the course after the Friday of the seventh week of classes (previously Withdrawal II or Withdrawal III). To take a biology, behavioral neuroscience, health science, or exercise science course for a third time, written permission must be obtained from the dean's office and the department chair before the registrar will allow the student to enroll in that course.

Requirements for the Minor [1]

(20 credits)

Code	Title	Credits
Foundational Courses:		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab [2, 3]	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab [2, 3]	4
Select three courses from Group I and Group II, with at least one course selected from each Group:		**12**
Group I		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
BIO 340 & 340L	Evolutionary Biology and Evolutionary Biology Lab	
BIO 350 & 350L	General Ecology and General Ecology Lab	
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
Group II		
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Vertebrate Physiology and Vertebrate Physiology Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
BNS 375 & 375L	Neuroethology: Circuits of Behavior and Neuroethology Lab	
Total Credits		**20**

1

Not available to Behavioral Neuroscience, Biochemistry, Health Sciences or Science Education majors.

2

Students must earn a grade of "C" or better in this course to meet the major requirements and before enrolling in upper-level courses for which these courses are prerequisites.

3

Students must place into MTH 105 Algebra & Trigonometry or higher level mathematics in order to register for BIO 115 and BIO 116.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 105	Algebra and Trigonometry [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**15**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
MTH 210 or BNS 250/BNS 250L	Calculus I or Biostatistics	4
CMP 125	Seminar in Writing and Research	3
	Semester Credit Hours	**15**

Year 2		
Fall Semester		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
HIS 150	World History to 1500	3
Social Perspectives		3
	Semester Credit Hours	**14**
Spring Semester		
BIO 265 & 265L	Genetics and Genetics Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
HIS 151	World History Since 1500	3
Social Perspectives		3
	Semester Credit Hours	**14**
Year 3		
Fall Semester		
BIO 265 or higher BIO/BNS Course & Lab (3 of 5)		4
Choose either sequence		**4**
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab [3]	
OR		
PHY 200 & 200L	General Physics I and General Physics I Lab	
Foreign Language		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**14**
Spring Semester		
BIO 265 or higher BIO/BNS Course & Lab (4 of 5)		4
Foreign Language		3
Select one of the following:		**4**
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
PHY 201	General Physics II	
Aesthetic Perspectives: Fine Arts		3
Philosophical Perspectives		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
BIO 265 or higher BIO/BNS Course & Lab (5 of 5)		4
BIO 400	Seminar in Cellular and Molecular Biology	3
Three Elective Courses [2]		9
	Semester Credit Hours	**16**
Spring Semester		
Five Elective Courses [2]		15
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

Natural and Physical Sciences and Mathematics Core requirements are included in the major.

Courses and Descriptions

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 102 The Biology of Cannabis 1.5 Credits
In this course, you will learn about many aspects of the biology of cannabis, including botany, genetics, growth techniques, strain selection, and health benefits. Emphasis is placed on current methods in the marijuana industry to help legal growers and professionals understand best practices for cultivation, management, and medicinal use. Current literature and sources will be discussed.

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 210 Hospital Intern Program 2 Credits
An internship that provides students with the experience in the practical aspects of medicine. Major departments in the hospital such as the emergency room, operating room, clinic, radiology, and the laboratory will be open for student rotations. Field trips to various medical schools in the area will provide information on professional school educational opportunities available in the health professions.
Prerequisite(s): sophomore standing or above and permission of instructor.

BIO 215 Medical Microbiology 4 Credits
Biology of prokaryotes of medical interest with emphasis placed on diversity and host-pathogen interaction. Current research literature will be covered and presented by students. Methods of microbial identification are introduced in the laboratory and applied in the identification of mock clinical isolates. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course,
Corequisite(s): BIO 215L.

BIO 215L Microbiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 215.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

BIO 260 Principles of Biology: Evolution, Diversity, and Biology of Cells 4 Credits
Lectures and labs focus on basic cell biology. Cell diversity and function, genetics and biotechnology are emphasized. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115/115L and BIO 116/116L or BIO 115, BIO 117, (BNS 118 or BNS 275).
Corequisite(s): BIO 260L.

BIO 260L Principle of Biology: Cells Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 260.

BIO 265 Genetics 4 Credits
A comprehensive course focusing on molecular, Mendelian, and population genetics. Topics covered will include molecular advances in the study of genetics, including genomics and bioinformatics; evolution and the effects of genetic mutations; the application of population genetics to forensic science; genetic problem solving, including genetic crosses and statistical analysis; and regulation of gene expression. The laboratory for this course will introduce students to commonly used genetic model organisms and basic molecular biology techniques. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265L.

BIO 265L Genetics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265.

BIO 272 Intro to Marine Biology 4 Credits
Introduces students to the study of marine environments, emphasizing the diversity, ecology, and physiology of marine animals, algae, and plants. Aspects of the human impact on marine environments are also discussed. Prerequisite(s): BIO 115 or BIO 116 or BNS 118 and grade of "C" or better.
Corequisite(s): BIO 272L.

BIO 272L Marine Biology Laboratory 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 272.

BIO 290 Special Topics in Biology 3 Credits

BIO 300 Developmental Biology 4 Credits
Lectures and laboratories explore molecular, cellular, and genetic mechanisms of animal development. Aspects of gametogenesis, fertilization, induction, cytoplasmic determinants, morphogenetic movements, differentiation and developmental evolution are discussed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 300L.

BIO 300L Developmental Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 300.

BIO 305 Animal Physiology 4 Credits
Study of the principles and mechanisms of animal physiology. Topics include the nervous system, muscle physiology, cardiovascular physiology, respiration, gastrointestinal activity, renal function, and endocrine physiology. Lectures and laboratory exercises emphasize homeostatic mechanisms and organ-system interactions. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): BIO 115 and BIO 116 with a grade of C or better in each course.

BIO 305L Animal Physiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Prerequisite(s): BIO 115 and BIO 116 with a grade of C or better in each course.

BIO 310 Health and Ecology in Central America 3 Credits
This interdisciplinary course seeks to provide a unique educational experience for students to explore the relationship between human health, ecological health, and environmental concerns. Using a country in Central America as our focus (e.g., Costa Rica or Panama) we will begin by studying the health care system, including visits to several hospitals and clinics to see firsthand some of the challenges they face. We will also examine the ecotourism industry in the country, including visits to coffee plantations and a National Wildlife Refuge on the coast, again with a focus on environmental health challenges. We begin our exploration of these topics with three pre-departure meetings at Rider University during the Fall semester. We continue our experience with a ten-day trip to Central America during the January term and will meet for four additional class sessions during the Spring semester.

BIO 335 Plant Biology 4 Credits
Biology of seed plants, including growth, development, and reproduction of flowering plants. Emphasis is placed on acclimation and adaptations demonstrating environmental influences on plant structure and function. Current literature involving molecular mechanisms of control will be discussed. Three hours of lecture and one three-hour lab per week. One Saturday field trip. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C.
Corequisite(s): BIO 335L.

BIO 335L Modern Plant Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 335.

BIO 340 Evolutionary Biology 4 Credits
Where did we come from? This course will explore the generation of biological diversity on earth. Course topics will include: the history of evolutionary thought; the different lines of evidence and fields of inquiry that bear on our understanding of evolution; selection vs. random changes in populations over time; speciation; extinction; the molecular basis of evolution; and evolutionary developmental biology. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and BIO 260 with a minimum grade of C Co-requisite(s): BIO 340L.

BIO 340L Evolutionary Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and BIO 260 with a minimum grade of C Co-requisite(s): BIO 340.

BIO 350 General Ecology 4 Credits
An investigation of the processes that regulate the distribution of plants and animals throughout the biosphere. Relationships among species and their interactions with the environment are stressed. Quantitative analyses of experimental results and current research in basic and applied ecology are discussed. Laboratory activities explore conceptual models using both field activities and computer simulations. Three hours of lecture and one three-hour lab per week. One Saturday field trip (laboratory time will be adjusted accordingly). Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350L.

BIO 350L General Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350.

BIO 370 Immunology 4 Credits
An introduction to the cells and molecules of the immune system with emphasis on recent advances. Topics include AIDS, autoimmunity, transplantation, and cancer. Readings from current journals will be discussed and presented by students. The laboratory will introduce current research techniques and then apply these to a research problem with critical analyses of the data generated. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 260 with a minimum grade of C or BIO 117 with a minimum grade of C)
Corequisite(s): BIO 370L.

BIO 370L Immunology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 260 with a minimum grade of C or BIO 117 with a minimum grade of C)
Corequisite(s): BIO 370.

BIO 372 Behavior of Marine Organisms: Evolutionary Approach 4 Credits
An examination of the underlying mechanisms and evolutionary causes of behavior, including habitat use, feeding, and mate choice, particularly in marine organisms. The laboratory will involve collecting, analyzing and interpreting field data and performing experiments in the lab using a variety of marine organisms including fish and crabs. Three hours of lecture and one three-hour lab per week. Some full-day field trips (usually on a weekend) are required. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course.
Corequisite(s): BIO 372L.

BIO 372L Behavior of Marine Organisms: Evolutionary Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 372.

BIO 390 Special Topics in Biology 4 Credits
This course will provide students the opportunity to deeply explore a specialized topic in the broad field of biological sciences. The course entails 3 hours of lecture and 3 hours of laboratory per week, and may satisfy upper-level biology course requirements for the Biology, Behavioral Neuroscience, and/or Health Sciences majors. Examples may include such topics as ornithology, ethnobotany, entomology, neuroelectrophysiology, or exercise physiology, among other possibilities. Prerequisite(s): BIO 115/BIO 115L and BIO 116/BIO 116L.
Corequisite(s): BIO 390L.

BIO 390L Special Topics in Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 390.

BIO 400 Seminar in Cellular and Molecular Biology 3 Credits
Critical analysis of the scientific literature pertaining to current topics in cell and molecular biology. Topics may include: genomics, regulation of gene expression, development, and molecular processes of disease. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116, (BIO 260 or BIO 117) with a grade of C or better in each course, junior standing, and permission of instructor.

BIO 416 Bioinformatics 3 Credits
A comprehensive overview of relevant computer-based technologies used in genome research, DNA sequence analysis, and evolutionary biology. Will focus extensively on Internet resources and predictive algorithm usage for determining evolutionary relationships of organisms based on molecular evidence. Lectures will focus on terms and concepts frequently used in genomic and bioinformatic research, while computer labs will allow students to perform hands-on projects with actual DNA sequence data.
Prerequisite(s): BIO 115, BIO 116, (BIO 260 or BIO 117) with a grade of C or better in each course, junior standing, permission of instructor and BIO 265 recommended.

BIO 420 Seminar in Organismal Biology 3 Credits
Critical analysis of the scientific literature pertaining to current topics in physiology and organismal biology. Topics may include hormonal control of behavior, immune pathogen interactions, and other aspects of whole animal and/or plant biology. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course; junior standing, and permission of instructor.

BIO 450 Seminar in Ecology & Evolution 3 Credits
Critical analysis of the scientific literature pertaining to current topics in ecology and evolutionary biology. Ecology and evolution of terrestrial and aquatic systems may include scales of adaptation, mechanisms, or human impacts. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course; junior standing, and permission of instructor.

BIO 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BIO 491 Internship in Biology 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation. 2.5 GPA required.
Prerequisite(s): Permission of the instructor.

Cannabis Studies Certificate

Overview

The cannabis industry is one of the fastest-growing industries with a variety of employment opportunities throughout the country. In New Jersey there are currently 2,356 cannabis jobs, and that number is projected to climb up to 321,393 cannabis-related jobs within five years. Across the United States, there are an estimated 321,000 people working in the legal cannabis industry.

The 6 credit Cannabis Studies Online Certificate prepares students for roles that go beyond the budtender. Students will acquire industry experience and build connections through internship opportunities and affiliate programs. Those studying in close proximity to Rider's Lawrenceville, NJ campus can also benefit from easy access to the state capital of Trenton, Newark, and other major cities such as New York and Philadelphia, that offer opportunities for gaining experience and networking with local, state and federal governments.

After earning the certificate, students will possess the knowledge and credentials needed to help them stand out in this growing field. Potential roles students can explore include accounting and finance, communications, marketing and sales, management, public policy, government and law, research and development, and supply chain management.

Curriculum Overview

The eight-month cannabis industry online certificate program will consist of a series of four courses in the disciplines of biology, policy,

and business taught by subject and industry experts. The courses will provide students with key knowledge about cannabis and about the rapidly expanding cannabis industry, and will better position them for successful entry into the field.

Certificate Offered:

- Certificate in Cannabis Studies

Contact

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Associated Department: Sociology and Criminology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/sociology/)

Related Programs

- Criminal Justice (p. 132)
- Education (p. 666)
- History (p. 323)
- Social Justice Through Civic Engagement (p. 509)

Cannabis Studies Certificate Requirements

(6 credits)

Code	Title	Credits
Complete the following courses:		
SOC 142	The Legal & Policy Dimensions of Cannabis	1.5
BIO 102	The Biology of Cannabis	1.5
BUS 150	The Business of Cannabis	1.5
SOC 143	From Plant to Profession: Practical Skills & Applications	1.5
Total Credits		**6**

Courses and Descriptions

SOC 142 The Legal & Policy Dimensions of Cannabis 1.5 Credits
In this course, you will learn about drug policy in the United States through the lens of cannabis. Theoretical and empirical arguments for, and consequences of, prohibition, and legalization will be considered with special attention to race, class, and gender. Opportunities and challenges springing from recent legal reforms and a rapidly expanding legal industry will be considered using a variety of cultural, legal, and academic sources.

BIO 102 The Biology of Cannabis 1.5 Credits
In this course, you will learn about many aspects of the biology of cannabis, including botany, genetics, growth techniques, strain selection, and health benefits. Emphasis is placed on current methods in the marijuana industry to help legal growers and professionals understand best practices for cultivation, management, and medicinal use. Current literature and sources will be discussed.

SOC 143 From Plant to Profession: Practical Skills & Applications 1.5 Credits
Put your new cannabis knowledge to use in real world settings! In this final skills-based course of Rider's Cannabis Studies certificate, you will expand on the initial knowledge you've obtained through completing Rider's foundational courses in business, biology, and the law. You will learn directly from key experts in the field, whose knowledge about key trends in the cannabis industry will prepare you to explore unmatched opportunities to enter the rapidly expanding cannabis industry. Content will expose students to cannabis horticulture, science, clinical practice, and legal compliance to prepare them to enter into a variety of cannabis industry positions.
Prerequisite(s): SOC 142, BIO 102, and BUS 150.

BUS 150 The Business of Cannabis 1.5 Credits
In this online course, you will learn about trends and best practices in the business operations of the cannabis industry. Emphasis will be placed on financial strategies, marketing, customer service, and the regulatory environment.

Chemistry B.S. / Chemistry B.A.

Program Overview

Students in the chemistry major will find themselves taking part in small classes that encourage close and frequent interaction between students and professors, helping to create a stimulating learning environment.

Students in this major are offered abundant research opportunities (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/student-research/) both during the academic year and during the summer months. Faculty are engaged in research projects which lend themselves to undergraduate participation. In tackling the challenge of advanced and independent laboratory work, students begin to understand the nature of science and the scientific method. Participation in research by all students is strongly encouraged, as it builds a greater appreciation of the nature of their chosen field. The opportunity to perform independent research has motivated many students to continue their education either in an accredited graduate program or in a professional school in a number of medical fields.

Often, faculty and students jointly present their research results at national professional meetings, the Rider Independent Scholarly Research & Creative Activities Presentations (ISCAP) Day (https://www.rider.edu/academics/additional-programs/research-opportunities/iscap-day/), or as written research papers submitted to scholarly journals.

The Bachelor of Science (B.S.) program has been approved by the American Chemical Society (https://www.acs.org/) (ACS), which means that it is nationally recognized as providing adequate experimental skills, oral and written communication skills, and knowledge that prepares students to be future professionals in the chemical sciences. Chemistry students at Rider University have challenging and engaging experiences

in the five areas of chemistry: analytical, inorganic, organic, physical chemistry, and biochemistry.

Curriculum Overview

Core chemistry classes include one year of general chemistry, one year of organic chemistry, quantitative analysis, biochemistry, physical chemistry and inorganic chemistry. Students must also take calculus and general physics I and II courses. Advanced chemistry courses include biochemistry II, medicinal chemistry, physical organic chemistry, chemical bonding, and more. Students must also earn four lab credits from the following courses: biochemistry I lab, biochemistry II lab, advanced organic synthesis and spectroscopy, computational chemistry lab, and physical organic chemistry.

Student Learning Outcomes

Graduates of the Chemistry major will demonstrate the ability to:

- Apply their chemical knowledge and make predictions about the outcome of fundamental chemical processes.
- Generate and interpret raw data from standard research instrumentation and computational tools.
- Utilize databases to locate relevant primary literature articles and evaluate the validity of resources.
- Communicate data and advanced chemical concepts via meaningful and effective representations in both oral and written forms.

Degrees Offered:

- B.S. in Chemistry
- B.A. in Chemistry
- Minor in Chemistry

Contact

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Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related programs:

- Biochemistry (p. 79)

Requirements for the Chemistry B.S. Major (p. 105)

Requirements for the Chemistry B.A. Major (p. 105)

Requirements for the Chemistry (B.S.) Major

(66 credits)

All students seeking a degree in chemistry through the College of Arts and Sciences will be enrolled in the Bachelor of Science (B.S.) program.

The program is approved by the American Chemical Society (ACS) and students who graduate with the B.S. degree will be certified and recognized by the ACS.

Students who do not require certification by the ACS or who cannot use a full eight semesters to earn a B.S. in chemistry should consider the Bachelor of Arts (B.A.) degree.

Code	Title	Credits
Core Chemistry		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CHE 211	Organic Chemistry I	4
CHE 214	Organic Chemistry II	4
CHE 250	Quantitative Analysis and Statistics Methods	4
CHE 305	Physical Chemistry I	3
CHE 315	Inorganic Chemistry	3
CHE 316	Inorganic Chemistry Laboratory	1
CHE 325	Physical Chemistry Laboratory	1
CHE 330	Instrumental Analysis Laboratory	2
BCH 325	Biochemistry	3
Mathematics		**8**
MTH 210	Calculus I	
MTH 211	Calculus II	
Physics		**8**
PHY 200	General Physics I	
PHY 201	General Physics II	
Advanced Chemistry Courses		**9**
Select three of the following:		
BCH 400	Advanced Biochemistry.	
BCH 410	Metabolism and Bioenergetics	
BCH 415	Signal Transduction	
BCH 425	Medicinal Chemistry	
CHE 306	Physical Chemistry II	
CHE 320	Polymer Chemistry	
CHE 340	Environmental Chemistry	
CHE 400	Chemical Bonding	
CHE 415	Special Topics in Chemistry	
CHE 420	Physical Organic Chemistry [1]	
Advanced Laboratory Courses		**4**
Select four lab credits from the following: [2]		
BCH 326	Biochem and Enzymology I Lab	
BCH 430	Advanced Lab Techniques in Biochemistry.	
CHE 350	Advanced Organic Synthesis	
CHE 375	Computational Chemistry Lab	
CHE 420L	Physical Organic Chemistry Lab [1]	
Total Credits		**62**

1 CHE 420 counts as a three credit course and one lab credit only.

2 Lab courses count for one or two credits (see course descriptions).

Requirements for the Chemistry (B.A.) Major

(52 credits)

The Bachelor of Arts (B.A.) program consists of 52 credits in the major and is designed for students who may desire a chemistry degree, but do not have a full eight semesters to commit to the program. Such students may be those enrolled in the College of Education and Human Services, transfer students or students choosing a second major.

Students in the College of Education and Human Services who declare a second major in Chemistry will automatically be enrolled in the B.A. program. Other students seeking to enroll must consult with the chairperson of the Department of Earth and Chemical Sciences before being considered for this program.

The B.A. in Chemistry does explore the five sub-disciplines of chemistry and does have a laboratory component. However, the depth of student exploration in the chemical sciences is not sufficient enough to attain certification by the ACS.

Code	Title	Credits
Core Chemistry Courses		
BCH 325	Biochemistry	3
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	4
CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	4
CHE 250 & 250L	Quantitative Analysis and Statistics Methods and Quantitative Analysis and Statistical Methods Lab	4
CHE 305	Physical Chemistry I	3
CHE 315	Inorganic Chemistry	3
Mathematics		**8**
MTH 210	Calculus I	
MTH 211	Calculus II	
Physics		**8**
Select one of the following tracks:		
PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 201 & 201L	General Physics II and General Physics II Lab	
OR		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
Advanced Chemistry Course		**3**
Select one course from CHE or BCH at the 300 level or above		
Advanced Laboratory Courses		**4**
Select laboratory courses from CHE or BCH at the 300 level or above. Some lab courses are 1-credit and some are 2-credit. See course descriptions for details.		
Total Credits		**52**

Chemistry Minor Requirements

(24 credits)

Code	Title	Credits
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
CHE 211	Organic Chemistry I	4
Select twelve elective credits (including two labs) from the following:		
Chemistry or biochemistry courses at the 200 level or above, six credits of which must be at the 300 level or above. At least one course must be taken in three of the five disciplines: organic chemistry, inorganic chemistry, biochemistry, physical chemistry and analytical chemistry		12
Total Credits		**24**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
MTH 210	Calculus I [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**14**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
MTH 211	Calculus II	4
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
CHE 211	Organic Chemistry I	4
CHE 211L	Organic Chemistry I Lab	0
PHY 200	General Physics I	4
PHY 200L	General Physics I Lab	0
Social Perspectives		3
Elective Course		3
	Semester Credit Hours	**14**
Spring Semester		
CHE 214	Organic Chemistry II	4
CHE 214L	Organic Chemistry II Lab	0
PHY 201	General Physics II	4

PHY 201L	General Physics II Lab	0
Social Perspectives		3
Aesthetic Perspectives: Literature		3
Elective Course [2]		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
CHE 250	Quantitative Analysis and Statistics Methods	4
CHE 250L	Quantitative Analysis and Statistical Methods Lab	0
CHE 305	Physical Chemistry I	3
Lab Elective Course		1-2
Foreign Language		3
Philosophical Perspectives		3
	Semester Credit Hours	**14-15**
Spring Semester		
CHE 330	Instrumental Analysis Laboratory	2
CHE 325	Physical Chemistry Laboratory	1
Advanced Elective Course		3
Foreign Language		3
Aesthetic Perspectives: Fine Arts		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
BCH 325	Biochemistry	3
CHE 315	Inorganic Chemistry	3
CHE 316	Inorganic Chemistry Laboratory	1
Advanced Lab Course		1-2
Two Elective Courses [2]		6
	Semester Credit Hours	**14-15**
Spring Semester		
Two Advanced Biochemistry or Chemistry Elective Courses		6
Advanced Lab Course		2
Three Elective Courses [2]		9
	Semester Credit Hours	**17**
	Total Credit Hours for Graduation	**119-121**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Note:

1. Math and Science general education requirements are included in the major.

Courses and Descriptions

CHE 100 Intro to College Chemistry 3 Credits
Open to all students, but designed primarily for those who wish to major in a science which requires chemistry but whose chemistry background is not sufficient to allow entrance into Chemistry 120. It focuses on the nomenclature used in chemistry including the symbols used to designate the chemical elements, the construction of chemical formulas, and the writing and balancing of chemical equations. Other topics will include interpreting the Periodic Table, the valences of the elements, the mole concept, and simple stoichiometry. In addition, chemical calculations involving units, scientific notation, significant figures, and the algebraic manipulations of simple equations will be included. Three hours of lecture per week. This course does not satisfy the requirements for the biochemistry or chemistry degree, but does satisfy the core requirements for education and business majors.

CHE 110 Survey of General Chemistry 4 Credits
A one-semester survey of basic general chemical principles designed to be applied to questions in health-related fields. Students will explore the fundamental structures of atoms and simple compounds that comprise living beings; basic patterns in chemical reactivity, especially oxidation-reduction and acid-base reactions; quantitative analyses of biologically-relevant compounds and chemical reactions; properties of substances; and kinetic and thermodynamic principles underlying such chemicals and chemical processes. In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts. No prerequisites. Students who have completed CHE 120 and/or CHE 122 will not be permitted to enroll in CHE110/110L. Furthermore CHE 110 will not serve as a prerequisite for CHE 122.

CHE 110L Survey of Gen Chemistry Lab 0 Credits
In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts.

CHE 114 Chemistry in the Kitchen 4 Credits
Chemistry permeates aspects of our daily lives in which we are often unaware. In this course, students will learn the core tenets of chemistry including atomic and molecular structure, bonding, intermolecular and macromolecular interactions, and chemical reactivity, and will personally investigate these properties in the context of cooking, baking, metabolism, and other kitchen-related activities. This 4-credit course will include a weekly 3-hour lab in which students will perform experiments that allow them to prepare dishes that illustrate key chemical concepts. As part of the course, students will collaborate with the Trenton Area Soup Kitchen to prepare and serve food to the community, as well as share their understanding about the chemical properties that are involved in the development of various dishes. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): CHE 114L.

CHE 114L Chemistry in the Kitchen Lab 0 Credits
This is the laboratory portion of CHE 114.
Corequisite(s): CHE 114.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

CHE 118 Exploration of Chemical Principles 4 Credits
A one-semester introduction to the principles of chemical sciences. Students will utilize inquiry-based learning methods to examine contextual problems as a means to explore introductory models and concepts of chemistry. Students will also gain an understanding of how scientific models are used to explain experimental observations. The laboratory component of this course is designed to provide students with an experimental context within which to develop some of the models described in the classroom. Three hours of lecture and one three-hour lab per week.

CHE 118L Exploration of Chemical Principles Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 118.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

CHE 211 Organic Chemistry I 4 Credits
The structure, chemical properties, and methods of preparation of the more important classes of carbon compounds are studied, with an emphasis on the relationship of structure, stereochemistry, and conformation to chemical reactivity. The preparation and reactivity of organic functional groups is introduced. The use of infrared and nuclear magnetic resonance spectroscopy, and mass spectrometry for elucidating structures of organic molecules is discussed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 120, CHE 121.
Corequisite(s): CHE 211L.

CHE 211L Organic Chemistry I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 211.

CHE 214 Organic Chemistry II 4 Credits
A continuation of Chemistry 211, emphasizing the mechanism of organic reactions, structural interpretations of properties, preparations, reactivity and identification of organic compounds. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): CHE 211 and CHE 211L.

CHE 214L Organic Chemistry II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 214.

CHE 225 Introduction to Organic and Biochemistry 4 Credits
An introductory course describing the basic principles of organic chemistry and biochemistry as they relate to human metabolism and disease. The nature of the chemical structure and reactivity of organic functional groups such as alcohols, aldehydes, ketones, carboxylic acids and amines will be presented with biological processes in mind. The biochemistry of the macromolecules DNA, RNA, proteins, carbohydrates and lipids will be discussed leading in to a discussion of some of the more important metabolic pathways. This course is intended for science majors who do not take the full two semester sequence of organic chemistry and two semesters of biochemistry and desire a background in biochemistry. Non-science major students who have had one semester of general chemistry and one semester of biology may also enroll in the course. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115 .

Corequisite(s): CHE 225L.

CHE 225L Introduction to Organic and Biochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115
Corequisite(s): CHE 225.

CHE 250 Quantitative Analysis and Statistics Methods 4 Credits
This course will provide a deeper exploration of topics in chemistry that are steeped in numerical analysis. These topics include advanced analysis of equilibrium systems, acid-base systems and electrochemical systems. Additional detail will be given to methods of chemical measurement, statistical methods of data analysis and determination of data validity and reliability. Both lecture and laboratory will show an emphasis on using computer-based tools to analyze experimental data. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 122 & CHE 123
Corequisite(s): CHE 250L.

CHE 250L Quantitative Analysis and Statistical Methods Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 250.

CHE 305 Physical Chemistry I 3 Credits
The mathematic and conceptual foundations of physical chemistry will be introduced with an over-arching theme of determination of energy allocation within atomic and molecular systems. Topics will include determination and measurement of energy states in atoms and molecules, simple quantum mechanical systems, distribution of energies and the connection to thermodynamic quantities, the three laws of thermodynamics, spontaneity, equilibrium and experimental kinetics.
Prerequisite(s): CHE 122, CHE 214, MTH 211, PHY 201.

CHE 306 Physical Chemistry II 3 Credits
Physical chemistry concepts are explored in more detail with emphasis on examination of systems that require multiple models in physical chemistry to explain. Topics will include, kinetic theory and transition state theory, statistical mechanics and its connections to thermodynamic functions, temperature dependence of spontaneity and equilibrium, the thermodynamics of condensed phases and multi-component equilibria, electrochemistry, multi-electron quantum mechanical systems, approximations in quantum mechanics, symmetry and advanced molecular spectroscopy.
Prerequisite(s): CHE 305, MTH 211.

CHE 315 Inorganic Chemistry 3 Credits
The periodic table as a tool for predicting the physical and chemical properties of chemical systems is developed and examined in conjunction with various theories of bonding, including valence bond, molecular orbital, valence shell electron repulsion, and ligand field theory. Emphasizes structure of crystalline solids, coordination compounds, reaction mechanisms, and structure-property relationships. Three hours of lecture per week.
Prerequisite(s): CHE 122, CHE 214.

CHE 316 Inorganic Chemistry Laboratory 1 Credits
Students will explore a variety of synthetic methodologies for the growth of inorganic molecular systems, and solid-state materials. A transition metal or main group metal plays a central structural role in all systems that will be examined. Modern analytical methods will be applied to characterize synthesis products, such as FT-IR spectroscopy, polarimetry, NMR, and powder X-ray diffraction analysis. Prerequisite(s): CHE 123, CHE 214.
Corequisite: CHE 315.

CHE 320 Polymer Chemistry 3 Credits
Designed to acquaint students with the structure and properties of polymers, the contrast between small molecules and polymers, methods of measuring molecular weight, the mechanism of polymerization, and the methods of fabricating polymers.
Prerequisite(s): CHE 211.

CHE 325 Physical Chemistry Laboratory 1 Credits
Measurements are made of physical properties of molecules and chemical dynamical processes. These measurements will be used to develop models which explain the physical chemical nature of the systems under examination. Experiments will utilize various instrumental techniques such as infrared spectrometry, nuclear magnetic resonance, fluorescence and UV/Vis spectrometry. One three-hour lab per week.
Prerequisite(s): CHE 250, CHE 305.

CHE 330 Instrumental Analysis Laboratory 2 Credits
This course is designed to give students practical experience using modern analytical instrumentation and to provide students with the background theory and principles of operation. The instrumental methods introduced in this course include: ultraviolet and visible spectroscopy, atomic emission spectroscopy, gas chromatography (GC), high performance liquid chromatography (HPLC), X-ray powder diffraction analysis and electrochemical analysis. This experimental laboratory course meets two times per week with three hours for each session. One session will be focused on instrumentation background theory and discussion and the other session will be experimental practice.
Prerequisite(s): CHE 214, CHE 250, PHY 201.

CHE 340 Environmental Chemistry 3 Credits
This course is an advanced quantitative and qualitative study of the sources of environmental pollutants, their chemical reactions and mechanism of formation, their fate in the environment, and ultimately their impact on environmental systems and services including ozone cycling, ozone hole formation, smog formation, heavy metals in drinking water, energy, and global climate change. This course will review scientific literature to identify advances in science and technology to combat these environmental problems. The course is aimed principally at chemistry majors, but other science majors that desire a chemical understanding of the environment and meet the course prerequisites are welcome. This course satisfies the global perspectives (GP) requirement at Rider University. Recommended courses include MTH 210 and CHE 250.
Prerequisite(s): (CHE 211 and 211L) or (BCH 225 and 225L) or (CHE 225 and CHE 225L) and MTH 105 or higher.

CHE 350 Advanced Organic Synthesis 2 Credits
The first of four experimental chemistry labs designed for chemistry majors. It presents the use of modern techniques, and instrumentation in organic chemistry, including distillation, chromatography, infrared, ultraviolet, nuclear magnetic spectroscopy, and mass spectrometry. Two three-hour labs per week.
Prerequisite(s): CHE 214.

CHE 375 Computational Chemistry Lab 2 Credits
This course will provide students with a means to explore various methods in computational chemistry. Basic computational methods will be developed from first principles and these methods will then be tested using various modeling and computational software packages. Methods will include, but are not limited to, molecular mechanics, semi-empirical molecular orbital calculations, ab initio methods, and density functional calculations. Students will be exposed to various computational software packages and the strengths and limitations of each methodology will be explored. The course will meet in a computer laboratory for two for three-hour lab periods a week.
Prerequisite(s): CHE 305.

CHE 400 Chemical Bonding 3 Credits
The effects of the chemical bond on the structure and properties of molecules are investigated. Molecular orbital theories of bonding are introduced. Emphasis is placed on group theoretical methods utilizing molecular symmetry to simplify the description of the electronic structure of molecules and to predict their geometric structures and reactivity. Three hours of lecture per week.
Prerequisite(s): CHE 305, MTH 212.

CHE 415 Special Topics in Chemistry 3 Credits
An advanced level of one or more areas of modern chemistry. Emphasis on research and the literature of an area of current importance. Three hours of lecture per week.

CHE 420 Physical Organic Chemistry 4 Credits
In-depth studies of the methods for elucidating mechanisms of organic reactions for students who have completed one year of organic chemistry and physical chemistry. Topics include conformational analysis, linear free energy relationships, frontier molecular orbital theory, transition state theory, and chemical reaction kinetics. Isotopic scrambling, kinetic isotope effects, NMR and IR spectroscopy, polarimetry, and ultraviolet-visible spectrophotometry will be employed to investigate these concepts. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): CHE 214, CHE 305.
Corequisite(s): CHE 214L.

CHE 420L Physical Organic Chemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 420.

CHE 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

CHE 491 Internship in Chemistry 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in a private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the students' overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Chinese

Program Overview

The Chinese minor is a valuable supplement to any degree programs in Business, Education, Music, and Arts and Sciences. It broadens your horizon, enhances your resume, and allows you to prepare for and pursue careers in business, government, education, translation, national security, military intelligence, communications, travel, and more. Many Rider students who graduated with a Chinese minor have shared with us their experience of how it gave them a competitive edge over other applicants and helped them get their dream job or to get accepted into the graduate program they applied for. In addition, a Chinese minor opens doors for you to teach or work in China, Taiwan, Singapore, Malaysia, and Hong Kong. Through a vigorous and exciting minor program, you will be ushered into a fascinating culture that is not only rich and colorful but also ancient and modern at the same time. And the minor curriculum may include study abroad or a travel course if you choose to do so.

A Surprising Fact: Chinese is comparatively easy to learn!

- No verbal conjugations needed (no need to memorize verb tenses)
- No noun declension needed (no gender or number distinctions)

Students in the Chinese minor will acquire an international perspective and a special intercultural sensitivity. Advanced foreign language skills combined with intercultural expertise increase the employment prospects of our students in the global marketplace.

Degree Offered

- Minor in Chinese

Contact

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Program Website: Chinese (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/chinese-minor/)

Associated Department: Department of Languages, Literatures and Cultures (http://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/)

Related Programs

- French (p. 277)
- Spanish (p. 527)
- Chinese and Asian Areas Studies (p. 112)

Chinese Minor Requirements

(18 Credits)

Note: Our 18-credit minor creates a comprehensive learning experience with courses in Chinese language, culture, literature, composition, and phonetics and conversation. Students must receive a grade of "C" or better in courses required for the major or minor in the department. If a student receives a grade lower than "C" in a required course, the student must meet with his/her academic advisor to discuss the appropriate action that must be taken to remedy the situation.

Some of the requirements for the minor may be met by Study Abroad, upon agreement by the department. Students must enroll in at least one upper level course upon completion of a Study Abroad program.

Note that CHI 101 Chinese II counts towards the minor, which means you can use this course for both Foreign Language (Core) requirements and Chinese minor (double-dipping). Once you complete Chinese II, you are only 5 courses (15 credits) away from completing the minor.

Code	Title	Credits
Chinese		
CHI 101	Chinese II [1]	3
CHI 200	Chinese III [1]	3
CHI 201	Chinese IV [1]	3
Select three of the following:		9
IND 210	Global Encounters	
CHI 300	Advanced Chinese Reading and Composition	
CHI 307	Images of Women in Chinese Literature and Film	
CHI 310	Chinese Culture and Civilization	
CHI 311	Calligraphy As a Window to Chinese Language and Culture	
CHI 490	Independent Study: Research and Creative Expression	
CHI 500	Democracy, Revolution/Reform and Literary Movement in Modern China	
Total Credits		**18**

1 If original placement test is determined to be above these courses, 300- or 400- level courses may be taken instead.

Courses and Descriptions

CHI 100 Chinese I 3 Credits
This course is designed to foster mastery of the basic skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 101, the course provides a thorough foundation in basic Chinese grammar. Students will have opportunities to work extensively with audio and/or video resources/ materials and other technology, and above all, students from China. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): placement test if Chinese has been studied elsewhere.

CHI 101 Chinese II 3 Credits
A continuation of CHI 100. This course continues to foster mastery of the basic skills of Mandarin Chinese: speaking, listening, reading and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese I, the course provides a thorough foundation in basic Chinese grammar. Students will have opportunities to work extensively with audio and/or video resources/ materials and other technology and above all, students from China. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): CHI 100 or placement test.

CHI 200 Chinese III 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 201, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/ or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CHI 101 or placement test.

CHI 201 Chinese IV 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus is on communicative competency and accuracy. Together with CHI 200, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): CHI 200 or placement test.

CHI 300 Advanced Chinese Reading and Composition 3 Credits
This course develops Chinese reading and writing skills within a cultural context and aided by a systematic review and expansion of grammar and vocabulary. Using literary, journalistic, business and other sources, students learn various writing discourses and their Chinese variants including narration, description, exposition, and journalistic, business documentation and letter writing. Some translation is used to encourage linguistic analysis. Interviews with native speakers, Chinese Americans, and working with students from China enhance the cultural understanding of students necessary for meaningful reading and writing. **Prerequisite**(s): CHI 201 or placement test.

CHI 307 Images of Women in Chinese Literature and Film 3 Credits
This course will introduce students to the (change of) status of women in China through literature and film. Students will explore the rich Chinese literary traditions and examine how the images of women are represented by both male and female writers/directors in fiction and film of different historical periods. In the process of such exploration and examination, students will also examine how the literary movements and their historical, social, cultural and political contexts shape, and are shaped by, each other. They will learn to understand how diverse the experiences of Chinese women are. While students will be exposed to both classic and modern/contemporary literary traditions, the focus will be on the latter, such as May 4th New Culture Movement, Maoist revolutionary literature, (Post-Mao) Wound/Scar Literature, Root-Searching Literature, etc. Classes are in English.

CHI 310 Chinese Culture and Civilization 3 Credits
This course introduces students to Chinese Civilization and Culture. Through reading, viewing, discussion, and presentation, students will have a chance to "experience" Chinese cultural riches and "interact with" its long history, religions, philosophies, literature and art, politics, as well as its different peoples and diverse customs. We will learn about China's ancient dynasties and its cultural and aesthetic achievements in the past, and its modern revolutions, nationalism, communism, and post-Mao economic and political reforms today. We will also explore Chinese customs, particularly festivals, and try to gain an appreciation of different social relationships and diverse cultural practices. No knowledge of Chinese required. This course offers an optional TRIP TO CHINA during Spring Break or in May WHICH WILL EARN 3 ENGAGED LEARNING POINTS. Interested students must register for the travel course separately from taking CHI 310.

CHI 311 Calligraphy As a Window to Chinese Language and Culture 3 Credits
This course provides students with a chance to gain an intimate knowledge of Chinese language and culture through calligraphy. Students will learn the basic principles and techniques of writing Chinese characters with the writing brush. They will be introduced to the pronunciation, the composition and evolution of Chinese characters so that they will be able to read and understand what they write. Students will also learn how calligraphy is immersed in various aspects of Chinese culture. The main content of the course derives from examining applications of calligraphy to poetry, painting, and core concepts of Confucianism, Daoism and Buddhism. They will have a chance to cross time and space, having dialogues with Confucius, experiencing Buddhist bliss of final "awakening" or "enlightenment" and abandoning themselves to the Daoist spontaneous flow with the movement of Nature and the cosmos. No knowledge of Chinese language is required.

CHI 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

CHI 500 Democracy, Revolution/Reform and Literary Movement in Modern China 3 Credits
This course will exam representative works in modern and contemporary Chinese literature from the May 4th period to the "Red Classics Era" or to various Post-Cultural Revolution literary movements, situating them in their social, political, and historical contexts, exploring them as an imaginary space where various cultural and political values are contested, a space where modern Chinese identity is defined and redefined, and a space against which the trajectory of China's search for democracy and modernization is mapped. The literary movements that will be examined are May 4th Literary Movement at the beginning of the 20th century; Maoist / Communist Literature from 1949 to the Great Cultural Revolution (1966-1976); Wound/Scar Literature from the late 1970s to early 1980s; Root-searching literature from mid-1980s to the late 1980s; Postmodern Play Literature and Reform Literature from 1990s to the present.

IND 210 Global Encounters 3 Credits
This course provides students with an exposure to foreign cultures consisting of both travel and study components. Destinations may include countries in Europe, Latin America, or Asia. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. A travel fee is required. No foreign language skills are required unless otherwise indicated.

Chinese and Asian Area Studies

Program Overview

Chinese and Asian area studies is a multi-disciplinary minor that aims to provide students with a complex and interrelated knowledge base from which to understand China as a historical and cultural entity. The minor incorporates the study of language, the humanities and the social sciences. Students are encouraged to incorporate study abroad in their program and can complete the minor with an independent research project.

The minor, drawing on the breadth and strengths of departments in the Liberal Arts, will guide students into the field systematically through course work and education abroad opportunities as well as co-curricular activities such as lectures, symposia, colloquia, film festivals, and other events that will help students understand the matrix of Chinese culture. Students will come to understand China in its geographic, topographical and climatological richness; its linguistic, demographic, social, and other cultural formations; and its national and regional, social and political developments. Each student will work with an adviser to help them create

a set of courses that provides a system and structure to the student's academic development.

Minor Offered

- Minor in Chinese and Asian Area Studies

Contact

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Related Programs

- French (p. 277)
- Spanish (p. 527)

Chinese and Asian Area Studies Minor Requirements

(24 credits)

Code	Title	Credits
Chinese Language [1]		
CHI 200 & CHI 201	Chinese III and Chinese IV	6
Gateway Course		
CHI 310	Chinese Culture and Civilization	3
Area-specific Courses		
Select four or five courses from at least three disciplines and no more than two courses from any one discipline:		12-15
CHI 150	Chinese Culture and Basic Language	
CHI 300	Advanced Chinese Reading and Composition	
CHI 307	Images of Women in Chinese Literature and Film	
CHI 311	Calligraphy As a Window to Chinese Language and Culture	
COM 352	Chinese and American Intercultural Communication	
HIS 286	Modern East Asia	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
PHL 207	Asian Philosophy	
PHL 358	Chinese Philosophy	
SOC 341	Developing Societies	
Total Credits		**24**

1

Students who place out of CHI 200 must take CHI 201 and one additional Chinese language course at the 300 or 400 level. Students who place out of CHI 200 and CHI 201 must complete one Chinese language course at the 300 or 400 level.

Notes:

1. Study Abroad or domestic experience within a Chinese linguistic context or business environment - study, service-learning or internships - may meet some of the minor requirements upon consultation with the student's advisor. Students must take at least one course in the Chinese and Asian Area Studies Minor upon completion of Study Abroad or a domestic experience as described above.
2. Independent Research and Study courses and Baccalaureate Honors courses may be substituted in consultation with the Area Studies Program director.
3. Students must receive a grade of "C" or better in courses required for the major or minor in the department. If a student receives a grade lower than "C" in a required course, the student must meet with his/her academic advisor to discuss the appropriate action that must be taken to remedy the situation.

Courses and Descriptions

CHI 150 Chinese Culture and Basic Language 3 Credits
This course integrates beginning-level functional Mandarin Chinese language skills acquisition with the knowledge of Chinese business practices and culture as well as hands-on information and strategies for successful inter-cultural encounters. Students gain practical basic language skills through classroom practice and the use of audio/video and computer materials. Readings, films, documentaries, and lectures in English by members of the business community enable students to integrate language acquisition with practical cultural knowledge and cross-cultural awareness. Examination of Chinese customs highlights social relationships and cultural practices. No knowledge of Chinese language is required. This course does not fulfill the CLAS foreign language requirement.

CHI 200 Chinese III 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 201, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CHI 101 or placement test.

CHI 201 Chinese IV 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus is on communicative competency and accuracy. Together with CHI 200, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): CHI 200 or placement test.

CHI 300 Advanced Chinese Reading and Composition 3 Credits
This course develops Chinese reading and writing skills within a cultural context and aided by a systematic review and expansion of grammar and vocabulary. Using literary, journalistic, business and other sources, students learn various writing discourses and their Chinese variants including narration, description, exposition, and journalistic, business documentation and letter writing. Some translation is used to encourage linguistic analysis. Interviews with native speakers, Chinese Americans, and working with students from China enhance the cultural understanding of students necessary for meaningful reading and writing.
Prerequisite(s): CHI 201 or placement test.

CHI 307 Images of Women in Chinese Literature and Film 3 Credits
This course will introduce students to the (change of) status of women in China through literature and film. Students will explore the rich Chinese literary traditions and examine how the images of women are represented by both male and female writers/directors in fiction and film of different historical periods. In the process of such exploration and examination, students will also examine how the literary movements and their historical, social, cultural and political contexts shape, and are shaped by, each other. They will learn to understand how diverse the experiences of Chinese women are. While students will be exposed to both classic and modern/contemporary literary traditions, the focus will be on the latter, such as May 4th New Culture Movement, Maoist revolutionary literature, (Post-Mao) Wound/Scar Literature, Root-Searching Literature, etc. Classes are in English.

CHI 310 Chinese Culture and Civilization 3 Credits
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This course provides students with a chance to gain an intimate knowledge of Chinese language and culture through calligraphy. Students will learn the basic principles and techniques of writing Chinese characters with the writing brush. They will be introduced to the pronunciation, the composition and evolution of Chinese characters so that they will be able to read and understand what they write. Students will also learn how calligraphy is immersed in various aspects of Chinese culture. The main content of the course derives from examining applications of calligraphy to poetry, painting, and core concepts of Confucianism, Daoism and Buddhism. They will have a chance to cross time and space, having dialogues with Confucius, experiencing Buddhist bliss of final "awakening" or "enlightenment" and abandoning themselves to the Daoist spontaneous flow with the movement of Nature and the cosmos. No knowledge of Chinese language is required.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

HIS 286 Modern East Asia 3 Credits
Examines the disintegration of the Ch'ing dynasty in China and the Tokugawa Shogunate in Japan under internal stresses and foreign incursions, and the varied experience of those states in coming to terms with the challenges of modernization and westernization. Covers political, economic, social, and cultural factors in China, Japan, and East Asia.

HIS 341 China in Revolution 3 Credits
Treats the Chinese Revolution in terms of political, economic, and social transformation.

HIS 342 Women in East Asia 3 Credits
Treats the history of the relationship between women and society in traditional East Asia and the modern transformation of their relationship.

PHL 207 Asian Philosophy 3 Credits
A survey of the principal philosophical perspectives of Asia. Emphasis on the traditional Indian schools of Hinduism, Jainism, and Buddhism, Chinese Confucianism and Taoism, and the development of Zen Buddhism in China and Japan. Philosophical topics include: mystical experience, the ultimate nature of reality, the existence of a soul, the causes of human suffering, and the possibility of release, the nature of virtue and its development, and the nature of society and government. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 358 Chinese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of China. Emphasis on the political philosophies of ancient China. Topics include: human nature and the development of virtue, the nature and purpose of government, and the cognitive value of mystical experience. Philosophers such as Confucius, Laozi, Xunzi, Mencius, Mozi, and Zhuangzi will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

SOC 341 Developing Societies 3 Credits
Examines theories explaining patterns of development; indicators and measures of social well-being; and problems such as population, hunger and environmental crises in developing countries. Focuses especially on patterns of development in Latin America or China.
Prerequisite(s): SOC 101.

Communication Studies

Program Overview

In Rider's Communication Studies program, students hone their writing, research, verbal and nonverbal communication skills, all of which are vital for people entering the communication fields. By stressing the importance of both verbal and nonverbal proficiency, the program provides students with the skills and confidence they need to become successful as they begin their careers. In addition, most students participate in internships in order to supplement classroom learning and move into their career of choice upon graduation.

Curriculum Overview

In addition to the department and major core courses, students can take a variety of courses that will allow them to delve into specific areas of interest. These particular interest areas include but are not limited to communication and culture, organizational communication, communication, and popular culture, or advocacy. In the capstone course, students bring together their research and presentation skills as they conduct comprehensive research on topics of their choosing, learning from faculty who themselves are researchers in the field.

Students also have the opportunity, even in their first year, to write and present academic research papers and showcase their work at undergraduate conferences both locally and regionally. Students graduate with the skills needed to critically analyze a problem, research possible answers, evaluate information, and report findings in an accessible manner. In a fast-changing world, these are invaluable skills.

Degree Offered

- B.A. in Communication Studies
- Minor in Communication Studies

Contact

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Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs:

- Public Relations (p. 482)
- Journalism (p. 346)
- Radio and Podcasting (p. 493)
- Sports Media (p. 538)
- Graphic Design (p. 301)
- Health Communication (p. 317)
- Social Media Strategies (p. 512)
- Event Planning and Production (p. 261)
- Political Communication (p. 447)
- Web Design (p. 561)

Communication Studies Major Requirements

(51 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core Courses		**21**
COM 105	Communication, Culture and Media	
COM 107	Writing for the Media	
COM 131	Fundamentals of Video Production	
COM 204	Advanced Speech Communication	
COM 264	Digital Media: Theory and Practice	
COM 301	Communication Law	
COM 302	Communication Ethics	
Communication Studies Major		
Required Courses		**24**
COM 201	Communication Theory	
or COM 205	Persuasion	
COM 207	Social Media and Social Change	
or COM 237	Rhetoric in the Digital Age	
COM 252	Intercultural Communication	
COM 318/GSS 318	Gender and Communication	
or COM 251	Interpersonal Communication	
COM 322	Argumentation and Advocacy	
or COM 304	Rhetoric for Politics and Law	
COM 348	Communication Research Methods	
COM 350	Team & Group Communication	
COM 452	Seminar in Communication Studies	
or COM 399	The Co-Operative Experience	
or COM 491	Internship in Communication	
Select two of the following courses:		**6**
COM 150	Introduction to Critical Media	
COM 221	Speaking for Broadcast and Digital Media	
COM 239	Script Writing for Comic Books	
COM 240	Public Relations	
COM 253	Organizational Communication	
COM 254	Intro to Health Communication	
COM 321	Stand Up Comedy	
COM 324	Political Rhetoric and Democratic Culture	
COM 325	Rhetoric of American Labor	

COM 330/FTV 330	Documenting Cultures Through Travel
COM 353	Nonverbal Communication
COM 355	Social Justice and Journalism
COM 391	Communication Criticism
COM 390	Communication and Society
Total Credits	**51**

Notes

1. Students may not carry a double major within the department. Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.
2. If a student receives a grade lower than "C" in a course required in a major or minor in the department, the student must repeat the course. Credit will only be awarded once for a course that is repeatable. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Communication Studies Minor Requirements

(21 credits)

Code	Title	Credits
Select seven courses from the following		21
COM 104	Speech Communication	
COM 150	Introduction to Critical Media	
COM 201	Communication Theory	
COM 203	Introduction to Social Media	
COM 207	Social Media and Social Change	
COM 204	Advanced Speech Communication	
COM 205	Persuasion	
COM 221	Speaking for Broadcast and Digital Media	
COM 237	Rhetoric in the Digital Age	
COM 240	Public Relations	
COM 251	Interpersonal Communication	
COM 252	Intercultural Communication	
COM 253	Organizational Communication	
COM 254	Intro to Health Communication	
COM 290	Professional/Strategic Speech	
COM 304	Rhetoric for Politics and Law	
COM 318	Gender and Communication	
COM 321	Stand Up Comedy	
COM 322	Argumentation and Advocacy	
COM 324	Political Rhetoric and Democratic Culture	
COM 325	Rhetoric of American Labor	
COM 330	Documenting Cultures Through Travel	
COM 348	Communication Research Methods	
COM 350	Team & Group Communication	
COM 353	Nonverbal Communication	
COM 355	Social Justice and Journalism	
COM 391	Communication Criticism	
COM 393	International Communication	
COM 399	The Co-Operative Experience	
COM 452	Seminar in Communication Studies	
COM 491	Internship in Communication	
Total Credits		**21**

Notes:

1. Communication and Journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department. (Exception: If a student elects either the Advertising or Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.)

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 105	Communication, Culture and Media	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
Social Perspectives		3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language [1]		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 107	Writing for the Media	3
COM 201 or COM 205	Communication Theory or Persuasion	3
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**

Year 3		
Fall Semester		
COM 204	Advanced Speech Communication	3
COM 252	Intercultural Communication	3
COM 348	Communication Research Methods	3
COM 322 or COM 304	Argumentation and Advocacy or Rhetoric for Politics and Law	3
Elective Course Credit [2]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 207 or COM 237	Social Media and Social Change or Rhetoric in the Digital Age	3
COM 251 or COM 318	Interpersonal Communication or Gender and Communication	3
COM 301	Communication Law	3
Elective Course Credits [2]		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 350	Team & Group Communication	3
Elective Course Credits [2]		6
Communication Studies Elective		3
	Semester Credit Hours	**15**
Spring Semester		
COM 452 or COM 491 or COM 399	Seminar in Communication Studies or Internship in Communication or The Co-Operative Experience	3
Communication Studies Elective		3
Elective Course Credits [2]		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance -- that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/ instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements. **Prerequisite**(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Creativity and Innovation Certificate

Overview

In today's ever-changing and competitive economic landscape, creativity and innovation are prerequisites not only for success but for survival at the organizational level and job marketability at the individual level. The ability to adapt to change and deal with uncertainty and constraints creatively becomes critical for securing a good entry job and subsequently becoming successful in the workplace.

The proposed certificate aims to develop an important skillset in Rider students, namely, thinking and acting creatively, whether for problem-solving or innovation purposes. More generally, it aims to better prepare the students to navigate uncertain and ever-changing environments and to rise to these challenges in their professional careers.

Certificate Offered

- Certificate in Creativity and Innovation

Contact

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Requirements for the Creativity and Innovation Certificate

(11-12 credits)

Code	Title	Credits
Select one of the following courses (3 credits):		**3**
PSY 100	Introduction to Psychology	
PSY 102	Explorations in Psychology Honors	
PSY 110	Psychology:The Science of Well-being	
PSY 117	Psychology of Creativity	
Required two courses (6 credits):		
PSY 210	Organizational Psychology	3
PSY 367	Creativity and Innovation	3
Select one elective course from the following (2-3 credits):		**2-3**
Select from the following:		

Any course with the designation *490 Independent Research and Study	
Any course from among the following pre-approved Creativity and Innovation electives:	
ART 150	Digital Foundations
BHP 251	Idea to Innovation
BHP 252	Creativity and Design Thinking
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity
CIS 388	Design Thinking
ENG 206	Introduction to Creative Writing
ENG 245	Creativity
ENG 303	Creative Writing: Poetry
ENG 304	Creative Writing: Fiction
ENG 305	Creative Writing: Nonfiction
ENG 306	Creative Writing: Drama
ENG 311	Creative Writing: Playwriting
ENT 100	Innovation and Entrepreneurship
IND 133	Creativity: Edu & Psych Persp
ME 592	Creativity & Music Technology
PSY 324	Play and Imagination
THE 118	Visual Imagination
Any internship experience or 2-3 credit course not listed above that has a strong, demonstrable creativity/creative problem solving/innovation component, as approved by the Program Chair.	
Total Credits	**11-12**

Courses and Descriptions

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 102 Explorations in Psychology Honors 3 Credits
The course introduces the history of psychology, and demonstrates how the discipline is a science. It provides students with experience exploring the mind, behavior, and the relationship between the two, from multiple perspectives, including biological, behavioral, cognitive, developmental, humanistic, social, and abnormal. It tackles questions including (but not limited to) how different areas of the brain are involved in behavior and are affected by injury, how humans sense and perceive the world, how states of consciousness differ from one another, how humans learn, remember, communicate, and develop, what motivates humans to behave in particular ways, how social groups affect behavior and decision-making, and what happens when behavior and emotions deviate from what is typical.

PSY 110 Psychology:The Science of Well-being 3 Credits
This course uses theory and methods of psychology to examine the question: How to make a good life? Students will learn how psychology examines the ways that motivation, intellect, relationships, self-respect and a healthy lifestyle contribute to happiness, well-being, and flourishing. Students will learn how psychology examines human nature through observation and experimentation. Students will understand how psychology applies research to improve human well-being. Students will leave the course with a better understanding of themselves and their connection to others, and apply their self-knowledge to their personal goals and relationships. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 117 Psychology of Creativity 3 Credits
Is creativity reserved only for geniuses, or can ordinary individuals also be creative? Is it domain-specific or domain-general? How do we measure it? What is the connection between creativity and innovation? Can you and I become more creative, and if so, what factors influence creative thinking? This course surveys the modern theories of creativity and problem solving from a psychological perspective, and their applications to real-world challenges. Specific topics will focus on convergent and divergent thinking, the role of constraints, change, and motivation in creativity, social and personality factors, techniques such as brainstorming, design thinking, and creative problem solving, and innovation in organizations. You will apply what you have learned in hands-on activities that challenge you to propose creative solutions to real-world problems.

PSY 210 Organizational Psychology 3 Credits
Focuses on issues related to human behavior in work settings. Topics include personnel issues such as hiring and promotion decisions, performance appraisals, and methods of on-the-job training. Issues of job satisfaction, motivation, productivity, and effective leadership styles are also examined. Finally, organizational structure as it relates to communication within organizations will be examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 367 Creativity and Innovation 3 Credits
What is creativity, and how do we measure, study, and enhance it? This course will survey the modern theories of creativity from a psychological perspective, with an emphasis on the processes that underlie creative thinking and the variables that influence creative idea generation. Specific topics will include: convergent and divergent thinking, the role of the unconscious in creative ideation, flow and mindfulness, individual and group creativity, techniques such as brainstorming and creative problem solving, the neuroscience of creativity, the role of motivation, and creativity and innovation in organizations. Discussions of theoretical findings will be complemented by in-class activities and assignments that highlight applications to day-to-day living and to larger-scale challenges that require creativity and innovation.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

ART 150 Digital Foundations 3 Credits
Industry standard digital tools are used to explore the basic concepts of composition, form, texture, value, and color in two-dimensional design. Further consideration of digital formats and technologies in the visual arts will be highlighted.

BHP 251 Idea to Innovation 3 Credits
The pharmaceutical industry comprises an incredibly diverse team of thinkers, including accountants and biochemists, who are all on a quest to improve human health. The development of medical treatments relies on pivotal insights from the scientific laboratory, but turning these ideas into practical medical innovations requires the solving of many problems outside of the scientific field. Through the examination of historical and contemporary case studies, this course will investigate the nature of science as it is practiced in the real world. How are problems identified and ideas generated and refined? What political and sociological challenges does the industry encounter? Who pays for all of this? By exploring growth in the pharmaceutical industry from the inside, students in this class will gain a deeper understanding of both science and business and how these disciplines interact in order to enhance and extend human life.

BHP 252 Creativity and Design Thinking 3 Credits
Creative, interdisciplinary, and collaborative work is being recognized as increasingly important for innovation and solving global problems of the 21st century. This course will introduce students to a much-needed framework for dealing with unstructured problems for creative problem solving, and a process for innovation. The course consists of two related parts: the psychology of creativity provides a foundational basis of knowledge and discussion, and the design thinking framework serves as an example of a powerful creative thinking strategy that an increasing number of individuals and organizations have used successfully over the past decade.
Prerequisite(s): BHP 100 or CMP 120; non-BHP students POI only.

BHP 307 Presence of Mind — Artificial Intelligence and Human Creativity 3 Credits
What is Artificial Intelligence (AI)? In what ways can computers "think"? How is their "thinking" similar to and different from that of humans? Through readings, lectures, discussions, and creative projects, students will investigate evidence of intelligence and creativity in various disciplines including music composition, art, and human and non-human systems. We will examine historical precedents and ponder likely developments in this area in the twenty-first century. No prior experience with computers or music is required.

CIS 388 Design Thinking 3 Credits
This undergraduate course on Design Thinking provides students with a framework for dealing with unstructured problems to create innovative business solutions. Students in this course will learn about the complex and iterative process of design thinking and its several phases, including problem finding, observation, visualization and sense making, ideation, prototyping and testing, and explore the value of design thinking for creating business solutions with lasting impact. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): JR/SR, 54+ credits, or POI.

ENG 206 Introduction to Creative Writing 3 Credits
A workshop that introduces students to basic conventions and techniques of creative writing. Students will read and study published writing in multiple genres, such as short fiction, drama, poetry, and creative nonfiction, and write and revise their own creative pieces.

ENG 245 Creativity 3 Credits
This course is an introduction to the history of literary creativity and the related topics of invention, genius, imagination, and originality. It examines theories of literary creativity throughout history from ancient ideas about the origins of inventiveness to recent theories. It looks at select works in English and other sources, and it looks at the subject of creativity in poetic, prose, and dramatic works.
Prerequisite(s): English Literature majors should take all Gateway Courses before they take 300- and 400- level courses.

ENG 303 Creative Writing: Poetry 3 Credits
A workshop analyzing the techniques of poetic expression, with a focus on the student's original experiments in traditional and contemporary verse forms.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 304 Creative Writing: Fiction 3 Credits
Students write original fiction and analyze the techniques of writing fiction in discussion of both their own drafts and published examples of the form.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 305 Creative Writing: Nonfiction 3 Credits
A workshop in Creative Nonfiction (aka Literary Nonfiction or Narrative Nonfiction, abbreviated CNF) in which students will write and read different forms of memoir and essay, including Personal Essay, Lyric Essay, Travel Writing, Oral History, and Personal Profiles. Creative Nonfiction (CNF) tells true stories using the literary techniques of fiction-writing, such as building dramatic scenes, establishing suspense, and developing a narrative sequence of events, or plot. CNF employs vivid sensory detail and builds characters and scenes to enhance the reader's experience of the story. Challenging the traditional journalist's stance of objectivity and emotional distance from her topics, CNF writers often put themselves into their stories to create a voice of reflection. We'll talk about what types of creative license CNF gives writers, and also about the ethics of storytelling, especially when your story's characters are real, living people.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 306 Creative Writing: Drama 3 Credits
Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and countercultures, popular commemorations like World's Fairs, and political culture. Some of the largest trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

IND 133 Creativity: Edu & Psych Persp 3 Credits
This course will examine both psychological and educational research about creativity. It will consider the various definitions of creativity that have guided research and theory; compare current theories of creativity in the fields of education and psychology, including cognitive, personality, and motivational theories; review research regarding what has been termed the "dark side"of creativity, including possible links to mental illness; and consider if and how schools and colleges might include creativity in admissions and promote creativity among students.

ME 592 Creativity & Music Technology 2 Credits
Creativity and Technology in the Music Classroom is designed to prepare students to foster musical creativity using a variety of approaches and tools. In particular, students will use equipment such as digital audio workstations, MIDI controllers, microphones, and SmartBoards to facilitate rich and engaging creative experiences. Students will explore ways to structure learning experiences in response to the needs and interests of students, and will examine current thinking and trends related to the uses of creativity and technology in the music classroom. **Prerequisite**(s): Junior status or permission of instructor.

PSY 324 Play and Imagination 3 Credits
This course surveys two of the most important manifestations of children's imagination: pretend play and imaginary companions. It will discuss the evolution of play, the purpose of play, the role of play in the development of creativity, and individual differences in play (e.g., among children of different gender, cultures, and ability levels). Finally, it will discuss the application of play to therapeutic methods for children. **Prerequisite**(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

THE 118 Visual Imagination 3 Credits
Introduction to the visual world of theater design. Visual examples, physical exercises and handcraft of composition and style, with dramatic input and meaning. The course explores how to translate ideas in a dramatic text into a visual context.

Computer Science

Program Overview

The Computer Science program at Rider is focused on providing a strong foundational education for its students. Students in this program enjoy small class sizes, dedicated faculty and the opportunity to apply their skills to real-world problems in a variety of settings. Computer science, with a focus on problem solving, optimization, collaboration and security, equips students to succeed in the workplace and in graduate school.

Curriculum Overview

Students studying computer science will develop a broad technical understanding of the field, and will gain a deep appreciation of computing and its functions. Students collaborate while applying their knowledge to real world problems. During the course of their studies, students will develop a passion for lifelong learning and a professional responsibility to uphold ethical behavior. Foundational classes in mathematics, physics and computer science prepare them for upper level courses on Computer Organization and Architecture, Operating Systems, Secure Software Engineering, Data Engineering and Parallel and Distributed Systems. Students are offered a variety of upper-level electives, including Human Computer Interaction, Cybersecurity, and internship opportunities. Rider's computer science faculty are engaged in research and students are encouraged to apply their computational skills to a variety of research projects in the sciences.

Student Learning Outcomes

Graduates of the Computer Science major will be able to:

1. Graduate with a broad technical understanding of computer science.
2. Graduate with a deep appreciation of computing and its functions.
3. Graduate with the ability to collaborate and apply their knowledge to real world problems.
4. Graduate with a passion for lifelong learning, professional responsibility to uphold ethical behavior.

Degrees Offered:

- B.S. in Computer Science

Contact

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Program Website: Computer Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/computer-science/)
Associated Department: Department of Computer Science and Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/computer-science-physics/)

Related programs:

- Mathematics (p. 399)
- Physics (p. 445)
- Cybersecurity (p. 140)

Computer Science Major Requirements

Note: A grade of 'C' or better is required in 100-level CSC or CYB courses.

(64 Credits)

Code	Title	Credits
Computer Science Core		
CSC 110	Computer Science I	3
CSC 120	Computer Science II	3
CSC 130	Data Structures and Algorithms	3
CSC 140	Discrete Structures	3
CSC 150	Cyber Ethics and Societal Impact	3
CSC 200	Introduction to Software Engineering	3
CSC 220	Computer Organization and Architecture	3
CSC 230	Probability for Computer Science	3
CSC 240	Operating Systems	3
or CYB 200	Operating Systems & Cybersecurity	
CSC 350	Analysis of Algorithms	3
Mathematics		

MTH 210	Calculus I	4
MTH 211	Calculus II	4
Physics		
PHY 200 & 200L	General Physics I and General Physics I Lab	4
PHY 201 & 201L	General Physics II and General Physics II Lab	4
Elective Courses		**6**
Select two of the following courses:		
CIS 270	Computer Networking [1,2]	
CSC 310	Theory of Computation	
CSC 320	Human-Computer Interaction	
CIS 330	Database Systems [1,2]	
CSC 380	Parallel and Distributed Systems	
CSC 490	Independent Research and Study	
CSC 491	Internship in Computer Science	
Track Requirements		**12**
Complete one of the following tracks:		
Track: Cyber Security		
CYB 240	Ethical Hacking and Penetration Testing	
CSC 250	Software Security Engineering	
CYB 260	Network Defenses and Countermeasures	
CSC 340	Cybersecurity Essentials	
Track: Artificial Intelligence		
CSC 360	Concept of Artificial Intelligence	
CSC 400	Introduction to Machine Learning	
CSC 410	Data Science and Big Data Analytics	
CSC 470	Special Topics in Artificial Intelligence	
Track: Software Engineering		
CSC 301	Software Requirements & Modeling	
CSC 390	Software Design & Construction	
CSC 420	Software Testing, Verification, and Validation	
CSC 430	Software Quality Assurance	
Track: General [3]		
Select two of the following:		
CSC 301	Software Requirements & Modeling	
CSC 340	Cybersecurity Essentials	
CSC 360	Concept of Artificial Intelligence	
CSC 390	Software Design & Construction	
Select two of the following:		
CSC 400	Introduction to Machine Learning	
CSC 410	Data Science and Big Data Analytics	
CSC 420	Software Testing, Verification, and Validation	
CSC 430	Software Quality Assurance	
CSC 470	Special Topics in Artificial Intelligence	
Total Credits		**64**

1

This course is offered through the Information Systems, Analytics, and Supply Chain Management program in the Norm Brodsky College of Business.

2

CIS 185 pre-requisite is waived for CSC majors.

3

Students may also choose from the electives listed above, but are required to take unique courses (i.e., no double counting).

Computer Science Minor Requirements

(21 credits)

Code	Title	Credits
CSC 110	Computer Science I	3
CSC 120	Computer Science II	3
CSC 130	Data Structures and Algorithms	3
CSC 140	Discrete Structures	3
CSC 150	Cyber Ethics and Societal Impact	3
Select two of the following courses:		**6**
CSC 220	Computer Organization and Architecture	
CSC 230	Probability for Computer Science	
CSC 240	Operating Systems	
CSC 250	Software Security Engineering	
CSC 310	Theory of Computation	
CSC 320	Human-Computer Interaction	
CSC 340	Cybersecurity Essentials	
CSC 350	Analysis of Algorithms	
CSC 380	Parallel and Distributed Systems	
CSC 410	Data Science and Big Data Analytics	
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CSC 110	Computer Science I	3
CSC 140	Discrete Structures	3
MTH 210	Calculus I [1]	4
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**16**
Spring Semester		
CSC 120	Computer Science II	3
CSC 150	Cyber Ethics and Societal Impact	3
MTH 211	Calculus II	4
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CSC 130	Data Structures and Algorithms	3
CSC 230	Probability for Computer Science	3

Social Perspectives		3
Aesthetic Perspectives: Literature		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Spring Semester		
CSC 200	Introduction to Software Engineering	3
CSC 220	Computer Organization and Architecture	3
CSC 240 or CYB 200	Operating Systems or Operating Systems & Cybersecurity	3
Social Perspectives		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
PHY 200	General Physics I	4
PHY 200L	General Physics I Lab	0
CSC Upper-Level Elective		3
CSC Track Elective		3
Foreign Language		3
Philosophical Perspectives		3
	Semester Credit Hours	**16**
Spring Semester		
CSC 350	Analysis of Algorithms	3
CSC Upper-Level Elective		3
PHY 201	General Physics II	4
PHY 201L	General Physics II Lab	0
Foreign Language		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
CSC Upper-Level Elective		3
CSC Track Elective		3
CSC Track Elective		3
Two Elective Courses [2]		6
	Semester Credit Hours	**15**
Spring Semester		
CSC Upper-Level Elective		3
CSC Track Elective		3
Two Elective Courses [2]		6
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**121**

1 For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2 Please note that elective credits may be used to complete requirements in a second major or a minor.

Courses and Descriptions

CSC 105 Fundamentals of Computer Science 3 Credits
This course offers an introduction to fundamental areas of study in computer science - their applications, capabilities, and boundaries. Topics include computer organization, algorithms design and analysis, programming paradigms, software development process, operating systems responsibilities, applications, and communications. Hands-on python programming is also introduced in this course from a non-mathematical problem-solving point of view. Basic programming constructs include statements, expressions, variables, control structures, functions, and file operation.

CSC 110 Computer Science I 3 Credits
This course is an introduction to computer science and modern computing fundamentals. Students will develop programs and algorithms to solve a variety of problems posed in the natural sciences. Students will learn to code in Python, a widely adopted language, and learn the basics of algorithms, data types, program structure and development,
Prerequisite(s): MTH 105 or MTH 106 or MTH 210 or concurrent enrollment. MTH 210 or MTH 106 preferred for CSC majors.

CSC 120 Computer Science II 3 Credits
This course is an introduction to developing algorithms using abstract data types and the object-oriented methodology. Students will design and implement robust ADTs using Java, an object-oriented programming language. Students will learn how to develop their own algorithms and the best techniques for analyzing their performance. Students will be able to adapt the course knowledge to real world, practical challenges.
Prerequisite(s): CSC 110.

CSC 130 Data Structures and Algorithms 3 Credits
This course is a study of data structures and the algorithms used to process them. Topics include stacks, queues, lists, trees, graphs, sorting and searching techniques, recursive algorithms, and efficiency considerations. This course will give students a comprehensive study in data structures and algorithms which are the building blocks in programming.
Prerequisite(s): CSC 120.

CSC 140 Discrete Structures 3 Credits
This course is an introduction to the ideas and techniques from discrete mathematics as widely applied to Computer Science. Topics include sets, numbers, algorithms, logic, combinatorics, recursion principles, graph theory, trees, and discrete probability.
Prerequisite(s): MTH 105 or or concurrent enrollment or MTH 106 or concurrent enrollment or MTH 210 or concurrent enrollment.

CSC 150 Cyber Ethics and Societal Impact 3 Credits
This course will investigate the ethical and social challenges stemming from computing and telecommunication technology, as well as from mobile information-enabling devices. Topics include: cyber ethics, global and societal impact of the Internet, ethical analysis tools, ethical dimensions of computer system reliability, professional ethics, ethical frontiers in emerging technologies, privacy, security, intellectual property, cybercrime, and civil liberties in cyberspace. CSC 150 is a required course for CSC majors and minors. This course will be open to other math and science majors.
Prerequisite(s): CMP 120 or CMP 125 or BHP 100 or BHP 150 may be taken concurrently.

CSC 200 Introduction to Software Engineering 3 Credits
This course introduces software engineering ideas and concepts in the context of the software development life cycle. The course will discuss fundamental methodologies of software engineering, the Software Development Life Cycle (SDLC) and Unified Modeling Language (UML), which is a modeling language in the field of software engineering. It also concentrates on the five major phases of the SDLC: requirements engineering, requirements analysis, design, coding/implementation, and testing. Students will also learn about project management which is used for delivering high-quality software that satisfies customer needs and budgets. Prerequisite(s): Sophomore or Junior Standing
Prerequisite(s): CSC 120.

CSC 220 Computer Organization and Architecture 3 Credits
An introduction to the fundamental concepts of computer organization and architecture, this course explores how computer systems execute programs and manipulate data, working from the C programming language down to the microprocessor. Topics include: processor organization, Assembly and C programming languages, machine-level code, data representation, digital logic gates and Boolean algebra, computer arithmetic, code compilation, memory organization and management, interrupts, and performance evaluation and optimization. CS 220 is a required course for CS majors.
Prerequisite(s): CSC 130, CSC 140.

CSC 230 Probability for Computer Science 3 Credits
This course is an overview of probability theory and its application to computer science. Students will develop an understanding of combinatorics, variables, distributions, and parameter estimation. Applications to real world data and large datasets are also studied, with an introduction to machine learning.
Prerequisite(s): MTH 211 or concurrent enrollment.

CSC 240 Operating Systems 3 Credits
The course will study the basic concepts, design and implementation of operating systems. Topics to be covered include an overview of basic computing hardware components, operating system structures, process management, memory management, concurrency, resource allocation and scheduling, file systems, input/output systems, protection and security. CS 240 is a required course for CS majors.
Prerequisite(s): CSC 130.

CSC 250 Software Security Engineering 3 Credits
Secure software engineering focuses on both theoretical and practical perspectives in the development of software systems, exploring secure software design and development methods, software analysis, and reverse engineering. Emphasis is placed on security as part of the software engineering lifecycle, as well as on the correctness and robustness of code. CSC 250 is a required course for CS majors.
Prerequisite(s): CSC 200.

CSC 301 Software Requirements & Modeling 3 Credits
This course is intended to introduce students with the techniques for eliciting requirements. . The course will consider the past, present and future standards and approaches in requirements engineering. This course will specifically focus on identifying and analyzing requirements for various types of systems: embedded systems, consumer systems, web-based systems, business systems, systems for scientists and other engineers. Prereq(s): CSC 200.

CSC 310 Theory of Computation 3 Credits
This course introduces a formal framework for investigating both the computability and complexity of problems. Theoretical foundations of computer science and formal models of computation are covered. Students study several models of computation including finite automata, regular expressions, formal languages, Chomsky language hierarchy, context-free grammars and Turing machines. Topics include undecidable problems, the halting problem and the P versus NP problem.
Prerequisite(s): CSC 130 and CSC 140.

CSC 320 Human-Computer Interaction 3 Credits
This course presents Human-Computer Interaction (HCI) as a discipline that is concerned with technical advance, and that must integrate different disciplinary perspectives. Foundational theoretical issues deal with principles of human perception, visual representation and purposeful action, discussed in the context of novel interactive technologies and computer-based systems. It examines issues in the design of system interfaces from a number of perspectives: user, programmer, and designer.
Prerequisite(s): CSC 130.

CSC 340 Cybersecurity Essentials 3 Credits
This course is an in-depth study of the theories and practices for prevention of cyber attacks. Countermeasures discussed include education, encryption, virtual private networks, policies, practices, access controls, secure systems development, software assurance, verification and validation, firewall architectures, anti-virus, patching practices, personnel security practices, and physical security practices. Topics also include incident response, forensic investigations, business continuity plans, disaster recovery plans, and critical infrastructure protection.
Prerequisite(s): CSC 150.

CSC 350 Analysis of Algorithms 3 Credits
This course investigates methods for analyzing and designing efficient and reliable algorithms, emphasizing methods useful in practice. It introduces several algorithm design strategies that build on data structures and programming techniques learned in the introductory computer science course sequence. Topic coverage includes induction, divide-and-conquer, dynamic programming, network flow, randomization, complexity theory, greedy algorithms, searching and sorting algorithms, cryptographic algorithms, graph theory, hashing, and advanced data structures. CSC 350 is a required course for CS majors.
Prerequisite(s): CSC 130 and CSC 140.

CSC 360 Concept of Artificial Intelligence 3 Credits
This course offers an introduction to the basic principles, techniques, and applications of Artificial Intelligence. Topics to be covered include agent design, advanced search algorithms and heuristics, knowledge representation, logic, inference, game theory, advanced planning, and learning. Prereq(s): CSC 130 and CSC 230.

CSC 380 Parallel and Distributed Systems 3 Credits
Widely deployed in scientific computing centers and commercial data centers, large-scale parallel and distributed systems (PDS) are crucial to scientific discovery, business success, national security, and technology innovation. This course examines the design and analysis of large scale computing systems for processor- and data-intensive applications with the focus on the technologies and factors that impact the performance, power, resilience, and scalability of modern parallel and distributed systems. Topics include the organization of multicore computers, parallel computer clusters, computing grids, supercomputers, client-server systems, and peer-to-peer systems; computer networks and network protocols; network security; multithreaded programming; and network programming.
Prerequisite(s): CSC 220 and (CSC 240 or CYB 200).

CSC 390 Software Design & Construction 3 Credits
This course introduces students to software design methodologies and also equips them with the knowledge and skills necessary to design large-scale software and to improve the quality of end products. Design techniques and methodologies for improving the productivity of software development and the quality of software are introduced. The course explores fundamental design concepts and notations with emphasis on Unified Modeling Languages (UML) and design patterns.
Prerequisite(s): CSC 200.

CSC 400 Introduction to Machine Learning 3 Credits
This course focuses on the fundamental concepts, theories, and algorithms for machine learning. The course briefly covers topics in supervised, unsupervised, reinforced, and deep learning including clustering, association, regression, neural network, support vector machines, Bayesian decision theory, decision trees, ensemble learning-the nearest neighbor algorithm and random forest.
Prerequisite(s): MTH 240 and CSC 360.

CSC 410 Data Science and Big Data Analytics 3 Credits
This course serves as an introduction to the interdisciplinary and emerging fields of data science and big data analytics. Students learn to combine tools and techniques from computer science, statistics, data visualization and the social sciences to solve problems using data. Central themes include: the data science and data analytics processes; advanced analytical theory and methods; tools for working with both big and small datasets, statistical modeling, and machine learning. Specific topics and tools include: data wrangling and munging, machine learning algorithms, statistical models, data visualization, NoSQL, Weka, RapidMiner, R, Python, Hadoop, and MapReduce.
Prerequisite(s): CSC 360.

CSC 420 Software Testing, Verification, and Validation 3 Credits
This course discusses the concept software quality assurance and source code review. This course will help students understand the testing concepts and how they can easily apply the concepts to any software testing situation. This course presents the concepts and techniques for testing software and assuring its quality. Concepts that are taught as part of this course are software testing at the unit, module, subsystem, and system levels, automatic and manual techniques for generating and validating test data, the testing process, static vs. dynamic analysis, functional testing, web application testing, and reliability assessments.
Prerequisite(s): CSC 200.

CSC 430 Software Quality Assurance 3 Credits
The course aims to teach the basics of quality management in software development projects. Students will learn the definitions of quality of software product and software process. Students will learn about software quality assurance, software metrics and models in quality management, internal quality and external quality.
Prerequisite(s): CSC 420.

CSC 470 Special Topics in Artificial Intelligence 3 Credits
This is an upper level undergraduate course that covers advanced topics in Artificial Intelligence. Topics vary from one offering to the other. Topics that may be discussed include: Artificial Intelligence/ Machine Learning for Cybersecurity, Computer Vision, Robotics and Automation, Game Theory, Planning and Acting in the real World, Deep Learning, Reinforcement Learning, Decision-making under uncertainty, Image Processing, and Natural Language for Communication.
Prerequisite(s): CSC 360.

CSC 490 Independent Research and Study 3 Credits
Immerses the student in guided research. The student learns to organize material, use the literature, obtain reproducible data, and synthesize the results of the study. If possible, the student will publish the results or present them at a scientific meeting. Available to Junior or Senior students or Sophomores with permission of the department chair.

CSC 491 Internship in Computer Science 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester. Available for juniors and seniors.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Criminal Justice

Program Overview

Rider University's Department of Sociology and Criminology houses a major in criminal justice, as well as a minor in criminal justice studies.

Criminal justice courses provide students, regardless of career goals, with tools for reasoned appraisal of how the criminal justice system works and its social consequences. Experienced faculty members who teach in the Criminal Justice major are available to advise students interested in pursuing a career in criminal justice, law or law-related fields and assist students in course selection and a variety of career paths, including graduate school, law school and criminal justice professionals serving in communities throughout the country in law enforcement, corrections, and the courts.

Curriculum Overview

Criminal Justice students take a total of 14 three-credit courses to complete the major. The curriculum includes a collection of required courses, taken sequentially, that introduce students to criminal justice but also a selection of courses from "topic-based" areas, including legal institutions, social groups and crime, law enforcement and courses from other disciplines that contextualize the major and give students a

perspective from other disciplines. Seminars at the freshman and senior levels provide extensive class participation, personalized instruction, and carefully supervised individual research.

The criminal justice major and minor are designed to provide students with in-depth knowledge and understanding of laws, legal institutions and processes and their relationships to social, moral, political, and economic issues. Students will benefit from learning to approach law (both civil and criminal), and law enforcement from diverse perspectives.

Students can focus their course of study around their specific career goals by selecting from a wide range of courses within the program. In addition, the criminal justice major and minors are often be combined with other major and minor programs.

Student Learning Outcomes

Graduates of the Criminal Justice major will be able to:

1. Use criminological theories to understand the effects of criminal justice policies and crime-related events on society.
2. Interpret how social structure, culture, power, inequality, and economic forces impact our understanding of criminal justice institutions and criminological events.
3. Effectively collect, interpret, and analyze crime-related data using criminological theories as a framework throughout the process.
4. Communicate their understanding of criminal justice phenomena using both verbal and written techniques.

Honors Program in Criminal Justice

Honors in criminal justice may be achieved by earning a 3.5 cumulative average in the discipline and completing, through honors in criminal justice (SOC 496), a senior honors thesis with distinction.

Degree Offered

- B.A. in Criminal Justice
- Minor in Criminal Justice

Contact

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Program Website: Criminal Justice (p. 132)

Associated Department: Sociology and Criminology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/sociology/)

Related Programs

- Gender and Sexuality Studies (p. 284)
- Multicultural Studies (p. 403)
- Philosophy (p. 442)
- Sociology (p. 518)
- Social Work (p. 516)

Criminal Justice Major Requirements

(42 credits) A minimum of 6 courses at 300-level or higher must be selected.

Code	Title	Credits
Category I: Core Courses		**15**
SOC 206	Deviance and Crime [1]	
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections [1]	
PHL 115	Ethics	
SOC 307	Criminal Justice Practice	
SOC 460	Criminal Justice Senior Seminar [2]	
Category II: Research Methods and Applications		**3**
Select one of the following:		
POL 230	Methods of Political Analysis	
SOC 301	Methods of Sociological Research [1]	
Category III: Criminal Justice Processes And Institutions		**9**
Select three courses from the two areas below with at least one course from each area:		
Law Enforcement, Criminal Investigation and Punishment		
SOC 150	Introduction to Forensics	
SOC 210	Criminal Investigation	
SOC 322	Punishment and Corrections	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
Courts and Law		
LAW 140	Intro Seminar in Law & Justice	
LAW 305	Trial Advocacy	
SOC 351	The Rights of the Accused	
PHL 303	Philosophy of Law	
POL 260	Politics of Law and Order	
POL 361	Courts, Judges and Politics	
PSY 379	Psychology and Law	
SOC 317	Law and Lawyers	
Category IV: Crime and Social Groups and Issues		**9**
Select three of the following:		
SOC 302	Crime & Justice in the Media	
SOC 318	Hate Crimes in the United States	
SOC 216	Youth and Crime	
SOC 246	Drugs, Crime & American Society	
SOC 313	Gender and Criminal Justice	
SOC 321	White Collar and Corporate Crime	
SOC 333	Convict Criminology	
SOC 344	Gangs in America	
SOC 345	Race and Crime	
Category V: Contextualizing Crime and Criminal Justice		**6**
Select two courses from any of the following areas:		
Legal Issues		
HIS 301	Constitutional History of U.S.	
SOC 204	Law, Literature, and Film in America	
SOC 304	Women and Law	
LAW 310	Cyberspace Law and Policy	
POL 300	U.S. Constitutional Law	

POL 301	Civil Liberties in the U.S.
Philosophical Issues	
PHL 130	Political Philosophy
PHL 202	Social Philosophy
PHL 360	Contemporary Ethics
Political Issues	
POL 235	Race and Ethnicity in American Politics
POL 325	Public Administration
POL 327	Contemporary Issues in American Public Policy
POL 335	Urban Politics
POL 345	Ancient Political Theory: Justice
POL 350	U.S. Foreign Policy and Security Policy
POL 351	Critical Views of Global Security
POL 363	Human Rights in Global Context
Psychological Issues	
PSY 220	Clinical Psychology and Mental Health
PSY 365	Drugs and Human Behavior
Social Issues	
SOC 205	Families
SOC 207	Racial and Ethnic Relations
SOC 245	Social Problems
SOC 308	Cities And Suburbs
SOC 312	Women in Society
SOC 330	Class and Economic Inequality
SOC 340	Power and Politics
SOC 350	Social Policy
SOC 396	Applied Sociology
Internships and Advanced Research [3]	
LAW 490	Independent Study: Research and Creative Expression
LAW 496	Honors Thesis in Law & Justice
LAW 491	Internship in Law and Justice
SOC 491	Internship in Sociology
PHL 491	Internship in Philosophy
POL 491	Internship in Political Science
PSY 491	Internship in Psychology
Total Credits	**42**

1

SOC 101 is waived as a pre-requisite for criminal justice majors ONLY for SOC 119 and SOC 119. SOC 101 is strongly recommended for criminal justice majors.

2

SOC 460 involves advanced research related to criminal justice and may be taken as an Independent Studies course or an Honors Thesis, if approved by the Law and Justice Director.

3

Internships must be related to Criminal Justice and approved by the Law and Justice Director.

Notes:

- No course may be used to satisfy more than one requirement for the Criminal Justice or Legal Studies major.
- Students are required to complete a minimum of 5 courses at the 300 or 400 levels in Categories II - V.

Criminal Justice Minor Requirements

(21 Credits)

Code	Title	Credits
Category I Multi-disciplinary Approaches to Criminal Justice [1]		**9-15**
At least three courses from the following areas:		
Law and Justice Interdisciplinary Courses		
LAW 140	Intro Seminar in Law & Justice	
SOC 150	Introduction to Forensics	
SOC 204	Law, Literature, and Film in America	
SOC 210	Criminal Investigation	
SOC 302	Crime & Justice in the Media	
SOC 304	Women and Law	
LAW 305	Trial Advocacy	
SOC 307	Criminal Justice Practice	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
SOC 351	The Rights of the Accused	
LAW 395	Selected Topics in Law/Justice	
SOC 318	Hate Crimes in the United States	
LAW 490	Independent Study: Research and Creative Expression	
LAW 491	Internship in Law and Justice	
LAW 496	Honors Thesis in Law & Justice	
Political Sciences		
POL 260	Politics of Law and Order	
POL 361	Courts, Judges and Politics	
Psychology		
PSY 379	Psychology and Law	
Sociology		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 206	Deviance and Crime	
SOC 216	Youth and Crime	
SOC 246	Drugs, Crime & American Society	
SOC 313	Gender and Criminal Justice	
SOC 321	White Collar and Corporate Crime	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
SOC 345	Race and Crime	
Category II Crime and Justice Related Courses [1]		**6**
Maximum of two courses from the following:		
Baccalaureate Honors		
BHP 209	Course BHP 209 Not Found	
Communication		
COM 251	Interpersonal Communication	
COM 252	Intercultural Communication	
COM 322	Argumentation and Advocacy	
Philosophy		

PHL 303	Philosophy of Law	
POL 235	Race and Ethnicity in American Politics	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 325	Public Administration	
POL 335	Urban Politics	
Psychology		
PSY 220	Clinical Psychology and Mental Health	
PSY 365	Drugs and Human Behavior	
SOC 205	Families	
SOC 207	Racial and Ethnic Relations	
SOC 308	Cities And Suburbs	
SOC 317	Law and Lawyers	
SOC 322	Punishment and Corrections	
SOC 340	Power and Politics	
SOC 350	Social Policy	
Category III Theory/Application		**3**
One course from the following:		
SOC 307	Criminal Justice Practice	
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
Electives		
LAW 490	Independent Study: Research and Creative Expression [2]	
LAW 491	Internship in Law and Justice [2]	
LAW 496	Honors Thesis in Law & Justice [2]	
Category IV		**3**
LAW 450	Law & Justice Senior Seminar	
Total Credits		**21**

1

Students may take up to six additional credits from Category I instead of taking the courses listed under Category II.

2

These courses may count toward Category II only with permission of the program director.

Notes:

- No more than three courses from the same department may be counted toward the minor. There is no limit on 'LAW' courses.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
SOC 101	Sociological Imagination	3
PHL 115	Ethics	3
HIS 150	World History to 1500	3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
MTH 102	Finite Mathematics	3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOC 206	Deviance and Crime	3
Category III Course		3
Aesthetic Perspectives: Literature		3
Social Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
Category III Course		3
Category IV Course		3
Aesthetic Perspectives: Literature		3
Scientific Perspectives		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
Category II Course		3
Category III Course		3
Category IV Course		3
Two Elective Courses		6
	Semester Credit Hours	**15**
Spring Semester		
Category IV Course		3
SOC 307	Criminal Justice Practice	3
Three Elective Courses		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Category IV Course		3
Category V Course		3
Three Elective Courses		9
	Semester Credit Hours	**15**
Spring Semester		
SOC 460	Criminal Justice Senior Seminar	3
Four Elective Courses		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Notes:

1. For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing

(https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2. Please note that elective credits may be used to complete requirements in a second major or minor.
3. Philosophy core included in major.

Courses and Descriptions

HIS 301 Constitutional History of U.S. 3 Credits
Surveys the English, Colonial, and Confederation backgrounds of American law and constitutionalism; the framing, adoption, and implementation of the Federal Constitution and its later development; the role of law in the nation's history; the changing interpretations of federalism; the growth of judicial review; and the increasing role of the Supreme Court.

LAW 140 Intro Seminar in Law & Justice 3 Credits
Introduces students to the interdisciplinary study of law and justice. The seminar is designed to enable students to think critically about legal issues, address legal problems from various viewpoints, and apply different types of theories of justice to analyze laws and legal institutions. Students will learn to examine law and legal issues from a variety of perspectives and approaches: anthropological, historical, literary, philosophical, political, psychological, and sociological. Open to freshmen and sophomores only.

LAW 305 Trial Advocacy 3 Credits
Students will apply fundamental legal concepts and rules of evidence to specific cases. By engaging in trial simulations, students will evaluate various forms of evidence, identify legal principles and evidentiary rules that impact a criminal trial, learn about trial procedures, pursuit of case theories, and witness, exhibit and jury selection.

LAW 310 Cyberspace Law and Policy 3 Credits
Explores the legal and policy concerns raised by the Internet, nationally and globally. The course considers issues of legal regulation of the Internet, and consider the debate about whether cyberspace can or should be regulated. Attention will be given to the applicability of principles of law and models of regulation. Topics addressed will include jurisdiction, freedom of expression, intellectual property, privacy protection, safety concerns, equal access, electronic commerce, and computer crime.

LAW 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

LAW 491 Internship in Law and Justice 1-4 Credits
Provides supervised work experience in an institution, office, or agency related to law or law enforcement, such as courts, prosecutor/defense attorney offices, private law offices, state agencies, and local police departments. Students are expected to apply and broaden the knowledge obtained from law and justice minor courses to their fieldwork experience.
Prerequisite(s): 2.75 GPA and permission of the Director of the Law and Justice program.

LAW 496 Honors Thesis in Law & Justice 3-6 Credits
Entails substantial research and writing on a topic selected by the student. Proposals must be reviewed and approved by the law and justice program committee. Proposals must be submitted at least four weeks prior to course registration.
Prerequisite(s): Seniors in the minor with a minimum cumulative GPA of 3.25 and a 3.25 GPA in law and justice minor courses.

PHL 115 Ethics 3 Credits
A combined historical and systematic analysis of the problems of ethics. Such problems as the nature and meaning of moral values and judgments, moral responsibility and freedom, conscience and happiness, the good life, and the relativity of value, are explored through the writings of such philosophers as Plato, Aristotle, Aquinas, Kant, Mill, and Nietzsche. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 130 Political Philosophy 3 Credits
An introduction to the problems of political philosophy with an emphasis on recent and contemporary issues, such as the conflict between liberal and conservative ideologies, fascism, revolution, civil disobedience, and the concept of legitimate political authority. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 202 Social Philosophy 3 Credits
Emphasizes social ethics through critical studies of such contemporary problems as abortion, euthanasia, the death penalty, pornography and censorship, animal rights, drug use, sexual morality, environmental ethics, and world hunger. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PHL 360 Contemporary Ethics 3 Credits
An examination of recent and contemporary challenges to traditional ethical theory including such movements as logical positivism, cultural relativism, feminism, environmentalism, multiculturalism, and postmodernism. Such problems as the meaning and cognitive status of value judgments, the relation between fact and value, the relativity of values, and how value judgments can be justified are considered.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 491 Internship in Philosophy 1-4 Credits
Students will work under supervision within an area hospital, corporation, or legal agency. The specific duties and tasks will be developed jointly by the intern, intern agency, and faculty supervisor. Within the hospital setting, students will work with the Hospital Medical Ethics Committee. Within the corporate setting, there will be two types of internships: students will work in the corporate office responsible for addressing the ethical issues that arise in the business environment; or students will work in a department that allows them to explore the potential business applications of their philosophic intellectual training. Within the legal setting, students will work with the federal magistrate, prosecutor, or public defender, exploring issues in the philosophy of law that arise in the practice of law. Students must have completed four philosophy courses, one at the 300 level, before applying for the internship. No more than six credits will be allowed toward graduation. A member of the department of philosophy will supervise the internship.
Prerequisite(s): juniors and seniors with a minimum of 2.7 cumulative GPA and 3.0 GPA in philosophy, or permission of the department of philosophy.

POL 230 Methods of Political Analysis 3 Credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 260 Politics of Law and Order 3 Credits
The constitutional, legal, political, and administrative aspects of the criminal justice system in the United States are studied, including the court system at all levels of government, law enforcement agencies, correctional programs and institutions, probation, parole, and the relationship of our legal institutions to the broader political system.

POL 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as HLS 300. Students may not get credit for both HLS 300 and POL 300.

POL 361 Courts, Judges and Politics 3 Credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges. Note: This course is cross-listed as HLS 361. Students may not get credit for both POL 361 and HLS 361.

POL 301 Civil Liberties in the U.S. 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as HLS 301. Students may not get credit for both HLS 301 and POL 301.

POL 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens' behavior. Note: This course is cross-listed as HLS 325. Students may not get credit for both HLS 325 and POL 325.

POL 327 Contemporary Issues in American Public Policy 3 Credits
An in-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

POL 335 Urban Politics 3 Credits
Political structure and administration of municipalities in the United States. Emphasis on challenges posed by suburbanization, global and regional shifts in business, economic dislocation, housing, mass transportation, race relations, and policing.

POL 345 Ancient Political Theory: Justice 3 Credits
The existence of society over time requires high degree of predictability and hence laws, whether explicit or implicit. These derive their capacity to regulate life from the widespread notion that they are proper and that they should be obeyed. In a word, they accord to our notions of justice. These, however, are not stable. Resting on the understandings of man, society, nature and the relations between them, they develop under the impact of human thought and changing realities. The result is what can be compared to a layered cake. This course treats some of the main contributions made by philosophers from Plato to Rawls to our concept of justice and the manner by which they have shaped our concepts of justice in the US and West in general. Cases in which courts (mainly the US Supreme Court) made use and applied the thinking of earlier philosophies of justice will illustrate the process by which we adjust the boundaries between legality and criminality and determine how we should behave towards each other.

POL 350 U.S. Foreign Policy and Security Policy 3 Credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation's military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold World War. Note: This course is cross-listed as HLS 350. Students may get credit for only one.

POL 351 Critical Views of Global Security 3 Credits
This course will examine the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspective on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survial, to societal security, to unit level-variables such as Human Security. Note: This course is cross-listed as HLS 351. Students may not get credit for both HLS 351 and POL 351.

POL 363 Human Rights in Global Context 3 Credits
Human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as HLS 363. Students may not get credit for both HLS 363 and POL 363.

POL 491 Internship in Political Science 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of fieldwork per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 379 Psychology and Law 3 Credits
Introduces students to a study of selected topics in psychology and law. Topics include eyewitness testimony, jury selection, and decision-making.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 491 Internship in Psychology 1-4 Credits
Provides supervised work experience in an approved institution or agency in order for students to gain knowledge in applications of psychology. Placement is made in various community institutions and agencies that offer services to both exceptional and normal individuals. Prerequisite(s): senior psychology majors or minors.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 75 credits.

SOC 150 Introduction to Forensics 3 Credits
Introduces students to principles of forensic science. Whether the issue is establishing paternity or cause of death, determining arson or liability, or deciding criminal guilt or innocence, collecting and evaluating forensic material is typically involved. Students will learn the meaning and significance of scientific evidence and its role in criminal investigations and civil and criminal trials. Students will learn how forensic scientists work, define a problem, collect data, and analyze results. Case studies, crime simulations and examination of criminal evidence will highlight the application of scientific principles.

SOC 204 Law, Literature, and Film in America 3 Credits
Focuses in an interdisciplinary manner on law and justice as represented in American literature and films. It analyzes novels, short stories, and selected non-fiction texts from the perspectives of literary criticism, social history, and cultural and American studies.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 206 Deviance and Crime 3 Credits
Considers deviant behavior as violation of social norms. Examines the concepts of deviance and crime in socio-historical context. Evaluates major theories advanced to explain deviance. Surveys different types of deviance, including conventional crime, non-criminal deviant behavior, and white-collar corporate, and government crime.
Prerequisite(s): SOC 101.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 216 Youth and Crime 3 Credits
In-depth examination of the nature and extent of youth criminality in the U.S. Explores changes in youth culture and theories of delinquency. Social policies are related to youth criminality and the youth justice system is considered.

SOC 119 Introduction to Criminal Justice: Police, Courts, Corrections 3 Credits
This course introduces students to the sociological study of the criminal justice system. It examines the cultural and social foundations of this system, and review debates about problems with the criminal justice system and proposals to change it. Topics covered include nature of the crime problem, requirements of criminal law, policing, the role of the courts and legal professionals, sentencing, incarceration and alternatives to it.
Prerequisite(s): SOC 101.

SOC 245 Social Problems 3 Credits
American social, economic, and political institutions and their interrelationships are analyzed, with an emphasis on the causes, directions, and consequences of social change in American society.

SOC 246 Drugs, Crime & American Society 3 Credits
Explores the nature and extent of drug use in the U.S., how drugs are legally defined and socially constructed, and considers how and why drug policies have developed and changed historically. Considers how the criminalization of drugs has impacted policing strategies, courts, probation programs, sentencing and corrections, as well as other social institutions. Examines the role of local and federal agencies in enforcing drug laws, and considers debates about directions for legal reforms.

SOC 301 Methods of Sociological Research 3 Credits
One of the required courses in both the Sociology and Criminal Justice majors, Methods of Sociological Research introduces students to basic research processes in the social sciences. The course introduces students to both quantitative and qualitative approaches and data analysis using both original and secondary sources. Students will also complete an original research paper in this course.
Prerequisites: SOC 101 or SOW 250.

SOC 302 Crime & Justice in the Media 3 Credits
This course focuses on the impact of media on Americans' perceptions and understanding of the extent and causes of crime, and the effectiveness and purposes of crime policy. It examines how criminals, types of crime, crime policies and the criminal justice system are portrayed in various media outlets, including film, tv, newspaper, and electronic/internet. It explores the historical and contemporary relationships between media representations of criminal behavior, crime as a social problem, and the nature of the criminal justice system and contrasts these to their social realities.

SOC 304 Women and Law 3 Credits
Explores the social, economic, political and cultural context of laws relating to women and gender, such as workplace discrimination, divorce and child custody and reproductive rights. It examines how such laws have changed historically and the impact such laws have had on women as well as on men and on American social institutions, such as the family, politics, and the workplace. The course also examines women in the legal profession and their impact on the practice of law and legal reasoning.

SOC 307 Criminal Justice Practice 3 Credits
This course will consider the ways criminal justice agencies and occupations are shaped by social, economic, political, technological and legal changes. Through case studies and projects students will examine the work, culture, and work settings of various criminal justice practitioners, assess the impact of social policies on criminal justice careers, and identify new directions in the field. Students will develop the reading and writing skills needed by an array of criminal justice practitioners.

SOC 308 Cities And Suburbs 3 Credits
Examines the growth of an urban way of life under the influence of industrialism. Study of community, political, and economic institutions in cities. Comparisons between urban and suburban areas.
Prerequisite(s): SOC 101.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 313 Gender and Criminal Justice 3 Credits
This course will examine women's experiences with the criminal justice system as offenders, victims, prisoners, and practitioners. It will consider how gender has shaped theories of crime and criminological research. It will explore how cultural constructions of gender have influenced substantive and procedural criminal law, the ways criminal justice agencies respond to crime, and how these have changed historically. Attention will be given to the development of new approaches, reforms, and challenges.
Prerequisite(s): SOC 101.

SOC 317 Law and Lawyers 3 Credits
Relationships between law, the economy, and the state are explored. Discussion of laws, legal systems and legal reasoning using cross-cultural comparisons and historical analysis of these in the United States. Particular attention given to impact of law on corporations, workers, women, and minorities. Changes in legal profession and legal education are examined.
Prerequisite(s): SOC 101.

SOC 321 White Collar and Corporate Crime 3 Credits
This course will identify, explore, and study the unique criminological characteristics of the crime subtypes white collar crime and corporate crime. In addition to developing a formal definition of white collar crime and corporate crime, students will study: (a) the nature of the criminal act and the criminal actor(s); (b) the extent or scope of the white collar/corporate crime problem; (c) the factors that contribute to the crime decision, and (d) the various prevention and mitigation strategies used to address the white collar crime/corporate crime problem. Students will learn to evaluate historical cases of white collar crime/corporate crime and apply criminological theory to actual cases.
Prerequisite(s): SOC 101.

SOC 322 Punishment and Corrections 3 Credits
This course explores the nature, forms, rationales, and effectiveness of punishment as a form of crime control. It traces the development of corrections in the U.S., identifies cultural trends and developments in penology, including mass incarceration and supermax prisons, considers the ways race and class have shaped these, and the reverberating effects penal policies have had on American culture and society beyond the criminal justice system. It examines the role of laws, politics, crime control agencies, as well as of media, and corporations in shaping penal policies. Topics also include: prison subcultures, inmate rights, correctional practices, privatization of prisons, and alternatives to punitive policies of incarceration and capital punishment.
Prerequisite(s): SOC 101.

SOC 330 Class and Economic Inequality 3 Credits
Social, economic, and political aspects of the division of society into classes are considered. Theories of stratification and the distribution of wealth, power, and prestige in societies past and present are examined.
Prerequisite(s): SOC 101.

SOC 342 Police and American Society 3 Credits
This course examines important issues regarding police in American society, such as the paradoxes inherent in police work, police organization and strategies and their effectiveness, the dilemmas of supervising police work, police unionism, the nature and implications of police occupational subculture, the use of police discretion, forms of police misconduct and accountability, professionalization of police and the trend toward police privatization. It also considers the diversity of the police force, trends in the delivery of policing services, the impact of new technologies on policing, and the challenges of policing in a multicultural society.
Prerequisite(s): SOC 101.

SOC 343 Policing and Counter Terrorism 3 Credits
This course is designed as an upper level (undergraduate/graduate) combination lecture and discussion section on the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspectives on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survival, to societal security, to unit level-variables such as Human Security.
Prerequisite(s): SOC 101.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

SOC 340 Power and Politics 3 Credits
Examines the nature and distribution of power in contemporary societies; analyzes the relationships between power and politics.
Prerequisite(s): SOC 101.

SOC 365 Selected Top: Social Movements 3 Credits
FALL 2012 - This course examines movements that seek change in the social, cultural and political structures of society. The social, economic and political contexts of these movements are treated as well as their origins, tactics, organization, recruitment, and successes and failures. Case studies focus on movements in the areas of labor, civil rights, feminism, the environment, "right wing politics", and neighborhood activism. In today's world, social movements abound. Movements such as the Tea Party and the Occupy movements demonstrate that they can take place across the political spectrum of society. Moreover, the interconnectedness of the world economy creates social movements throughout the world, whether in Asia, the Mid-East or Europe that have direct affects on the United States. Because the coverage of these movements are given considerable media exposure, students (and the public) tend to accept the interpretations of these movements as presented in the narratives of the media coverage. This class will provide a systematic academic treatment of social movements. Because social movements target structural and cultural institutions in society, the study of these movements will not only provide an understanding of these movements, but of larger social problems in society as well.
Prerequisite(s): SOC 101.

SOC 396 Applied Sociology 3 Credits
Shows how sociology can be applied in work settings. As participant observers in organizations related to their career objectives, students learn to apply sociological knowledge, perspectives, and skills. In class meetings and individual consultations with the instructor, students examine the applied dimensions of sociology, the uses of sociology in various occupations, the ethical issues involved in applied sociology, and the culture and structure of their work organization.
Prerequisite(s): SOC 101.

SOC 401 Sex and the Body in Society 3 Credits
Examines cultural meanings and social practices associated with sex and the body. Contemporary cultural norms and practices in the U.S. will be compared to other societies, historically and cross-culturally. Variations in sexual practices, ideals of sexual attractiveness according to age, gender, race, ethnicity, class and sexual orientation also will be discussed. Topics may include beauty industries (e.g. cosmetics, diet, fashion, surgery, drugs), sex and the workplace, the impact of media, social policy, and technology on ideals of sexual attractiveness, birth control, and sexual violence.
Prerequisite(s): SOC 101.

SOC 460 Criminal Justice Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of crime, criminal law and criminal justice institutions, and applies these to a specific topic, method, institution, or controversy. Topics vary. Students will be expected to contribute to seminar discussions and to complete research projects related to the seminar theme. Required for senior criminal justice majors; open to others only by permission of the chair.

Cybersecurity

Program Overview

Just as computing technology has become an integral part of many aspects of our lives, the need to secure the operation of that technology has become critical. The importance of secure computational operations has had significant impacts in social, commercial, financial, industrial, and political realms, and will continue to grow as the right to privacy is tested.

In NJ and the surrounding Philadelphia and New York metro areas, the demand is even greater, with over 27,000 unfilled cybersecurity positions. On a national level, cybersecurity has been recognized as a critical component of Homeland Security, and the Senate Appropriations committee funded cybersecurity efforts above the President's request for FY 2019. Students pursuing a B.S. in Cybersecurity will bring a powerful combination of a traditional liberal arts education with foundational knowledge and technical training needed to excel in the cybersecurity field. A Minor in Cybersecurity is also available.

Curriculum Overview

Rider students in this program will benefit from a curriculum aligned with the latest national guidelines, adaptable to meet the evolving demands of industry and research. Cybersecurity is a nascent academic affair, although it has been in existence for nearly as long as computers. Thus, any cybersecurity curriculum should be founded in basic principles: that the computers, including data, software, systems, and networks, as well as the people and organizations using the machines, are kept secure and operational. The courses comprising the major are foundational, with the concentrations offering breadth and expertise in a given aspect of cybersecurity.

Student Learning Outcomes

Graduates of the Cybersecurity major will be able to:

1. Graduate with a broad understanding of the nature of cybercrime and cybersecurity.
2. Graduate with a deep understanding of security at multiple levels.
3. Graduate with the ability to collaborate and apply their knowledge to real-world problems.
4. Graduate with a passion for lifelong learning, professional responsibility to uphold ethical behavior.

Degrees Offered:

- B.S. in Cybersecurity
- Minor in Cybersecurity

Contact

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Program Website: Cybersecurity (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/cybersecurity/)
Associated Department: Department of Computer Science and Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/computer-science-physics/)

Related programs:

- Computer Science (p. 125)
- Criminal Justice (p. 132)
- Homeland Security Policy (p. 330)

Cybersecurity Program Requirements

(57 credits)

Students must select either the Technical Track or the Policy Track.
Notes:

- Majors must complete either MTH 105 or MTH 210 to fulfill their mathematics core requirement.
- A grade of 'C' or better is required in all 100-level CSC or CYB courses.

Code	Title	Credits
Required Cybersecurity Core Courses:		**12**
CYB 105	Introduction to Cybersecurity	
CYB 110	Cybercrime and Cyberterrorism	
CYB 130	IT Fundamentals	
CSC 150	Cyber Ethics and Societal Impact	
Select either the Technical Track or the Policy Track		**36**
Technical Track:		
Required Courses:		
CSC 110	Computer Science I	
CSC 120	Computer Science II	
CSC 130	Data Structures and Algorithms	
CSC 140	Discrete Structures	
CYB 200	Operating Systems & Cybersecurity	
CYB 240	Ethical Hacking and Penetration Testing	
CSC 250	Software Security Engineering	
CYB 260	Network Defenses and Countermeasures	
CIS 270	Computer Networking	
CYB 300	Developing & Deploying Cybersecurity Programs	
CYB 320	Cyber Forensics	
CSC 340	Cybersecurity Essentials	
Elective Courses		**9**
Select two of the following Policy courses:		
HLS 203/POL 203	Homeland Security	
HLS 204/POL 204	Development and Structure of the US Intelligence Community	
SOC 210	Criminal Investigation	
LAW 310	Cyberspace Law and Policy	
POL 351/HLS 351	Critical Views of Global Security	
Select one of the following Technical courses: [1]		
CSC 320	Human-Computer Interaction	
CSC 350	Analysis of Algorithms	
CSC 380	Parallel and Distributed Systems	
Policy Track		
Required Courses:		
SOC 150	Introduction to Forensics	

HLS 203/POL 203	Homeland Security	
HLS 204/POL 204	Development and Structure of the US Intelligence Community	
SOC 210	Criminal Investigation	
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
POL 301	Civil Liberties in the U.S.	
HLS 205	Spies, Double Agents, and Moles: The World of Counterintelligence	
or HLS 304/ POL 304	Political Behavior: Fear, Risk and Crisis	
HLS 220/POL 220	Terrorism & Counter Terrorism	
LAW 310	Cyberspace Law and Policy	
POL 327	Contemporary Issues in American Public Policy	
SOC 343	Policing and Counter Terrorism	
POL 351/HLS 351	Critical Views of Global Security	
Elective Courses		**9**
Select two of the following Technical courses: [1]		
CSC 105	Fundamentals of Computer Science	
CSC 110	Computer Science I	
CSC 120	Computer Science II	
CSC 140	Discrete Structures	
CYB 200	Operating Systems & Cybersecurity	
CYB 240	Ethical Hacking and Penetration Testing	
CYB 320	Cyber Forensics	
Select one of the following Policy courses:		
HLS 341	Cybersecurity Policy: Hacktivism and Cyberviolence	
HLS 334	Cyber Strategy	
Electives for either Track		
CYB 490	Cybersecurity Independent Study and Research	
CSC 491	Internship in Computer Science	
Total Credits		**57**

NOTE: Cybersecurity majors must also complete either MTH 105 or MTH 210 to fulfill their mathematics core requirement.

1

Other technical electives are available for Cybersecurity B.S. undergraduates pursuing the **4+1 M.S.**:

- CYBR 500 Beyond Code: Cybersecurity in Context
- CYBR 510 Cryptogragphy for Cybersecurity
- CYBR 520 Managing Cyber Risks
- CYBR 530 Mobile Computing & Wireless Security

Cybersecurity Minor Requirements

(21 credits)

Code	Title	Credits
Required Courses		**12**
CYB 105	Introduction to Cybersecurity	
CYB 110	Cybercrime and Cyberterrorism	
CSC 150	Cyber Ethics and Societal Impact	
CYB 130	IT Fundamentals	
Select at least three of the following courses:		**9**
CSC 105	Fundamentals of Computer Science	
CSC 110	Computer Science I	
CSC 120	Computer Science II	
CSC 130	Data Structures and Algorithms	
CYB 200	Operating Systems & Cybersecurity	
CYB 240	Ethical Hacking and Penetration Testing	
CYB 260	Network Defenses and Countermeasures	
CYB 300	Developing & Deploying Cybersecurity Programs	
CYB 320	Cyber Forensics	
CSC 340	Cybersecurity Essentials	
CIS 270	Computer Networking	
CIS 319	Computer Forensics	
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Technical Track (p. 142)
Policy Track (p. 142)

Cybersecurity Technical Track

Course	Title	Credits
Year 1		
Fall Semester		
CYB 105	Introduction to Cybersecurity	3
CSC 110	Computer Science I	3
MTH 105 or MTH 210	Algebra and Trigonometry or Calculus I	4
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**16**
Spring Semester		
CYB 110	Cybercrime and Cyberterrorism	3
CSC 120	Computer Science II	3
CSC 150	Cyber Ethics and Societal Impact	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
CYB 130	IT Fundamentals	3
CSC 140	Discrete Structures	3
Cybersecurity Policy Elective		3
Social Perspectives Course		3

Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15**
Spring Semester		
CYB 200	Operating Systems & Cybersecurity	3
CIS 270	Computer Networking	3
Social Perspectives Course		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
CYB 240	Ethical Hacking and Penetration Testing	3
CYB 260	Network Defenses and Countermeasures	3
CSC 130	Data Structures and Algorithms	3
Foreign Language 1 of 2		3
Philosophical Perspectives Course		3
	Semester Credit Hours	**15**
Spring Semester		
CSC 250	Software Security Engineering	3
CSC 340	Cybersecurity Essentials	3
Cybersecurity Policy Elective		3
Foreign Language 2 of 2		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
CYB 300	Developing & Deploying Cybersecurity Programs	3
Cybersecurity Technical Elective		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
CSC 350	Analysis of Algorithms	3
Four Elective Courses [1]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**121**

1

Please note that elective credits may be used to complete requirements in a second major or a minor.

Cybersecurity Policy Track

Course	Title	Credits
Year 1		
Fall Semester		
CYB 105	Introduction to Cybersecurity	3
CSC 110	Computer Science I	3
MTH 105 or MTH 210	Algebra and Trigonometry or Calculus I	4
CMP 120	Seminar in Writing and Rhetoric	3
HIS 150	World History to 1500	3
	Semester Credit Hours	**16**
Spring Semester		
CYB 110	Cybercrime and Cyberterrorism	3
CSC 150	Cyber Ethics and Societal Impact	3
SOC 150	Introduction to Forensics	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	3
HLS 203	Homeland Security	3
Cybersecurity Technical Elective		3
Social Perspectives Course		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15**
Spring Semester		
HLS 204	Development and Structure of the US Intelligence Community	3
SOC 210	Criminal Investigation	3
Social Perspectives Course		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
POL 301	Civil Liberties in the U.S.	3
HLS 304 or HLS 205	Political Behavior: Fear, Risk and Crisis or Spies, Double Agents, and Moles: The World of Counterintelligence	3
Foreign Language 1 of 2		3
Philosophical Perspectives Course		3
Elective Course [1]		3
	Semester Credit Hours	**15**
Spring Semester		
HLS 220	Terrorism & Counter Terrorism	3
LAW 310	Cyberspace Law and Policy	3
Cybersecurity Technical Elective		3
Foreign Language 2 0f 2		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
POL 327	Contemporary Issues in American Public Policy	3
Cybersecurity Policy Elective		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
SOC 343	Policing and Counter Terrorism	3
POL 351	Critical Views of Global Security	3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**121**

1

Please note that elective credits may be used to complete requirements in a second major or a minor.

Courses and Descriptions

CYB 105 Introduction to Cybersecurity 3 Credits
Introduction to Cybersecurity introduces students to this interdisciplinary field by exploring the technology, policies, and processes that enable assured computer operations. Students will be introduced to recent developments in cybercrime such as phishing, ransomware, viruses, and worms. Students will also learn about the policy and legislation regarding privacy, terrorism, hacktivism, and the dark web. Students will also be introduced to programming and networking concepts.

CYB 110 Cybercrime and Cyberterrorism 3 Credits
This course explores the world of cybercrime and cyber terrorism. Students will learn about the social and legal aspects of cybercrime and the technical tools that enable the investigation of these acts. They will discuss and review several definitions and types of cybercrime, and the roles of private sectors and law enforcement in detecting, investigating and preventing these acts.

CYB 130 IT Fundamentals 3 Credits
IT Fundamentals is designed to immerse students in the essentials of computer hardware and software. The IT Fundamentals course provides students with principles of data and technology that frame and define cybersecurity and insight into the importance of cybersecurity and the integral role of cybersecurity professionals. Students will explore foundational cybersecurity principles, security architecture, risk management, attacks, incidents, and emerging IT and IS technologies.

CYB 200 Operating Systems & Cybersecurity 3 Credits
This course focuses on the fundamental properties of three major operating systems (Linux, MacOS, and Windows). The course covers file systems, command line interfaces, and shell scripting. Students will learn how to manage user groups while focusing on security. They will also be introduced to SQL database architecture.
Prerequisite(s): CYB 130.

CYB 240 Ethical Hacking and Penetration Testing 3 Credits
This course introduces students to the methods of penetration testing and hacking as method of locating and successfully exploiting computer systems for the purpose of making computer systems more secure. This process includes probing for vulnerabilities as well as providing proof of concept attacks to demonstrate the vulnerabilities are real and generating specific and effective recommendations for addressing and fixing security issues discovered vulnerability assessments and penetration.
Prerequisite(s): (CYB 200 or CSC 240) and CIS 270.

CYB 260 Network Defenses and Countermeasures 3 Credits
This course in network defenses and countermeasures prepares students to defend networks against attacks by implementing proactive protection measures and by responding to active and potential threats. It covers multiple techniques for network defense, including firewalls, intrusion-detection systems, VPNs, encryption, and system hardening.
Prerequisite(s): CYB 240.

CYB 300 Developing & Deploying Cybersecurity Programs 3 Credits
In Developing and Deploying Cybersecurity Programs, students will learn how to create cybersecurity policies, standards, guidelines and plans, and the differences between them. Students will learn how threats develop, and how threat actors launch attacks on their targets. The material in this course conforms to the NIST Cybersecurity Framework and the ISO/IEC 27000-series standards.
Prerequisite(s): CIS 270.

CYB 320 Cyber Forensics 3 Credits
This course covers the technical and legal aspects of cyber forensics, including general forensic procedures, electronic discovery, imaging, hashing, file recovery, mismatched file types, and preserving the chain of evidence. Students will perform detailed cyber forensic analyses on compromised system images, using both open-source and court-approved digital forensic software tools to conduct forensic examinations, write analytical reports, and practice mock courtroom presentations.
Prerequisite(s): CYB 200.

CYB 490 Cybersecurity Independent Study and Research 3 Credits
Immerses the student in guided research. The student learns to organize material, use the literature, obtain reproducible data, and synthesize the results of the study. If possible, the student will publish the results or present them at a scientific meeting.

CYB 491 Internship in Cybersecurity 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 40 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester. Available for juniors and seniors.
Prerequisite(s): 2.5 GPA and Permission of Dept. Chair/Program Director.

Dance

Program Overview

There are many ways to dance at Rider University. The Bachelor of Arts in Dance Performance provides courses in dance technique, history, movement theory, choreography and pedagogy, as well as numerous repertory and performance opportunities. Students have the option of earning a degree in Dance Studies (p. 155) if majoring in Elementary Education. We offer a B.A. in Dance Science, an emphasis in dance with the Arts Entertainment and Industries Management degree, a Dance Minor, and a Movement Science Minor. Graduates of the program may also go on to earn a graduate degree in Clinical Mental Health Counseling with a Dance/Movement Therapy Concentration (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/counseling-services/ma-clinical-mental-health-counseling/dance-movement-therapy/).

Degrees Offered

- B.A. in Dance Performance
- B.A. in Dance Studies with Elementary Education
- B.A. in Dance Science

- Minor in Dance
- Minor in Movement Science
- M.A. in Clinical/Mental Health Counseling with Dance/Movement Therapy concentration

Contact

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Program Website: Dance (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/dance-performance/)

Associated Department: Performing Arts: Theatre (p. 545) or Dance (p. 144)

Related Programs:

- Arts Entertainment Industries Management (p. 39)
- Dance Science, B.A. (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/majors-minors-certificates/dance-science/#overviewtext)

Dance Program Requirements

General Remarks

For all majors offered in the Theatre & Dance Department, students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

Select one course of study from the following options:

Dance Performance (p. 144)
Dance Studies (p. 145)

Dance Performance

(47 credits)

Code	Title	Credits
Ensemble / Performance		**12**
DAN 210	Rider Dances: Repertory & Productions (5 credits needed)	
or DAN 210T	Rider Dances Rep&Produc:Tech	
DAN 111	Dance Lab (7 terms) [1]	
DAN 215	Improvisation and Embodiment	
DAN 220	Dance Composition	
DAN 498	Senior Capstone	
or DAN 499	Seniors Honor Program	
Applied (Dance Studio)		**12**
DAN 112	Ballet I	
DAN 113	Ballet II	
DAN 201	Ballet III	
DAN 202	Ballet IV	
DAN 301	Ballet V	
DAN 302	Ballet VI	
DAN 151	Modern Dance I	
DAN 152	Modern Dance II	
DAN 251	Modern Dance III	
DAN 351	Modern Dance IV	
DAN 100	Contemporary Dance Forms (Select from Latin, Hip Hop, West African, Tap, or Jazz. Can be repeated for credit.)	
Dance Electives		**6**
DAN 310	Dance Elective: Music for Dance	
DAN 311	Dance Elective: Dance Video	
Dance History and Theory		**15**
DAN 105	Survey of Dance History	
DAN 250	Course DAN 250 Not Found	
DAN 350	History of Ballet, Modern & Jazz Dance	
DAN 450	Pedagogy and Methodology in Dance	
DAN 460	Course DAN 460 Not Found	
Select 3 credits from the following:		**3**
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
ART 199	Arts in Contemporary Civilization	
ART 201	Art of the Ancient World	
ART 207	Medieval and Renaissance Art	
ART 209	Art of the Baroque	
ART 214	American Art	
ART 306	Art of the 20th Century	
ART 495	Selected Topics in Art History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemporary Music Experience	
MUS 309	Film Music	
MUS 315	Black Music in America	
THE 106	Theater History Since 1700	
THE 199	The Arts in Contemporary Civil	
THE 207	Contemporary Theatre	
THE 206	American Theatre History	
THE 308	Modern Drama	
THE 495	Special Topics in Theatre	
Total Credits		**48**

[1]

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

Notes:

- All new dance students must take a placement exam.
- Majors must successfully complete Ballet III or equivalent to receive a degree.
- All students enrolled in DAN 210 (https://rider-curr.courseleaf.com/search/?P=DAN%20210) and performing in Rider Dances are expected to be concurrently enrolled in a dance studio course.
- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Dance Studies

(32 credits)

Code	Title	Credits
Ensemble/Performance		
DAN 111	Dance Lab (4 semesters)	0
Applied (Dance Studio)		
Ballet		3
Studio Electives [1]		5
DAN 100	Fundamentals of Dance	
or DAN 300	Lecture & Studio in Dance	
DAN 112	Ballet I: The Point of Departure	1
DAN 113	Ballet II: Next Steps	1
DAN 151	Pilates and Modern	1
DAN 152	World Dance & Improvisation	1
DAN 190	Dalcroze Eurythmics	3
DAN 201	Vaganova I	1
DAN 202	Vaganova II	1
Dance History and Theory		
DAN 105	Survey of Dance History	3
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 450	Pedagogy and Methodology in Dance	3
Select 6 credits from the following: [2,3]		**6**
DAN 180	History of Movement Theory	
DAN 220	History of Choreography	
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
ART 199	Arts in Contemporary Civilization	
ART 201	Art of the Ancient World	
ART 207	Medieval and Renaissance Art	
ART 209	Art of the Baroque	
ART 214	American Art	
ART 303	19th Century Art	
ART 306	Art of the 20th Century	
ART 495	Selected Topics in Art History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemp Music Experience	
MUS 309	Film Music	
MUS 315	Black Music in America	
THE 105	Theatre History to 1700	
THE 106	Theater History Since 1700	
THE 199	The Arts in Contemporary Civil	
THE 207	Contemporary Theatre	
THE 206	American Theatre History	
THE 308	Modern Drama	
College of Education and Human Service Requirements		
See the College of Education and Human Services Degree Programs for information on the programs available.		
Total Credits		**32**

[1]

Studio elective can also be fulfilled by DAN 493 when applicable.

[2]

From the ART, MUS or THE courses in the list select no more than one from each discipline.

[3]

ART 120, MUS 120, and THE 120 will not fulfill this requirement.

Notes:

- All new dance students must take a placement exam.
- It is strongly suggested that DAN 210 and DAN 210T are taken at least once.
- Majors must successfully complete Ballet III or equivalent to receive a degree.
- All students enrolled in DAN 210 and performing in Rider Dances are expected to be concurrently enrolled in a dance studio course.
- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Dance Minor Requirements

(19 credits)

Code	Title	Credits
Select two of the following:		**6**
DAN 105	Survey of Dance History	
or DAN 220	Dance Composition	
or DAN 350	History of Ballet, Modern & Jazz Dance	
or DAN 460	Course DAN 460 Not Found	
Complete the following courses:		
DAN 111	Dance Lab (4 semesters)	0

DAN 151	Modern Dance I	1
DAN 152	Modern Dance II	1
DAN 250	Course DAN 250 Not Found	
DAN 210	Rider Dances: Repertory & Productions	1
DAN 210T	Rider Dances Rep&Produc:Tech	1
DAN 100	Contemporary Dance Forms	4
or DAN 310	Dance Elective: Music for Dance	
or DAN 311	Dance Elective: Dance Video	
DAN 201	Ballet III	1
DAN 202	Ballet IV	1
Total Credits		**16**

Note:

- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Dance Concentrations

Select one of the following concentrations:

Dance Performance Concentration (p. 146)

Dance Studies Concentration (p. 147)

Dance Performance

Code	Title	Credits
Ensemble / Performance		**12**
DAN 210	Rider Dances: Repertory & Productions (5 credits needed)	
or DAN 210T	Rider Dances Rep&Produc:Tech	
DAN 111	Dance Lab (7 terms) [1]	
DAN 215	Improvisation and Embodiment	
DAN 220	Dance Composition	
DAN 498	Senior Capstone	
or DAN 499	Seniors Honor Program	
Applied (Dance Studio)		**12**
DAN 112	Ballet I	
DAN 113	Ballet II	
DAN 201	Ballet III	
DAN 202	Ballet IV	
DAN 301	Ballet V	
DAN 302	Ballet VI	
DAN 151	Modern Dance I	
DAN 152	Modern Dance II	
DAN 251	Modern Dance III	
DAN 351	Modern Dance IV	
DAN 100	Contemporary Dance Forms (Select from Latin, Hip Hop, West African, Tap, or Jazz. Can be repeated for credit.)	
Dance Electives		**6**
DAN 310	Dance Elective: Music for Dance	
DAN 311	Dance Elective: Dance Video	
Dance History and Theory		**15**
DAN 105	Survey of Dance History	
DAN 250	Course DAN 250 Not Found	
DAN 350	History of Ballet, Modern & Jazz Dance	
DAN 450	Pedagogy and Methodology in Dance	
DAN 460	Course DAN 460 Not Found	
Select 3 credits from the following:		**3**
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
ART 199	Arts in Contemporary Civilization	
ART 201	Art of the Ancient World	
ART 207	Medieval and Renaissance Art	
ART 209	Art of the Baroque	
ART 214	American Art	
ART 306	Art of the 20th Century	
ART 495	Selected Topics in Art History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemporary Music Experience	
MUS 309	Film Music	
MUS 315	Black Music in America	
THE 106	Theater History Since 1700	
THE 199	The Arts in Contemporary Civil	
THE 207	Contemporary Theatre	
THE 206	American Theatre History	
THE 308	Modern Drama	
THE 495	Special Topics in Theatre	
Total Credits		**48**

1

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

Note:

- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Dance Studies Concentration

Code	Title	Credits
Ensemble/Performance		
DAN 111	Dance Lab (4 semesters)	0
Applied (Dance Studio)		
Ballet		3

Studio Electives [1]		5
DAN 100	Fundamentals of Dance	
or DAN 300	Lecture & Studio in Dance	
DAN 112	Ballet I: The Point of Departure	1
DAN 113	Ballet II: Next Steps	1
DAN 151	Pilates and Modern	1
DAN 152	World Dance & Improvisation	1
DAN 190	Dalcroze Eurythmics	3
DAN 201	Vaganova I	1
DAN 202	Vaganova II	1
Dance History and Theory		
DAN 105	Survey of Dance History	3
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 450	Pedagogy and Methodology in Dance	3
Select 6 credits from the following: [2,3]		**6**
DAN 180	History of Movement Theory	
DAN 220	History of Choreography	
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
ART 199	Arts in Contemporary Civilization	
ART 201	Art of the Ancient World	
ART 207	Medieval and Renaissance Art	
ART 209	Art of the Baroque	
ART 214	American Art	
ART 303	19th Century Art	
ART 306	Art of the 20th Century	
ART 495	Selected Topics in Art History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemp Music Experience	
MUS 309	Film Music	
MUS 315	Black Music in America	
THE 105	Theatre History to 1700	
THE 106	Theater History Since 1700	
THE 199	The Arts in Contemporary Civil	
THE 207	Contemporary Theatre	
THE 206	American Theatre History	
THE 308	Modern Drama	
College of Education and Human Service Requirements		
See the College of Education and Human Services Degree Programs for information on the programs available.		
Total Credits		**32**

1 Studio elective can also be fulfilled by DAN 493 when applicable.

2 From the ART, MUS or THE courses in the list select no more than one from each discipline.

3 ART 120, MUS 120, and THE 120 will not fulfill this requirement.

Notes:

- All new dance students must take a placement exam.
- It is strongly suggested that DAN 210 and DAN 210T are taken at least once.
- Majors must successfully complete Ballet 3 or equivalent to receive a degree.
- Al students enrolled in DAN 210 and performing in Rider Dances and expected to be concurrently enrolled in a dance studio course.
- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

B.A. in Dance Performance (p. 148)
B.A. in Dance Studies (p. 147)

B.A. in Dance Performance

Course	Title	Credits
Year 1		
Fall Semester		
DAN 111	Dance Lab	0
DAN 112	Ballet I: The Point of Departure	1
DAN 105	Survey of Dance History	3
DAN 151	Pilates and Modern	1
General Education/Electives		10
	Semester Credit Hours	**15**
Spring Semester		
DAN 111	Dance Lab	0
DAN 113	Ballet II: Next Steps	1
DAN 152	World Dance & Improvisation	1
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 210T	Rider Dances Rep&Produc:Tech	1
or DAN 210	or Rider Dances: Repertory & Productions	
General Education/Electives		9
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
DAN 180	History of Movement Theory	3
DAN 111	Dance Lab	0
DAN 100	Fundamentals of Dance	1
or DAN 300	or Lecture & Studio in Dance	
or DAN 493	or Special Topics in Dance Studio	
THE 107	Acting I: Intro to Acting	3

General Education/Electives		4
DAN 201	Vaganova I	1
DAN 190	Dalcroze Eurythmics	3
	Semester Credit Hours	**15**
Spring Semester		
DAN 210T	Rider Dances Rep&Produc:Tech	1
DAN 210	Rider Dances: Repertory & Productions	1
DAN 111	Dance Lab	0
General Education/Electives		11
DAN 100 or DAN 300 or DAN 493	Fundamentals of Dance or Lecture & Studio in Dance or Special Topics in Dance Studio	1
DAN 202	Vaganova II	1
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
DAN 100 or DAN 300 or DAN 493	Fundamentals of Dance or Lecture & Studio in Dance or Special Topics in Dance Studio	1
DAN 220	History of Choreography	3
DAN 300	Lecture & Studio in Dance	2
DAN 111	Dance Lab	0
General Education/Electives		9
	Semester Credit Hours	**15**
Spring Semester		
DAN 210	Rider Dances: Repertory & Productions	1
DAN 300	Lecture & Studio in Dance	2
DAN 111	Dance Lab	0
Arts History elective		3
General Education/Electives		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
DAN 450	Pedagogy and Methodology in Dance	3
DAN 300	Lecture & Studio in Dance	2
DAN 111	Dance Lab	0
General Education/Electives		9
	Semester Credit Hours	**14**
Spring Semester		
DAN 100 or DAN 300 or DAN 493	Fundamentals of Dance or Lecture & Studio in Dance or Special Topics in Dance Studio	1
DAN 498	Senior Capstone	3
DAN 300	Lecture & Studio in Dance	2
DAN 210	Rider Dances: Repertory & Productions	1
DAN 111	Dance Lab	0
General Education/Electives		9
	Semester Credit Hours	**16**
	Total Credit Hours for Graduation	**120**

B.A. in Dance Studies

Course	Title	Credits
Year 1		
Fall Semester		
DAN 105 or DAN 180 or DAN 220	Survey of Dance History or History of Movement Theory or History of Choreography	3
DAN 111	Dance Lab	0
DAN 151	Pilates and Modern	1
General Education/Electives		10
DAN 112	Ballet I: The Point of Departure	1
	Semester Credit Hours	**15**
Spring Semester		
DAN 111	Dance Lab	0
General Education/Electives		10
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 152	World Dance & Improvisation	1
DAN 113	Ballet II: Next Steps	1
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
DAN 111	Dance Lab	0
DAN 100	Fundamentals of Dance	1
Arts History elective		3
DAN 201	Vaganova I	1
General Education/Electives		10
	Semester Credit Hours	**15**
Spring Semester		
DAN 190	Dalcroze Eurythmics	3
DAN 111	Dance Lab	0
DAN 100	Fundamentals of Dance	1
DAN 202	Vaganova II	1
General Education/Electives		10
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
DAN 300	Lecture & Studio in Dance	2
Arts History elective		3
General Education/Electives		10
	Semester Credit Hours	**15**
Spring Semester		
DAN 300	Lecture & Studio in Dance	2
Arts History elective		3
General Education/Electives		10
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
DAN 300	Lecture & Studio in Dance	2
General Education/Electives		13
	Semester Credit Hours	**15**

Spring Semester	
General Education/Electives	15
Semester Credit Hours	**15**
Total Credit Hours for Graduation	**120**

DAN 100 Fundamentals of Dance 1 Credits
Designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for two classes per week at the Princeton Ballet School. One additional hour per week is comprised of video observation, lecture, or readings, and is taught at Rider's Lawrenceville campus. Prerequisite(s): permission of dance advisor; Dance Studio Courses Ballet I.

DAN 100A Ballet I 0 Credits

DAN 100B Ballet II 0 Credits

DAN 100C Ballet III 0 Credits

DAN 100D Ballet IV 0 Credits

DAN 100E Ballet V 0 Credits

DAN 100F Ballet VI 0 Credits

DAN 100G Jazz I 0 Credits

DAN 100H Jazz II 0 Credits

DAN 100I Jazz III 0 Credits

DAN 100J Modern Dance I 0 Credits

DAN 100K Modern Dance II 0 Credits

DAN 100L Modern Dance III 0 Credits

DAN 100M Spanish Dance I 0 Credits

DAN 100N Spanish Dance II 0 Credits

DAN 100O Spanish Dance III 0 Credits

DAN 100P Pilates Mat Class 0 Credits

DAN 100Q Accelerated Adult Ballet I 0 Credits

DAN 100R Accelerated Adult Ballet II 0 Credits

DAN 100S Accelerated Adult Ballet III 0 Credits

DAN 100T Accelerated Adult Ballet IV 0 Credits

DAN 100U World Dance Forms 0 Credits

DAN 100V Yoga 0 Credits

DAN 100W Tap 0 Credits

DAN 100X Ballet VII 0 Credits

DAN 100Y Hip Hop 0 Credits
Fusion dance influenced by older street dance styles.

DAN 100Z Movement Fundamentals 0 Credits

DAN 105 Survey of Dance History 3 Credits
An introductory course to familiarize students with the breadth and depth of dance in human society. It will chronologically examine dance through four lenses: Dance and Community, Dance and Religion, Dance and Politics, and Dance as Art. Students will be exposed to various dance forms from around the world with varying purposes, functions, and motivations from the beginning of recorded history to present.

DAN 111 Dance Lab 0 Credits

DAN 112 Ballet I: The Point of Departure 1 Credits
This is an entry- level, mandatory ballet class that covers all of the safest fundamental practices, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary.

DAN 113 Ballet II: Next Steps 1 Credits
This is a continuation of the safest fundamental practices covered in Ballet I, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary. In addition this course extends the coverage of discourse, terminology and vocabulary of the classical technique. DAN 113 may be repeated two times for a total of three credits.
Prerequisite(s): Ballet I or equivalent.

DAN 121 Introduction to Dance Science 3 Credits
This orientation to dance science will consider important aspects of the study of human performance including anatomy, biology, kinesiology, and psychology of movement and performance. Covered are the foundations and research findings in Movement Theory, Motor Development, and Well -Being. Topics include the Care and Prevention of Injuries, Movement Analysis, Dance Movement Therapy, Mind-body Connection, Dance Fitness and Optimal Performance.

DAN 151 Pilates and Modern 1 Credits

DAN 152 World Dance & Improvisation 1 Credits

DAN 180 History of Movement Theory 3 Credits
Investigation of the mind-body connection, somatic experience, body therapies, movement, and theories. The essential question is: How is it that we move with awareness, fluidity, efficiency, and precision?.

DAN 190 Dalcroze Eurythmics 3 Credits
This movement course familiarizes students with the basic elements of music theory (staff, clefs, time signatures, notations, chords, etc.) and the Dalcrozian principles regarding music, movement and improvisation.

DAN 201 Vaganova I 1 Credits
This studio course focuses on fundamental knowledge about the vocabulary, discourse, performance and style of the classical ballet, especially as it pertains to the Vaganova Technique.

DAN 202 Vaganova II 1 Credits
This studio course continues the development of knowledge concerning the vocabulary, discourse, performance and style of the classical ballet, expecially as it pertains to the Vaganova Technique. Repeatable twice for total of three times taken. May only be repeated if there are open spots after those taking it for the first time have registered.
Prerequisite(s): DAN 201.

DAN 210 Rider Dances: Repertory & Productions 1 Credits
This course provides an in-depth experience with the art of dance production from creation to performance. Students will be chosen to learn and perform repertory; fulfill technical roles such as sound, lighting and costume design; and assume production and managerial responsibilities such as promotion, publicity, front of house management and stage management.
Prerequisite(s): permission of instructor.

DAN 210T Rider Dances Rep&Produc:Tech 1 Credits

DAN 220 History of Choreography 3 Credits
This course prepares the dance student for the creating of dance through critical analysis, reading, writing and practical assignments. Students will examine creative process as applied to dance artists and various forms of dance.

DAN 300 Lecture & Studio in Dance 2 Credits
Dance 300 series is also designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for four classes per week at the Princeton Ballet School. One additional hour is comprised of video observation, lecture, or readings and is held at Rider's Lawrenceville campus. Prerequisite(s): permission of instructor; Dance Studio Courses Ballet I.

DAN 300A Ballet I 0 Credits

DAN 300B Ballet II 0 Credits

DAN 300C Ballet III 0 Credits

DAN 300D Ballet IV 0 Credits

DAN 300E Ballet V 0 Credits

DAN 300F Ballet VI 0 Credits

DAN 300G Jazz I 0 Credits

DAN 300H Jazz II 0 Credits

DAN 300I Jazz III 0 Credits

DAN 300J Modern Dance I 0 Credits

DAN 300K Modern Dance II 0 Credits

DAN 300L Modern Dance III 0 Credits

DAN 300M Spanish Dance I 0 Credits

DAN 300N Spanish Dance II 0 Credits

DAN 300O Spanish Dance III 0 Credits

DAN 300P Pilates Mat Class 0 Credits

DAN 300Q Accelerated Adult Ballet I 0 Credits

DAN 300R Accelerated Adult Ballet II 0 Credits

DAN 300S Accelerated Adult Ballet III 0 Credits

DAN 300T Accelerated Adult Ballet IV 0 Credits

DAN 300U World Dance Forms 0 Credits

DAN 300V Yoga 0 Credits

DAN 300W Tap 0 Credits

DAN 300X Ballet VII 0 Credits

DAN 300Y Choreography 0 Credits

DAN 300Z Movement Fundamentals 0 Credits

DAN 350 History of Ballet, Modern & Jazz Dance 3 Credits
Studies the major periods in the development of Western Theatrical Dance from the Renaissance to the present focusing on ballet, modern, jazz, tap and musical theater dance. The course will examine the ideas and individuals that caused the development of choreographers, producers, designers and productions.

DAN 450 Pedagogy and Methodology in Dance 3 Credits
This course provides the student with first-hand experience inside a classroom setting to broaden the students' understanding of dance techniques, teaching styles and strategies, analysis of skills and critical feedback, class preparation and design, and assessment. Course requirements include off-campus field work. Cross-listing existing entry-level teaching course with analogous graduate-level course (CURR 711).

DAN 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment. **Prerequisite**(s): junior or senior standing, good academic standing.

DAN 491 Internship in Dance 1-4 Credits
Provides junior or senior dance majors with the practical experience of working within an educational or professional dance environment. Students must be sponsored by a dance professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

DAN 493 Special Topics in Dance Studio 1 Credits
This class covers a discrete movement style, technique, or form such as the choreography of Balanchine, the technique of Cecchiti or dance theater fusion.
Prerequisite(s): DAN 100.

DAN 495 Selected Topics in Dance History 3 Credits
Intensive study of a particular topic in dance history or theory. This may include one era, movement or nation's dance history and practice. Students will become deeply involved in an area through research, class discussions and group projects.

DAN 498 Senior Capstone 3 Credits

DAN 499 Seniors Honor Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Dance Science

Program Overview

A degree in Dance Science capitalizes on Rider's science offerings to produce a first-of-its-kind curriculum incorporating a wide variety of courses focused on human performance. Students will study the art and movement of dance - fundamentals of classical dance forms; history and theory of dance, composition and performance - along with biology, nutrition, anatomy, exercise physiology, kinesiology and injury prevention. They will understand socio-political-historical aspects of dance, and be able to discuss meaning in movement. Students will learn to integrate mind-body, and develop strength, coordination, flexibility, musicality, and expression, while studying the science of how to move safely and achieve personal, optimal performance.

Curriculum Overview

Students will learn how to conceptualize, create, and analyze dance as they study the art of movement. They will receive a comprehensive education in both the art of dance and the instrument of dance - the body. Students will have opportunities to both perform on stage and work, shadow, and research with our physical therapist who specializes in movement logic and injury prevention. Each student will select a capstone, multi-disciplinary, or research project. Understanding biomechanics will increase understanding and equip students with the skills, theoretical framework, and experience necessary to enter the

workforce as dance teachers, choreographers, directors, producers, and candidates for graduate school in education, dance, or sciences.

Degree Offered

- B.A. in Dance Science

Contact

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School of Science, Technology and Mathematics
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Related Programs:

- Dance (p. 144)
- Movement Science (p. 402)

Dance Science Program Requirements

General Remarks

For all majors offered in the Theatre & Dance Department, students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

(120 credits)

Code	Title	Credits
Required Science Courses		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	4
EXS 360	Foundations of Strength and Conditioning (includes Lab)	4
HSC 100	Intro to Human Nutrition	3
HSC 201	Nutrition for Exercise and Physical Activity	3
HSC 302 & 302L	Kinesiology and Kinesiology Lab	4
PSY 283	Sport Psychology	3
PSY 345	Health Psychology	3
Internship/Practicum and/or Research		**3**
DAN 490	Independent Research and Study	
or DAN 491	Internship in Dance	
or DAN 498	Senior Capstone	
Required Dance Course		
DAN 121	Introduction to Dance Science	3
Required Ensemble/Performance Courses		
DAN 111	Dance Lab (7 terms) [1]	0
DAN 210	Rider Dances: Repertory & Productions	1
DAN 210T	Rider Dances Rep&Produc:Tech	1
Required Applied Studio Courses		
DAN 112	Ballet I: The Point of Departure	1
DAN 113	Ballet II: Next Steps	1
DAN 201	Vaganova I	1
DAN 202	Vaganova II	1
DAN 100	Fundamentals of Dance [2]	4
or DAN 300	Lecture & Studio in Dance	
DAN 151	Pilates and Modern	1
DAN 152	World Dance & Improvisation	1
Studio Electives		
DAN 100	Fundamentals of Dance (including 1 credit of Combo: Mindbody)	4
or DAN 300	Lecture & Studio in Dance	
Dance History and Theory		
DAN 105	Survey of Dance History	3
DAN 180	History of Movement Theory	3
DAN 190	Dalcroze Eurythmics	3
DAN 220	History of Choreography	3
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 450	Pedagogy and Methodology in Dance	3
Suggested Core Courses		
MTH 105	Algebra and Trigonometry	4
PHL 304	Medical Ethics	3
PSY 100	Introduction to Psychology	3
SOC 101	Sociological Imagination	3
Additional Core Courses		**21**
Select courses in Languages, History, Writing, or Literature		
Free Electives		**10**
Total Credits		**120**

1

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

2

3 credits of Ballet, 1 credit of Hip Hop or Jazz

Note:

- All majors and minors must have a Dance Screening ($75.00) with a certified Dance Physical Therapist.

Academic Plan

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
DAN 105	Survey of Dance History	3
DAN 111	Dance Lab	0
DAN 112	Ballet I: The Point of Departure	1
DAN 121 or EXS 121	Introduction to Dance Science or Exercise Injury Control and Management	3
DAN 151	Pilates and Modern	1
PSY 100	Introduction to Psychology	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**18**
Spring Semester		
DAN 111	Dance Lab	0
DAN 113	Ballet II: Next Steps	1
DAN 152	World Dance & Improvisation	1
DAN 350	History of Ballet, Modern & Jazz Dance	3
DAN 210T	Rider Dances Rep&Produc:Tech	1
MTH 105	Algebra and Trigonometry (or higher level math course)	4
CMP 125	Seminar in Writing and Research	3
	Semester Credit Hours	**13**
Year 2		
Fall Semester		
DAN 100	Fundamentals of Dance (Princeton Ballet Studio)	1
DAN 111	Dance Lab	0
DAN 180	History of Movement Theory	3
DAN 201	Vaganova I	1
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
PSY 100	Introduction to Psychology	3
SOC 101	Sociological Imagination	3
	Semester Credit Hours	**15**
Spring Semester		
DAN 100	Fundamentals of Dance (studio)	1
DAN 111	Dance Lab	0
DAN 190	Dalcroze Eurythmics	3
DAN 202	Vaganova II	1
HSC 100	Course HSC 100 Not Found	3
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
PSY 283	Sport Psychology	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
DAN 111	Dance Lab	0
DAN 220	History of Choreography	3
DAN 300	Lecture & Studio in Dance	2
HSC 201	Course HSC 201 Not Found	3
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	4
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
DAN 100	Fundamentals of Dance	1
DAN 111	Dance Lab	0
DAN 210	Rider Dances: Repertory & Productions	1
DAN 450	Pedagogy and Methodology in Dance	3
HSC 302 & 302L	Kinesiology and Course HSC 302L Not Found	4
PHL 304	Medical Ethics	3
General Education		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
DAN 100	Fundamentals of Dance	1
DAN 111	Dance Lab	0
PSY 345	Health Psychology	3
DAN 491	Internship in Dance	1-4
General Education		6
Free Elective		6
	Semester Credit Hours	**17-20**
Spring Semester		
DAN 100	Fundamentals of Dance	1
DAN 498 or DAN 490 or DAN 491	Senior Capstone or Independent Research and Study or Internship in Dance	1-4
EXS 360 & 360L	Foundations of Strength and Conditioning and Foundations of Strength and Conditioning Lab	4
Free Electives		3
	Semester Credit Hours	**9-12**
	Total Credit Hours for Graduation	**117-123**

Courses and Descriptions

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

DAN 100 Fundamentals of Dance 1 Credits
Designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for two classes per week at the Princeton Ballet School. One additional hour per week is comprised of video observation, lecture, or readings, and is taught at Rider's Lawrenceville campus. Prerequisite(s): permission of dance advisor; Dance Studio Courses Ballet I.

DAN 105 Survey of Dance History 3 Credits
An introductory course to familiarize students with the breadth and depth of dance in human society. It will chronologically examine dance through four lenses: Dance and Community, Dance and Religion, Dance and Politics, and Dance as Art. Students will be exposed to various dance forms from around the world with varying purposes, functions, and motivations from the beginning of recorded history to present.

DAN 111 Dance Lab 0 Credits

DAN 112 Ballet I: The Point of Departure 1 Credits
This is an entry- level, mandatory ballet class that covers all of the safest fundamental practices, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary.

DAN 113 Ballet II: Next Steps 1 Credits
This is a continuation of the safest fundamental practices covered in Ballet I, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary. In addition this course extends the coverage of discourse, terminology and vocabulary of the classical technique. DAN 113 may be repeated two times for a total of three credits.
Prerequisite(s): Ballet I or equivalent.

DAN 151 Pilates and Modern 1 Credits

DAN 152 World Dance & Improvisation 1 Credits

DAN 180 History of Movement Theory 3 Credits
Investigation of the mind-body connection, somatic experience, body therapies, movement, and theories. The essential question is: How is it that we move with awareness, fluidity, efficiency, and precision?.

DAN 190 Dalcroze Eurythmics 3 Credits
This movement course familiarizes students with the basic elements of music theory (staff, clefs, time signatures, notations, chords, etc.) and the Dalcrozian principles regarding music, movement and improvisation.

DAN 201 Vaganova I 1 Credits
This studio course focuses on fundamental knowledge about the vocabulary, discourse, performance and style of the classical ballet, especially as it pertains to the Vaganova Technique.

DAN 202 Vaganova II 1 Credits
This studio course continues the development of knowledge concerning the vocabulary, discourse, performance and style of the classical ballet, expecially as it pertains to the Vaganova Technique. Repeatable twice for total of three times taken. May only be repeated if there are open spots after those taking it for the first time have registered.
Prerequisite(s): DAN 201.

DAN 121 Introduction to Dance Science 3 Credits
This orientation to dance science will consider important aspects of the study of human performance including anatomy, biology, kinesiology, and psychology of movement and performance. Covered are the foundations and research findings in Movement Theory, Motor Development, and Well -Being. Topics include the Care and Prevention of Injuries, Movement Analysis, Dance Movement Therapy, Mind-body Connection, Dance Fitness and Optimal Performance.

DAN 210 Rider Dances: Repertory & Productions 1 Credits
This course provides an in-depth experience with the art of dance production from creation to performance. Students will be chosen to learn and perform repertory; fulfill technical roles such as sound, lighting and costume design; and assume production and managerial responsibilities such as promotion, publicity, front of house management and stage management.
Prerequisite(s): permission of instructor.

DAN 210T Rider Dances Rep&Produc:Tech 1 Credits

DAN 220 History of Choreography 3 Credits
This course prepares the dance student for the creating of dance through critical analysis, reading, writing and practical assignments. Students will examine creative process as applied to dance artists and various forms of dance.

DAN 300 Lecture & Studio in Dance 2 Credits
Dance 300 series is also designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for four classes per week at the Princeton Ballet School. One additional hour is comprised of video observation, lecture, or readings and is held at Rider's Lawrenceville campus. Prerequisite(s): permission of instructor; Dance Studio Courses Ballet I.

DAN 350 History of Ballet, Modern & Jazz Dance 3 Credits
Studies the major periods in the development of Western Theatrical Dance from the Renaissance to the present focusing on ballet, modern, jazz, tap and musical theater dance. The course will examine the ideas and individuals that caused the development of choreographers, producers, designers and productions.

DAN 450 Pedagogy and Methodology in Dance 3 Credits
This course provides the student with first-hand experience inside a classroom setting to broaden the students' understanding of dance techniques, teaching styles and strategies, analysis of skills and critical feedback, class preparation and design, and assessment. Course requirements include off-campus field work. Cross-listing existing entry-level teaching course with analogous graduate-level course (CURR 711).

DAN 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

DAN 491 Internship in Dance 1-4 Credits
Provides junior or senior dance majors with the practical experience of working within an educational or professional dance environment. Students must be sponsored by a dance professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

EXS 320 Exercise Physiology 3 Credits
An entry level exploration of the physiological processes, metabolic requirements, and consequences of exercise in humans. Emphasis is placed on bioenergetics, as well as circulatory, respiratory, and neuromuscular responses to the physical stress of exercise performed for health and disease prevention.
Prerequisite(s): BIO 221, BIO 222.

EXS 321 Exercise Physiology Laboratory 1 Credits
EXS 321 is the laboratory course that accompanies EXS 320. Topics will include entry-level practical skills and competencies related to exercise capacity evaluation, interpretation of exercise data, and application of exercise interventions in a clinical setting. Prerequisite(s): BIO 221, 222 Co-requisite(s): EXS 320.

EXS 360 Foundations of Strength and Conditioning 4 Credits
This course examines the advanced methods and techniques associated with the design of strength and conditioning programs to enhance human performance in sport and fitness. This course is designed to develop, enhance, and apply knowledge and skills to prepare the student for the profession of strength and conditioning. Prerequisite(s): EXS 320, EXS 321, HSC 302.
Corequisite(s): EXS 360L.

HSC 100 Course HSC 100 Not Found Credits

HSC 201 Course HSC 201 Not Found Credits

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI.
Corequisite: HSC 303.

HSC 302L Course HSC 302L Not Found Credits

MTH 105 Algebra and Trigonometry 4 Credits
The course is an in depth and rigorous study of functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses, trigonometric identities.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

SOC 101 Sociological Imagination 3 Credits
Introduction to principles and concepts for the sociological analysis of human societies. Social relations, social structure, and institutions characteristic of societies past and present are examined, and causes and directions of social change are considered. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

Earth and Environmental Sciences

Program Overview

The Earth and Environmental Sciences minor, offered by the Department of Earth and Chemical Sciences, introduces students to basic geological and environmental principles, as well as advanced topics that unite the two disciplines. This minor not only helps students analyze and learn more about the multitude of the earth's functions, but also what the ever-changing face of environmentalism says about society and how students can help promote positive environmental change.

Degree Offered

- Minor in Earth and Environmental Sciences

Contact

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Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth Sciences (p. 198) (for Secondary Education majors)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Geology (p. 290)
- Marine Sciences (p. 380)

Requirements for the Minor

(21-22 credits)

Note: Geology and Environmental Science majors may not select this minor.

Code	Title	Credits
Fundamental Courses		**14**
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	
ENV 205	Introduction to Geographic Information Systems	
ENV 220	Weather and Climate Change	
GEO 100	Earth Systems Science	
or GEO 113	Environmental Geology	
GEO 102	Earth Materials and Processes Lab	
Electives		**7-8**
Select two of the following; at least one must be a 300 or 400 level course:		
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
ENV 340	Environmental Field Methods and Data Analysis	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab [1]	
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	
Total Credits		**21-22**

1

This course has one or more prerequisites that must be completed in addition to the course required for this minor.

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 308 Mineralogy and Petrology 4 Credits
This course examines the origin, evolution, and distribution of igneous and metamorphic rocks based on mineralogy, chemistry, and tectonic relationships. Mineral content and rock texture are used to identify and classify igneous and metamorphic rocks. The physical and chemical properties of these rocks are used to understand their tectonic setting, process of formation, and pressure-temperature conditions.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 308L Mineralogy and Petrology Lab 0 Credits
This is the laboratory course that accompanies GEO 308. Laboratory work consists of the identification of mineral and rock hand specimens. Microscopic analyses include the identification and interpretation of optical properties of minerals and rock textures. Field trips provide opportunities for students to examine outcrops of igneous and metamorphic rocks.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 310 Structural Geology 4 Credits
The origin, distinguishing characteristics, and geographic distribution of deformational structures of the Earth's crust. In the laboratory, GPS, GIS, geologic maps, and three-dimensional problems are used in the study of typical surface and subsurface geologic problems. Three hours of lecture and one three-hour lab per week. Weekday and/or weekend field trips may be required. Prerequisite(s): GEO 100 or GEO 113, GEO 102.
Corequisite(s): GEO 310L.

GEO 310L Structural Geology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 310.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that "society exists by geologic consent subject to change without notice" by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

Earth Sciences

Program Overview

The Bachelor of Arts Degree in Earth Sciences is designed specifically as a second major for students in the College of Education and Human Services who are interested in teaching earth science in high schools. The program is tailored to meet the earth science related objectives of high school education majors and to facilitate the timely completion of their dual requirements in the College of Education and Human Services and the College of Arts and Sciences. This program is not designed to prepare students for further study in science disciplines at the graduate or professional level. This major is designed to enable students to satisfy course and credit requirements from the New Jersey Department of Education for the High School Teacher of Earth Science Certificate. Additional details can be found at t (https://nj.gov/cgi-bin/education/license/endorsement.pl?string=999&maxhits=1000&field=2)his link at the NJ Department of Education.

Curriculum Overview

The curriculum for this major focuses on the interdisciplinary nature of the marine sciences by offering classes that give students a strong

background in the earth science as well as in the sub-field of earth sciences that each student selects from the concentrations available. Students take introductory classes in chemistry, physics, biology, geology and the marine sciences, followed by more in-depth course work focused on the concentration selected.

Student Learning Outcomes

Graduates of the Earth Sciences major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in earth sciences.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Earth Sciences

Graduation with honors in Earth Sciences is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the Honors Program is by invitation of the department faculty. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degree Offered

- B.A. in Earth Sciences

Contact

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Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth and Environmental Sciences (p. 195)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Geology (p. 290)
- Marine Sciences (p. 380)
- Education (p. 666)

Earth Sciences Major Requirements

(28-30 Foundation course credits and 22-24 Concentration course credits).

Foundation Courses (p. 198)

Select one Concentration below:

Geology Concentration (p. 199)
Environmental Concentration (p. 199)
Marine Concentration (p. 199)

Foundation Courses

(28 - 30 credits)

Code	Title	Credits
Required Foundation Courses		
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 220	Weather and Climate Change	3
GEO 100	Earth Systems Science	3
or GEO 113	Environmental Geology	
GEO 102	Earth Materials and Processes Lab	1
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
PHY 180	Astronomy	3
Field experience (select one of the following:)		**3-4**
ENV 340	Environmental Field Methods and Data Analysis	
MAR 300	Introduction to Field Marine Science	
MAR 380	The Learning and Teaching of Marine Science	
Approved Geology Field Camp		
Additional Required Science Courses		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
Select one of the following:		**3-4**
MTH 105	Algebra and Trigonometry (or any MTH course at the 200 level or above)	
Total Credits		**28-30**

Geology Concentration

(22-24 credits)

Code	Title	Credits
Elective Courses: Select six courses. At least four courses selected must contain a lab section.		**22-24**
ENV 205	Introduction to Geographic Information Systems	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	

GEO 310 & 310L	Structural Geology and Structural Geology Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	
Total Credits		**22-24**

Environmental Concentration

(22-24 credits)

Code	Title	Credits
Required courses:		
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 350 & 350L	General Ecology and General Ecology Lab	4
Elective Courses: Select three courses. At least one course must have a lab section		**10-12**
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	
MAR 410	Physical Oceanography	
Total Credits		**22-24**

Marine Concentration

(22-24 credits)

Code	Title	Credits
Required Courses:		
BIO 115	Principles of Biology I	4
or BIO 116	Principles of Biology II	
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
Elective Courses: Select four; at least two courses with a lab section, at least three courses at the 300-400 level		**14-16**
ENV 205	Introduction to Geographic Information Systems	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	
MAR 325 & 325L	Marine Vertebrates and Marine Vertebrates Lab	
MAR 340	Marine Processes and Environments: Seminar	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	
MAR 410	Physical Oceanography	
Total Credits		**22-24**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric [1]	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
PHY 180	Astronomy	3
	Semester Credit Hours	**14**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Social Perspectives		3
Foreign Language		3
Select one of the following:		3-4
ENV 220	Weather and Climate Change [3]	
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	
	Semester Credit Hours	**16-17**
Year 2		
Fall Semester		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
HIS 150	World History to 1500	3
Foreign Language		3
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
ENV 200L	Statistical and Computer Applications in the Natural Sciences Lab	0
	Semester Credit Hours	**14**
Spring Semester		
One Major Concentration Requirement or Elective [3]		3-4
HIS 151	World History Since 1500	3

Social Perspectives		3
Philosophical Perspectives		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15-16**
Year 3		
Fall Semester		
ENV 340	Environmental Field Methods and Data Analysis (Or other Major Concentration Requirement or elective)	3
One Major Concentration Requirement or Elective [3]		4
Two Elective Courses [2]		6
	Semester Credit Hours	**13**
Spring Semester		
Two Major Concentration Requirements or Electives [3]		6-8
3 Elective Courses [2]		9
	Semester Credit Hours	**15-17**
Summer Semester		
MAR 380 or MAR 300	The Learning and Teaching of Marine Science (or approved Geology Field Course from another institution) [4] or Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
Two Major Concentration Requirements or Elective [3]		6-8
Two - Three Elective Courses [2]		6-9
	Semester Credit Hours	**12**
Spring Semester		
Two or Three Elective Courses [2]		6-9
One to Two Major Concentration Requirements or Electives if needed [3]		6-8
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**115-119**

Note: Natural and Physical Science core requirements are included in the major.

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

For choices see Concentrations for List of Requirements and Electives. Courses selected should be made with approval from Earth Sciences academic advisor.

4

Courses from other institutions must be reviewed and receive approval by the Department Chair.

Courses and Descriptions

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 110 Future of Natural Resources 3 Credits
In this course, students are introduced to topics in the natural sciences through studies of human exploitation of selected natural resources (e.g. water, fisheries, mineral resources, energy, etc.). The course work includes a study of the scientific process and how it can contribute to solutions to contemporary issues. Topics covered will include factors that influence real-world decisions to manage natural resources more sustainably (e.g. political, economic, ethical factors). During the three hours of class meetings each week, lecture and exercises will be integrated. Field trips will be required. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENV 110L Future of Natural Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 110.

ENV 120 Introduction to Climate Change 3 Credits
This course offers students an overview of the human impacts on Earth's climate and emerging solutions to limit future climate change. Students will learn scientific insights into the interconnected components of Earth's climate as a system including the atmosphere, oceans, land, geology, and ice. Human effects on Earth's climate system will be contrasted with natural climate variation that preceded the industrial revolution. Students will also consider the personal, societal, and ethical implications of climate change through the lens of environmental justice.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 290 Directed Research and Study in Environmental Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the environmental sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in weekly meetings with the instructor, and communicating the findings by writing a final project report.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 340 Environmental Field Methods and Data Analysis 3 Credits
This course will provide students with practical experience in field methods and data analyses within the environmental sciences. The course will include advanced activities incorporating field-based exercises, GIS analyses, statistical analyses, and database management. Students will also complete an independent project focused on a relevant topic. Local field trips during lab and on weekends may be required.
Prerequisite(s): MTH 105, GEO 100, GEO 102, and ENV 100; or Permission of Instructor.

ENV 350 Principles of Environmental Toxicology 3 Credits
A comprehensive description of the important principles of toxicology, including the absorption, distribution, metabolism, and excretion of toxic substances. Target organs systems will be discussed as well as mechanisms of carcinogenesis and teratogenesis. Specific groups of toxins to be discussed include: pesticides, metals, radiation, solvents and vapors, and plant and animal toxins. Three hours of lecture per week.
Prerequisite(s): BCH 225 or CHE 211, BIO 115.

ENV 375 Environmental Biogeochemistry 3 Credits
This course examines the biogeochemical interactions among various environmental components, including water, rock, soil, organisms, and atmosphere. Covered topics focus on the relation between the biosphere and changes in the Earth's environment and atmosphere. The transfer of energy and nutrients within terrestrial ecosystems also is explored. Case studies from various examples will be used to understand ecosystem dynamics. Long-term environmental change and present-day ecosystem restoration activities are examined in the context of biotic offsets and land-use planning. The biogeochemical cycles of some environmentally sensitive compounds and elements in natural systems, such pesticides, mercury, and lead, also may be examined. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113, CHE 120, CHE 121, CHE 122, CHE 123.

ENV 480 Senior Thesis 3 Credits
A senior thesis is optional for environmental science majors. However, a senior thesis is required for eligibility to graduate with honors in environmental science. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the geosciences major and permission of instructor.

ENV 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

ENV 491 Internship in Environmental Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 102SP Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 110 Geology of National Parks 3 Credits
U.S. national parks highlight the geologic wonders of our country and provide us with some of the best examples of the many processes that initially formed our planet and those that continue to shape it. This course is an introduction to the geological setting of selected U.S. national parks. It provides an overview of geological concepts and relates the geology of each park to the processes that initially formed, and subsequently shaped, their characteristic landforms. Such processes include: plate tectonics, volcanic and plutonic activity, glaciation, cave formation, stream and coastal processes, and erosional processes. Consequently, students not only will understand how the physical geography of the U.S. varies from coast to coast, but also will connect these varied landscapes with the geologic processes that formed them and relate them to unique wildlife or vegetation in the parks studied.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that “society exists by geologic consent subject to change without notice” by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 168 Mesozoic Ruling Reptiles 3 Credits
This course provides an introduction to the vertebrate groups that dominated the land (Dinosaurs), the seas (Mosasaurs, Plesiosaurs, Pliosaurs, Tylosaurs, and Ichthyosaurs) and the skies (Pterosaurs, Pterdactyls) during the Mesozoic Era (65-250 million years ago). Students study the diversity of skeletal architectures and their reconstructed function and the often controversial, inferred anatomy, physiology, reproductive strategy, habit, and social behaviors of these animals that are different from mainstream reptiles, birds, and mammals. They also learn about the paleogeographical, and paleoclimatological conditions that facilitated the evolutionary rise to dominance and diversification of these vertebrate groups and the debated causes of their eventual extinction. These topics also serve to illustrate how the scientific approach works and how competing hypotheses are evaluated. Three hours of lecture per week. Weekend field trips may be required.. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 290 Directed Research and Study in Geosciences 1-4 Credits
Directed Research and Study in Geosciences will provide an opportunity for freshman and sophomore students to gain hands-on research experience in the geosciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in a weekly meetings with the instructor, and communicating the findings by writing a final project report.

GEO 304 Elements of Mineralogy 4 Credits
This course examines the physical properties, chemistry, atomic structure, crystallography, uses, and environmental impacts of important minerals found in the Earth's lithosphere and biosphere. In addition, lab assignments and exercises emphasize crystal symmetry and chemistry; polarizing microscope, ICP, SEM, and x-ray analytical techniques; the graphical display and interpretation of compositional data; optical properties of isotropic and uniaxial minerals; and the identification of mineral hand specimens. Three hours of lecture and one three-hour lab per week. At least one weekend field trip required. Prerequisite(s): GEO 100 or GEO 113, and GEO 102, and CHE 120, CHE 121 taken prior or concurrently; or permission of instructor.
Corequisite(s): GEO 304L.

GEO 304L Mineralogy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 304.

GEO 305 Petrology and Petrography 4 Credits
The origin, evolution, and terrestrial distribution of igneous and metamorphic rocks are presented and detailed. Classroom lectures and discussions emphasize rock geochemistry, mineralogic variability, the constraints placed on petrogenetic models by physio-chemical studies of natural and synthetic systems, and the relation of the various rock types to current plate tectonic theory and other whole-earth processes. The laboratory emphasizes the continuing development of optical microscopy skills, the identification of rock texture and mineralogy in thin section and hand specimen, the optical determination of mineral composition, and the recognition of possible petrogenetic processes as recorded in the rocks themselves. Three hours of lecture and one three-hour lab per week. Two weekend field trips required. Prerequisite(s): GEO 304, and CHE 122 and CHE 123 or taken prior or concurrently; or permission of instructor.
Corequisite(s): GEO 305L.

GEO 305L Petrology and Petrography Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 305.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 308 Mineralogy and Petrology 4 Credits
This course examines the origin, evolution, and distribution of igneous and metamorphic rocks based on mineralogy, chemistry, and tectonic relationships. Mineral content and rock texture are used to identify and classify igneous and metamorphic rocks. The physical and chemical properties of these rocks are used to understand their tectonic setting, process of formation, and pressure-temperature conditions.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 308L Mineralogy and Petrology Lab 0 Credits
This is the laboratory course that accompanies GEO 308. Laboratory work consists of the identification of mineral and rock hand specimens. Microscopic analyses include the identification and interpretation of optical properties of minerals and rock textures. Field trips provide opportunities for students to examine outcrops of igneous and metamorphic rocks.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 310 Structural Geology 4 Credits
The origin, distinguishing characteristics, and geographic distribution of deformational structures of the Earth's crust. In the laboratory, GPS, GIS, geologic maps, and three-dimensional problems are used in the study of typical surface and subsurface geologic problems. Three hours of lecture and one three-hour lab per week. Weekday and/or weekend field trips may be required. Prerequisite(s): GEO 100 or GEO 113, GEO 102.
Corequisite(s): GEO 310L.

GEO 310L Structural Geology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 310.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

GEO 480 Senior Thesis 3 Credits
A senior thesis is optional for geosciences majors. However, a senior thesis is required for eligibility to graduate with honors in geosciences. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study or other approved venue. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the geosciences major and permission of instructor.

GEO 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

GEO 491 Internship in Geosciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

MAR 120 Oceanography 3 Credits
In this course, students will investigate the geological, chemical, physical, and biological processes that shape the ocean. Emphasis will be placed on how these processes interact with each other and with human populations. These interactions influence important global phenomena that impact all our lives, including weather and climate, the distribution of marine organisms and other natural resources, and coastal processes. Understanding these phenomena will enable students to make more informed decisions and contribute to serious global marine issues. Students will learn through a combination of hands-on exercises designed to foster a deeper understanding of the scientific content as well as the scientific process, practical experiences with real data, readings, and some lectures. CLAS general education areas addressed: DP & GP.

MAR 121 Introductory Oceanography Lab 1 Credits
This lab course introduces students to the fundamental aspects of geological, chemical, physical and biological oceanography. Students learn through inquiry-based, hands-on exercises and activities using actual data collected in the lab and in the field. Independent projects and local field trips during lab and on weekends may be required. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): MAR 120 or GLS 120 or as prerequisite(s).

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 210L Marine Life through Time Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequisite(s): MAR 210.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 290 Directed Research and Study in Marine Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the marine sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in a weekly meetings with the instructor, and communicating the findings by writing a final project report.

MAR 300 Introduction to Field Marine Science 4 Credits
In this two-week field course, students will explore various topics in marine science through practical, hands-on, inquiry-based exercises and activities. The course will focus on the biological, geological, chemical, and physical processes that influence diverse marine flora and fauna found in selected marine environments, emphasizing shallow subtidal and intertidal environments such as coral reefs, sandy beaches, turtle grass beds, rocky intertidal pools, coastal wetlands, mangrove swamps, etc. Topics will be examined using field team exercises, a group mapping project, and individual research projects. Activities will help students develop their skills in research, use of field and laboratory equipment, computer analysis of data, and scientific writing, along with gaining content knowledge about the components and processes of environments studied. The course is taught at an appropriate marine field station at a U.S. or international location. Field portion of course is completed during the summer. Additional travel costs vary, depending on location.
Prerequisite(s): BIO 115 or 116 or any 200 or higher level lab science class; and MAR 120; and permission of instructor.

MAR 325 Marine Vertebrates 4 Credits
A survey of the biology of marine vertebrate animals, including fish (jawless fish, sharks, rays, and bony fish), reptiles (sea turtles and sea snakes), sea birds, and mammals (manatees, seals, and whales). The evolution, physiology, natural history, ecological relationships, and human interactions of these groups are emphasized. Three hours of lecture and one three-hour lab per week. Field trips may be required. Prerequisite(s): BIO 272 and BIO 272L.
Corequisite(s): MAR 325L.

MAR 325L Marine Vertebrates Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 325.

MAR 340 Marine Processes and Environments: Seminar 3 Credits
This course is designed as a seminar course. Therefore, students will learn to lead class discussions, to analyze and critique peer-reviewed journal articles, and to enhance their presentation skills. Students will interpret graphical, spatial, and numerical data to support their positions. Content will emphasize the interactions among marine processes, biological features, and geologic landforms.
Prerequisite(s): MAR 120 or GEO 100; GEO 306.

MAR 360 Plankton Ecology 4 Credits
Examines the diversity, physiology, and ecology of marine phytoplankton and zooplankton. Students will survey the dominant plankton groups, their distribution, nutritional requirements, growth kinetics, and behavior. Planktonic predator/prey interactions and food web dynamics will be discussed. Students will also examine the interdisciplinary nature and role of plankton in biogeochemical cycles. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): MAR 120 and MAR 121; or BIO 116.
Corequisite(s): MAR 360L.

MAR 360L Plankton Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 360.

MAR 380 The Learning and Teaching of Marine Science 4 Credits
This field-based course provides a practical experience in integrating marine science with pedagogical concepts. Students will use scientific methodology to explain marine ecosystems through specially designed, inquiry-based exercises. During these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. Hands-on, field-based exercises will provide experience with a diversity of marine habitats and the biological, geological, hydrological, and physical processes that influence them. Visited habitats can include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. As a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom use.

MAR 401 Marine Ecology 4 Credits
The purpose of this course is to introduce students to fundamental principles in ecology, as it relates to marine systems. Topics include the marine environment and its influence on the organisms living there; biodiversity and speciation; factors regulating population dynamics in marine systems; larval and fisheries ecology; species interactions such as predation, competition, and symbiosis; factors regulating productivity and energy flow in marine systems; and marine conservation. Hands-on laboratory exercises will provide students with the opportunity to design and conduct experiments related to marine ecology, and to collect, analyze, and interpret data from those experiments. Ecosystem modeling will also be introduced. Three hours of lecture and one three-hour lab per week. Weekend field trips may be introduced. Prerequisite(s): BIO 272, BIO 272L.
Corequisite(s): MAR 401L.

MAR 401L Marine Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 401.

MAR 410 Physical Oceanography 3 Credits
Introduction to the physical aspects and processes of the oceans and their influence on marine ecosystems and Earth processes. Topics include distribution of salinity and water temperature and their effect on water movement, the oceanic heat budget, atmospheric and oceanic interactions, ocean currents including surface and deep water circulation, waves, tides, and medium- to small-scale circulation features. Throughout the course, emphasis is placed on how these physical processes affect the biology and chemistry of the ocean. Three hours of lecture per week. Weekend field trips may be required.
Prerequisite(s): MAR 120.

MAR 480 Senior Thesis 3 Credits
A senior thesis is optional for marine sciences majors. However, a senior thesis is required for eligibility to graduate with honors in marine sciences. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study or other approved venue. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the marine sciences major and permission of department chair.

MAR 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

MAR 491 Internship in Marine Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

MAR 580 Independent Marine Science Field Study 4 Credits
This field-based course provides a practical experience in integrating marine science with pedagogical concepts. Students will use scientific methodology to explain marine ecosystems through specially designed, inquiry-based exercises. During these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. Hands-on, field-based exercises will provide experience with a diversity of marine habitats and the biological, geological, hydrological, and physical processes that influence them. Visited habitats can include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. As a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom use.

English

Program Overview

English majors at Rider develop creativity and skills in language, writing, analysis, and critical thinking by taking both literature, writing, and cinema courses. English majors receive attention and support from devoted faculty who help them develop their talents and skills as they learn to write intelligently and persuasively, to read with pleasure and understanding, and to strengthen the powers of their imaginations.

On the pragmatic level, employers actively seek employees with critical thinking and writing skills. English majors go on to be authors, editors, journalists, teachers, professors, librarians, executives, and lawyers. They work in publishing, media, public relations, and other areas. Graduates of the English Department have published poetry, fiction, plays, and screenplays.

More than just a curriculum, we sponsor social gatherings, networking opportunities, a speaker series, a literary magazine, poetry and fiction readings, film screenings, a newsletter, and two English Clubs, including an English SGA organization and Sigma Tau Delta Honor Society.

Curriculum Overview

English majors can focus their studies in the literature concentration or the writing concentration. Both concentrations offer substantial grounding in the rich heritage of world literature and in the cultural diversity of contemporary life. The cinema studies concentration is also an option for English majors, if they wish to focus on film analysis.

Literature Concentration

Students who are primarily interested in literature can choose from a wide variety of courses and subjects ranging from the Anglo-Saxon epic, *Beowulf*, to poets and novelists of the 21st Century, from 19th-century American slave narratives to dramatic and fictional works by Shakespeare, Austen, Woolf, and Hurston.

Writing Concentration

Those who want to primarily develop their writing can choose a concentration offering intensive instruction in many kinds of writing, including creative writing (fiction, nonfiction, playwriting, and poetry), as well as publishing and professional writing.

Cinema Studies Concentration

Those who are drawn to film might choose a concentration in cinema studies and enroll in a variety of classes on film analysis, history, and theory, courses which also emphasize interpretive and writing skills.

Honors Program in English

Qualified majors may apply for honors in their senior year. A student must have a 3.25 cumulative average and a 3.5 average in English. Upon approval from the Department of English, a candidate for honors enrolls in ENG 497 Advanced Study, writes a thesis, and submits it for departmental approval. The student must achieve a course grade of “B+” or better to graduate with honors in English.

Degree Offered

- B.A. in English

Contact

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Program Website: English (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/english/)

Associated Department: Department of English (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/english/)

Related Programs

- Communication Studies (p. 114)
- Education (p. 666)
- Journalism (p. 346)
- Philosophy (p. 442)
- Psychology (p. 461)

English Major Requirements

All declared English majors should take the departmental gateway courses as prerequisites to upper-level major courses. The gateway courses should be taken in the sophomore year. All transfers into the major must take the gateway courses in the first two semesters after their transfer. (Transfer students may take the gateway courses concurrently with upper-level major courses.)

Majors must receive a "C-" or above in each of the gateway courses to continue in the major. Those who receive a "C" or "C-" in any gateway course must meet with the individual professor teaching that course to discuss their academic progress. Majors who receive a "D" or below in any gateway course must repeat the course and meet with the professor teaching that course. Gateway courses may be repeated only once in order to achieve a grade of "C-" or above. (The repeated course may be taken concurrently with other major courses.)

- Requirements for the Literature Concentration (p. 228)
- Requirements for the Writing Concentration (p. 228)
- Requirements for the Cinema Studies Concentration (p. 229)

Requirements for the Literature Concentration

(39 credits)

Code	Title	Credits
See CAS General Education Curriculum Page (p. 1146)		
Gateway Courses		**9**
English literature majors should take all Gateway Courses before they take 300- and 400- level courses		
ENG 240	Contemporary Literary Lenses	
or ENG 245	Creativity	
ENG 250	Literary History I	
ENG 251	Literary History II [1]	
Literature and Linguistics		**3**
Select one of the following:		
ENG 236	Applied Grammar & Syntax	
ENG 336	Grammar and Style	
ENG 411	History of the English Language [1]	
Historical Surveys		**9**
Select three from the following, at least one from "Earlier" and one from "Later"		
Earlier		
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 333	16th-Century Literature	
ENG 335	17th-Century Literature	
ENG 340	Restoration & 18th Century Literature	
ENG 350	Sex and Sin in Early American Literature	
Later		
ENG 345	Romantic Literature	
ENG 346	Victorian Literature,1830-1900	
ENG 351	19th-Century American Literature	
ENG 332	British Literature, 20th-Century to Present	
ENG 357	American Literature, 20th century to Present	
Ethnic and Global Literature [2]		**3**
Select one from the following:		
ENG 337	Global Literature	
ENG 344	Gods and Monsters: Biblical and Classical Influence in Literature	
ENG 366	Black and Multi-Ethnic Literature	
Students must take a total of six credits, distributed according to their preference, from the following two categories:		
Genre/Sub-Genre Courses [2]		**6**
Select one, two, or three from the following:		
ENG 362	The Novel	
ENG 363	The Drama	
ENG 364	The Poem	
ENG 365	Short Fiction	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 384	Film Adaptation	
Theoretical & Methodolological Approaches [2]		
Select one, two, or three from the following:		
ENG 316	Theories of Writing & Tutoring	
ENG 375	Literature and Sexuality	
Major Author Seminars		**3**
Select one from the following:		
ENG 425	Seminar in Shakespeare	
ENG 435	Seminar In Milton	
ENG 440	Seminar in Selected Major Authors	
ENG 455	Seminar in Chaucer	
ENG 465	James Joyce	
Select two elective courses from the English Major [3]		**6**
Total Credits		**39**

1

Secondary education and English double majors are required to select either ENG 336 or ENG 411, AND either ENG 337 or ENG 445 .

2

English majors concentrating in literature may also take:

- ENG 354, ENG 355, ENG 356 or ENG 361 to fulfill course requirements in the category designated as appropriate by the English Department as the time such courses are offered;
- **OR** ENG 490 **and** one additional ENG course from any ENG major concentration assuming that prerequisites, if any, are met.

[3]

Electives may include ENG 206, ENG 236, ENG 240, and ENG 245, any 300- or 400-level English course, an Independent Study (ENG 490), an Internship (ENG 491), or an Honors Capstone (ENG 497 Advanced Study). Students may not count literature courses that fulfill the Disciplinary Perspectives element of the CAS general education curriculum.

Requirements for the Writing Concentration

(39 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Gateway Courses		**12**
English writing majors should take all Gateway Courses before they take 300- and 400- level courses.		
ENG 206	Introduction to Creative Writing	
ENG 240	Contemporary Literary Lenses	
or ENG 245	Creativity	
ENG 250	Literary History I	
ENG 251	Literary History II	
Literature Courses		**6**
Select two of the following:		
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 333	16th-Century Literature	
ENG 335	17th-Century Literature	
ENG 337	Global Literature	
ENG 340	Restoration & 18th Century Literature	
ENG 344	Gods and Monsters: Biblical and Classical Influence in Literature	
ENG 345	Romantic Literature	
ENG 346	Victorian Literature,1830-1900	
ENG 350	Sex and Sin in Early American Literature	
ENG 351	19th-Century American Literature	
ENG 332	British Literature, 20th-Century to Present	
ENG 357	American Literature, 20th century to Present	
ENG 366	Black and Multi-Ethnic Literature	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 375	Literature and Sexuality	
ENG 425	Seminar in Shakespeare	
ENG 435	Seminar In Milton	
ENG 440	Seminar in Selected Major Authors	
ENG 441	Seminar in American Literature	
ENG 443	Seminar in Literary Modernism	
ENG 455	Seminar in Chaucer	
Genre/Seminar Courses		**3**
Select one of the following:		
ENG 362	The Novel	
ENG 363	The Drama	
ENG 364	The Poem	
ENG 365	Short Fiction	
ENG 381	Studies in Film Genre	
ENG 384	Film Adaptation	
Writing Courses		**18**
Select six courses from the following (at least one course must be at the 400 level):		
ENG 236	Applied Grammar & Syntax	
ENG 303	Creative Writing: Poetry	
ENG 304	Creative Writing: Fiction	
ENG 305	Creative Writing: Nonfiction	
ENG 311	Creative Writing: Playwriting	
ENG 312	Creative Writing: Screenwriting	
ENG 313	Creative Writing: Experimental Writing	
ENG 315	Topics in Specialized Writing	
ENG 316	Theories of Writing & Tutoring	
ENG 318	Food Writing	
ENG 320	Editing for Literary Publishing	
ENG 321	Business and Professional Contexts	
ENG 322	Grant Proposals, Fundraising and Development	
ENG 323	Reviewing and Publishing	
ENG 324	Writing for Online Audiences	
ENG 325	Jobs in Book Publishing	
ENG 326	Editing for Academic Publishing	
ENG 336	Grammar and Style	
ENG 400	Creative Writing: Advanced Creative Writing	
ENG 405	Advanced Prose Style	
ENG 407	Advanced Workplace Writing	
ENG 411	History of the English Language	
ENG 490	Independent Study: Research and Creative Expression [2]	
ENG 491	Internship in Writing and Publishing [2]	
ENG 497	Advanced Study	
Total Credits		**39**

[1]

Secondary Education-English majors are required to select either ENG 336 or ENG 411, **AND** either ENG 337 or ENG 445 .

[2]

English Majors concentrating in writing may also take: ENG 354 or ENG 361 to fulfill course requirements in the category as appropriate by the English Department at the time such courses are offered;

- ENG 490 ;
- ENG 491 with permission.

Requirements for the Cinema Studies Concentration

(39 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Gateway Courses		**9**
English cinema studies majors should take all Gateway Courses before they take 300- and 400- level courses.		
ENG 250	Literary History I	

ENG 251	Literary History II	
ENG 284	Language of Film Analysis	
Film History I Courses		**3**
Select at least one of the following:		
ENG 281	Global Film History: Origins to 1960	
ENG 285	American Film History: Origins to 1960	
Film History II Courses		**3**
Select at least one of the following:		
ENG 282	Global Film History: 1961 to Present	
ENG 286	American Film History: 1961 to Present	
Genre/Literature Courses [1]		**6**
Select at least two of the following:		
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 332	British Literature, 20th-Century to Present	
ENG 346	Victorian Literature,1830-1900	
ENG 351	19th-Century American Literature	
ENG 357	American Literature, 20th century to Present	
ENG 362	The Novel	
ENG 363	The Drama	
ENG 365	Short Fiction	
ENG 366	Black and Multi-Ethnic Literature	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 425	Seminar in Shakespeare	
ENG 440	Seminar in Selected Major Authors	
Elective Writing Courses		
ENG 322	Grant Proposals, Fundraising and Development	
ENG 323	Reviewing and Publishing	
Cinema Studies Courses		**15**
Select five courses from the following with at least three being ENG cinema courses:		
ENG 381	Studies in Film Genre	
ENG 382	Comparative Film Directors	
ENG 383	Global Cinemas	
ENG 384	Film Adaptation	
ENG 312	Creative Writing: Screenwriting [3]	
or FMS 286	Writing Short Screenplays for Digital Cinema	
FMS 342	Artists of the Cinema	
AMS 215	Alfred Hitchcock in America	
FRE 422	Cultural Expression in French Film and Television	
LIT 322	German Literature & Film in English Translation	
SPA 412	Theater and Film of the Hispanic World (knowledge of Spanish language required)	
SPA 426	Latin American/Latino Film and Fiction	
Elective Honors Capstone		**3**
ENG 484	Seminar in Cinema Studies	
ENG 490	Independent Study: Research and Creative Expression [4]	
ENG 491	Internship in Writing and Publishing [2]	
Total Credits		**39**

1

Special Topics in any given semester may be approved by the Department of English to fulfill course requirements within the concentration.

2

English majors concentrating in cinema studies may also take:

- ENG 354 - ENG 361 to fulfill course requirements in the category designated as appropriate by the English Department at the time such courses are offered;
- ENG 490;
- ENG 491 with permission.

3

Students may choose to take either ENG 312 or FMS 286.

4

The Independent Research and Study must be applicable to Cinema Studies and could result in a major research paper, a full-length screenplay, or a short film production project, including a screenplay authored by the student.

English Minor Requirements

All declared English minors should take the departmental gateway courses as prerequisites to upper-level minor courses. The gateway courses should be taken in the sophomore year. All transfers into the minor should take the gateway courses in the first two semesters after their transfer. (Transfer students may take the gateway courses concurrently with upper-level minor courses.)

Minors must receive a "C-" or above in each of the gateway courses to continue in the minor. Those who receive a "C" or "C-" in any gateway course must meet with the individual professor teaching that course to discuss their academic progress. Minors who receive a "D" or below in any gateway course must repeat the course and meet with the professor teaching that course. Gateway courses may be repeated only once in order to achieve a grade of "C-" or above. (The repeated course may be taken concurrently with other major courses.)

- Requirements for the Minor with a Concentration in Literature (p. 230)
- Requirements for the Minor with a Concentration in Writing (p. 231)
- Requirements for the Minor with a Concentration in Cinema Studies (p. 231)

Requirements for the Minor with a Concentration in Literature

(18 credits)

Code	Title	Credits
Gateway Courses		
English Literature Minors should take Gateway Courses before they take 300- and 400- level courses.		
Select one of the following:		3
ENG 240	Contemporary Literary Lenses	
ENG 245	Creativity	
Select one or both of the following:		3-6
ENG 250	Literary History I	
ENG 251	Literary History II	
Electives		

Students who have taken both ENG 250 and ENG 251 should select three of the Electives listed below. All other students should select four Electives. All students may count no more than one Language-based course toward the minor.		9-12
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 332	British Literature, 20th-Century to Present	
ENG 333	16th-Century Literature	
ENG 335	17th-Century Literature	
ENG 337	Global Literature	
ENG 340	Restoration & 18th Century Literature	
ENG 344	Gods and Monsters: Biblical and Classical Influence in Literature	
ENG 345	Romantic Literature	
ENG 346	Victorian Literature,1830-1900	
ENG 351	19th-Century American Literature	
ENG 357	American Literature, 20th century to Present	
ENG 362	The Novel	
ENG 363	The Drama	
ENG 364	The Poem	
ENG 365	Short Fiction	
ENG 366	Black and Multi-Ethnic Literature	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 375	Literature and Sexuality	
ENG 384	Film Adaptation	
ENG 425	Seminar in Shakespeare	
ENG 435	Seminar In Milton	
ENG 440	Seminar in Selected Major Authors	
ENG 455	Seminar in Chaucer	
ENG 465	James Joyce	
Language-based Courses		
Select one of the following:		
ENG 236	Applied Grammar & Syntax	
ENG 316	Theories of Writing & Tutoring	
ENG 336	Grammar and Style	
ENG 411	History of the English Language	
Total Credits		**18**

[1]

ENG 354 or ENG 361 may also be selected to fulfill requirements in the category designated as appropriate by the English Department at the time such courses are offered.

Requirements for the Minor with a Concentration in Writing

(18 credits)

Code	Title	Credits
Gateway Courses		
English Writing Minors should take all Gateway Courses before they take 300- and 400- level courses.		**9**
ENG 206	Introduction to Creative Writing	
ENG 250	Literary History I	
ENG 251	Literary History II	
Writing Courses		
Select three of the following:		9
ENG 236	Applied Grammar & Syntax	
ENG 303	Creative Writing: Poetry	
ENG 304	Creative Writing: Fiction	
ENG 305	Creative Writing: Nonfiction	
ENG 311	Creative Writing: Playwriting	
ENG 312	Creative Writing: Screenwriting	
ENG 313	Creative Writing: Experimental Writing	
ENG 315	Topics in Specialized Writing	
ENG 316	Theories of Writing & Tutoring	
ENG 318	Food Writing	
ENG 320	Editing for Literary Publishing	
ENG 321	Business and Professional Contexts	
ENG 322	Grant Proposals, Fundraising and Development	
ENG 323	Reviewing and Publishing	
ENG 324	Writing for Online Audiences	
ENG 325	Jobs in Book Publishing	
ENG 326	Editing for Academic Publishing	
ENG 336	Grammar and Style	
ENG 400	Creative Writing: Advanced Creative Writing	
ENG 405	Advanced Prose Style	
ENG 407	Advanced Workplace Writing	
ENG 411	History of the English Language	
ENG 490	Independent Study: Research and Creative Expression	
ENG 491	Internship in Writing and Publishing	
Total Credits		**18**

[1]

ENG 354 or ENG 361 may also be selected to fulfill course requirements in the category designated as appropriate by the English Department at the time such courses are offered

Requirements for the Minor with a Concentration in Cinema Studies

(18 credits)

Code	Title	Credits
Gateway Courses		
English Cinema Studies Minors should take required Gateway Courses before they take 300- and 400- level courses.		**6**
ENG 284	Language of Film Analysis	
ENG 250	Literary History I	
or ENG 251	Literary History II	
Film History Courses		
Select one of the following:		3
ENG 281	Global Film History: Origins to 1960	
ENG 282	Global Film History: 1961 to Present	
ENG 285	American Film History: Origins to 1960	
ENG 286	American Film History: 1961 to Present	
Genre/Literature Courses		

Select at least one of the following:		3
ENG 331	Fantasy and Fable in Medieval Literature	
ENG 346	Victorian Literature,1830-1900	
ENG 351	19th-Century American Literature	
ENG 357	American Literature, 20th century to Present	
ENG 332	British Literature, 20th-Century to Present	
ENG 362	The Novel	
ENG 363	The Drama	
ENG 365	Short Fiction	
ENG 366	Black and Multi-Ethnic Literature	
ENG 371	Classics of Children's Literature	
ENG 372	Children's Literature: The Adolescent Experience	
ENG 425	Seminar in Shakespeare	
Cinema Studies Courses		
Select at least two of the following:		6
ENG 312	Creative Writing: Screenwriting	
ENG 381	Studies in Film Genre	
ENG 382	Comparative Film Directors	
ENG 383	Global Cinemas	
ENG 384	Film Adaptation	
ENG 484	Seminar in Cinema Studies	
AMS 215	Alfred Hitchcock in America	
Elective Capstones (3 credits)		
ENG 490	Independent Study: Research and Creative Expression [2]	
ENG 491	Internship in Writing and Publishing [2]	
Total Credits		**18**

1

Special Topics courses may be approved by the Department of English to fulfill course requirements within the concentration.

2

English majors concentrating in cinema studies may also take:

- ENG 354 or ENG 361 may be used to fulfill course requirements in the category designated as appropriate by the English Department at the time such courses are offered;
- **ENG 490;**
- **ENG 491** with permission.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

English with Literature Concentration (p. 232)

English with Writing Concentration (p. 232)

English with Cinema Studies Concentration (p. 233)

Academic Plan for English with Literature Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
Social Perspectives Course		3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language Course		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Scientific Perspectives		3
Social Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Philosophical Perspectives		3
Aesthetic Perspectives: Literature		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 251	Literary History II	3
Four Elective Courses [1]		12
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Spring Semester		
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
ENG 300 Level Required Course (Language & Linguistics/ Historical Survey Category)		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ENG 300 Level (Genre/Theoretical/Sub-Genre Category)		3
ENG 300 or 400 Level (Any Category)		3

Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
ENG 400 Level Course (Seminar Category)		3
ENG 400 Level Course (Any Category)		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 Please note that elective credits may be used to complete requirements in a second major or minor.

2 Literature core requirement included in the major.

Academic Plan for English with Writing Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
Social Perspectives		3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 206	Introduction to Creative Writing	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Social Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ENG 240	Contemporary Literary Lenses	3
ENG 250	Literary History I	3
Philosophical Perspectives		3
Aesthetic Perspectives: Fine Arts		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
ENG 251	Literary History II	3
ENG 300 Level Writing/Genre Course		3
Scientific Perspectives		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
ENG 300 Level Writing/Genre Course		3
ENG 300 Level Literature Course		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
ENG 300 Level Writing/Genre Course		3
ENG 300 Level Literature Course		3
ENG 300 Level Writing/Genre Course		3
Two Elective Courses [1]		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
ENG 300 Level Writing Course		3
ENG 300 Level Writing Course		3
Three Elective Courses [1]		9
	Semester Credit Hours	**15**
Spring Semester		
ENG 400 Writing Course		3
Four Elective Courses [1]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 Please note that elective credits may be used to complete requirements in a second major or minor.

2 Literature core requirement included in the major.

Academic Plan for English with Cinema Studies Concentration

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
Social Perspectives		3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Philosophical Perspectives		3
Social Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
ENG 284	Language of Film Analysis	3
ENG 250	Literary History I	3
Film History I Course		3
Aesthetic Perspectives: Fine Arts		3

Scientific Perspectives	3
Semester Credit Hours	**15**
Spring Semester	
ENG 251 Literary History II	3
Scientific Perspectives	3
Film History II Course	3
Two Elective Courses [1]	6
Semester Credit Hours	**15**
Year 3	
Fall Semester	
Select one of the following:	**3**
Film History I Course	
Film History II Course	
Any ENG 300 Level Cinema Studies Course	
Genre/Literature/Writing Course	3
Genre/Literature/Writing Course	3
Two Elective Courses [1]	6
Semester Credit Hours	**15**
Spring Semester	
Select one of the following:	**3**
Any ENG 300 Level Cinema Studies Course	
Film History I Course	
Film History II Course	
Genre/Literature Course	3
Three Elective Courses [1]	9
Semester Credit Hours	**15**
Year 4	
Fall Semester	
Select one of the following:	**3**
Film History I Course	
Film History II Course	
Select one of the following:	**3**
ENG 484 Seminar in Cinema Studies	
Any 300 Level Cinema Studies Course	
Any 300 Level Cinema Studies/ Genre/Literature/Writing Course	3
Any 300 Level Cinema Studies/ Genre/Literature/Writing Course	3
One Elective Course [1]	3
Semester Credit Hours	**15**
Spring Semester	
Select one of the following:	**3**
Any ENG 300 Level Cinema Studies/Genre/Literature/ Writing Course	
Elective Honors Capstone Course	
Select one of the following:	**3**
Film History I Course	
Film History II Course	
Any ENG 300 Level Cinema Studies/Genre/Literature/ Writing Course	
Any 300 Level Cinema Studies/Genre/Literature/Writing Course	3
Two Elective Courses [1]	6
Semester Credit Hours	**15**
Total Credit Hours for Graduation	**120**

1 Please note that elective credits may be used to complete requirements in a second major or minor.

2 Literature general education requirement included in the major.

Courses and Descriptions

ENG 205 Understanding Literature 3 Credits
The novel, the short story, drama, and poetry are studied, with a view to the insights to be gained from literature. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 206 Introduction to Creative Writing 3 Credits
A workshop that introduces students to basic conventions and techniques of creative writing. Students will read and study published writing in multiple genres, such as short fiction, drama, poetry, and creative nonfiction, and write and revise their own creative pieces.

ENG 208 Arthurian Legends in Literature 3 Credits
The legends attached to King Arthur and the Knights of the Round Table have become cultural touchstones in England and the United States. This survey of medieval to contemporary Arthurian literature examines the legends and their written versions within their respective cultural, historical, philosophical and aesthetic contexts.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 210 Major American Authors 3 Credits
An introductory course focusing on major American poets, novelists, essayists, and playwrights. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 211 Major British Authors 3 Credits
An introductory course focusing on major British poets, novelists, essayists, and playwrights. Students will learn to understand, interpret, and evaluate literary works.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 213 Literature and Mythology 3 Credits
The interrelationships that exist between literary works and folklore, ritual, and religious scriptures and beliefs are explored. The primary emphasis is on analyzing the presence of mythic patterns in specific literary works; the secondary emphasis is on theories of mythology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 214 Monsters in Literature 3 Credits
This course examines various texts on the topic of monsters. Students read and watch films, and explore the answers to the following: Who are they? Undead, alien, satanic, outcast, hidden, hostile, tragic. Where are they? Crossroads, arctic wastes, moors, abandoned buildings, forests, outer reaches, inside. What do they want? Revenge, bodies, lives, escape, life, contact, humanity. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 215 Satire and Comedy 3 Credits
Explores these two related modes of literature with the primary emphasis on satire. Possible readings include works by Euripedes, Jonson, Shakespeare, Moliere, Voltaire, Pope, Swift, Dickens, Twain, Wilde, Waugh, Orwell, and Heller.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 217 Introduction To Shakespeare 3 Credits
Students in this course study Shakespearean drama on an introductory level through close reading, analysis, and discussion of selected plays. They learn the relevance and importance of Shakespeare's themes, characterizations, and imagery. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 218 Literature and the Environment 3 Credits
Students examine literature on important environmental issues, such as climate change, pollution, dams, oil pipelines, and nuclear energy. The class focuses on how literature, which may include fiction, poetry, drama, and essays, helps readers understand and grapple with these complex global challenges.

ENG 219 Literature and Violence 3 Credits
This course will examine and critique themes of violence that have become a pervasive and recurring artistic thread in classic literary texts. Through careful, close textual readings and critical analyses of thematically selected texts that contain multiple artistic representations of violence in varied literary genres, students will explore literary violence as a possible metaphor for understanding dimensions of power, control and dominance. In analytical studies of thematically selected texts, students will gain new insights and critical perspectives on modern American society and the social causes and ills of violence. Students will delve into the root, cause and meaning of violence and they will further grow to understand why and how violence still maintains a pervasive presence in their daily lives and in the very literature they read. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 220 Literature & Society 3 Credits
Literature is examined, emphasizing human behavior as it relates to such social phenomena as war, alienation, social disorganization, injustice, and poverty. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 221 Literature and Psychology 3 Credits
Students will study Freudian and other psychoanalytical concepts as they appear in literature, plus psychological patterns of behavior such as aggression, frustration, and submission, that have been utilized by creative literary artists to expand the reader's understanding of the human experience. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 222 Crime and Literature 3 Credits
This introductory course focuses on representations of crime in novels and short stories. The primary goal of this course is to equip you with the basic tools you need to interpret fiction. Examining how narrative elements such as plot, character, point of view, and setting function in literature will enable you to analyze, not just comprehend and summarize, fiction. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 224 Science Fiction 3 Credits
This course is designed to introduce students to science fiction, its major themes and preoccupations, as well as some of its significant authors and genres. It has been argued that science fiction or "speculative" fiction represents a viable way to make sense of our everyday world. Our primary focus, therefore, will be on how these texts--written and visual--help us understand our culture and ourselves through encounters with alien and unfamiliar worlds, species, and technology. By the end of the course, students are expected to be able to critically engage with science fiction, and to identify its broad cultural impact. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 226 Introduction to Film 3 Credits
Focuses on various cinematic techniques used to develop underlying thematic and symbolic concepts and to shape viewer response. Students will analyze classical and contemporary features for their masterful use of visual language.

ENG 228 Black American Lit 3 Credits
A survey of writings by black Americans, presented historically from early slave narratives through emancipation, reconstruction, the Harlem Renaissance, and literature from the 1930s to the present. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 229 Multi-Ethnic Literature in America 3 Credits
Surveys the literature of various ethnic groups including African Americans, American Indians, Asian Americans, Hispanic Americans, Jewish Americans and European Americans. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 230 Women In Literature 3 Credits
A range of literary presentations of the female experience and of the conditions of women's lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 236 Applied Grammar & Syntax 3 Credits
This course offers a review of the essential elements of English grammar and syntax and fosters understanding of how these elements work in notable argumentative and expository writing as well as in the student's own compositions. Focus is on both expert reading and effective writing. Changing attitudes toward usage, including influence of digital media on language use, are discussed. May be taken as preparation for, or independently of ENG 336, which addresses grammar, syntax, and style at a more advanced level.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 240 Contemporary Literary Lenses 3 Credits
This class teaches students to read literary and other cultural texts through a range of lenses including psychoanalysis, theories of gender and sexuality, social class and ideology, and race and ethnicity. Required of all English literature and writing majors, and literature minors.

ENG 245 Creativity 3 Credits
This course is an introduction to the history of literary creativity and the related topics of invention, genius, imagination, and originality. It examines theories of literary creativity throughout history from ancient ideas about the origins of inventiveness to recent theories. It looks at select works in English and other sources, and it looks at the subject of creativity in poetic, prose, and dramatic works.
Prerequisite(s): English Literature majors should take all Gateway Courses before they take 300- and 400- level courses.

ENG 250 Literary History I 3 Credits
Surveys British literature beginning with the old English epic of Beowulf and ending in 1785. Students analyze diverse works of literature from different genres, movements, and periods while taking into account historical context. Students learn to analyze literature using formal strategies and terms, and to develop arguments about literature. All English majors and writing concentration minors must take this course. Literature and cinema studies concentration minors must take either ENG 250 or 251. Students are advised to take this course prior to upper-level English courses.

ENG 251 Literary History II 3 Credits
Surveys literature in English since 1785. Students analyze diverse works of literature from different genres, movements, and periods while taking into account historical context. Students learn to analyze literature using formal strategies and terms, and to develop arguments about literature. All English majors and writing concentration minors must take this course. Literature and cinema studies concentration minors must take either ENG 250 or 251. Students are advised to take this course prior to upper-level English courses..
Prerequisite(s): ENG 250 or permission of the instructor or chairperson.

ENG 270 Major Poets 3 Credits
Studies major American and British poets.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 275 Posthumanism: Bodies and Technology in Literature 3 Credits
This course explores the concept of posthumanism in speculative and futuristic literature. Who counts as human? How do advances in science and technology change what it means to be human? How much can we change our bodies before we stop being human? Categories of posthumanism that may be explored include virtual reality, cybercultures, and bodily transcendence; cyborgs; body modification, duplication, and replacement; cloning; genetic engineering; and postapocalyptic/ ecocritical narratives.

ENG 280 Special Topics in Literature 3 Credits
Uses literary works to achieve insights into different areas of human experience. Topics change annually as announced by the English department.

ENG 281 Global Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From silent comedy and melodrama to German Expressionism and Soviet activist cinema; from French poetic realism and Italian Neo-realism to Hollywood sound cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. ENG 281 is crosslisted with FMS 250 and this course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

ENG 282 Global Film History: 1961 to Present 3 Credits
Examines major technological, industrial and aesthetic developments in both American and international cinema of the period. From the decline of the studio system and the emergence of the 'New Hollywood' to the digital revolution; from the renaissance in Western and Eastern European cinemas to Latin American, Asian, and Middle Eastern cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. ENG 282 is crosslisted with FMS 251 and fulfills the general education global perspectives requirement.

ENG 284 Language of Film Analysis 3 Credits
Provides students with the fundamentals necessary for achieving beginning proficiency in methods of cinema studies scholarship. The course provides an in-depth introduction to concepts of film analysis, theory, and history, as well as to the field of cinema studies as an academic discipline. Through close analysis of selected films and readings, students will examine the various and complex ways in which formal elements shape meaning. Students also will study key concepts in film theory, applying these concepts as a further means of understanding the ways in which film positions viewers and mediates ideology. Required of all English majors and minors with a cinema studies concentration. ENG 284 is crosslisted with FMS 284.

ENG 285 American Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in American cinema as it grew from the days of one-reel silent shorts exhibited in storefront theaters through the days of studio productions exhibited in lavish picture palaces and featuring iconic stars the system manufactured and promoted. From the inception of sound and color, to the later development of lightweight equipment that freed filmmakers from the confines of the studio, from the “golden age” to the gradual decline of the Hollywood studio system in the 1950s, we will study the lasting genres that grew out of the system, the filmmakers who flourished and those who rebelled against the system, and the ground-breaking films that established the American film industry as a dominant force within the world. ENG 285 is crosslisted with FMS 252.

ENG 286 American Film History: 1961 to Present 3 Credits
Examines the transitions of Hollywood in the post-studio era— the rise of the 1960’s-1970s New Hollywood and its ground-breaking films, the rise of the blockbuster as an industry standard; the responses of independent filmmakers and the avant-garde to blockbuster dominance; the transition from the Production Code to the ratings system, the move back to studio-owned theaters, and the emergence of digital cinema and CGI. We will look at how genres are being redefined, how major filmmakers are re-shaping their work to fit 21st century demands, how “gaming,” YouTube, and other media sources are altering the very definition of cinema.

ENG 290 The Short Story 3 Credits
Presents the development of the short story from the 19th century to the present with an emphasis on the techniques of plot, setting, characterization, theme, and point of view. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 295 Human Relationships in Literature (HONORS) 3 Credits
Through in-depth analysis of significant pairs of literary works from a variety of time periods, students in this honors course will study the dynamics of human relationships as they are presented in literature. Emphasis will be on portrayal of interpersonal relationships as inflected by conventions, constraints, and taboos. Social and psychological theories will complement esthetic and formal analysis of fiction, drama, poetry, and film. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): 3.3 GPA.

ENG 303 Creative Writing: Poetry 3 Credits
A workshop analyzing the techniques of poetic expression, with a focus on the student's original experiments in traditional and contemporary verse forms.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 304 Creative Writing: Fiction 3 Credits
Students write original fiction and analyze the techniques of writing fiction in discussion of both their own drafts and published examples of the form.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 305 Creative Writing: Nonfiction 3 Credits
A workshop in Creative Nonfiction (aka Literary Nonfiction or Narrative Nonfiction, abbreviated CNF) in which students will write and read different forms of memoir and essay, including Personal Essay, Lyric Essay, Travel Writing, Oral History, and Personal Profiles. Creative Nonfiction (CNF) tells true stories using the literary techniques of fiction-writing, such as building dramatic scenes, establishing suspense, and developing a narrative sequence of events, or plot. CNF employs vivid sensory detail and builds characters and scenes to enhance the reader's experience of the story. Challenging the traditional journalist's stance of objectivity and emotional distance from her topics, CNF writers often put themselves into their stories to create a voice of reflection. We'll talk about what types of creative license CNF gives writers, and also about the ethics of storytelling, especially when your story's characters are real, living people.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 306 Creative Writing: Drama 3 Credits
Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and countercultures, popular commemorations like World's Fairs, and political culture. Some of the largest trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.

ENG 311 Creative Writing: Playwriting 3 Credits
A workshop teaching and analyzing how students write for the stage that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for theatrical performance. A portfolio of revisions will serve as a final for the course.

ENG 312 Creative Writing: Screenwriting 3 Credits
A workshop teaching and analyzing how students write for the screen, both television and film, that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for production. A portfolio of revisions will serve as a final for the course.

ENG 313 Creative Writing: Experimental Writing 3 Credits
A creative writing workshop dedicated to developing a wider range of literary techniques. For the purposes of this course, Experimental Writing is defined as writing that departs -- in form, structure, or style -- from the conventions of literary realism. Students will demonstrate proficiency in writing and reading experimental fiction, nonfiction, and poetry, with an emphasis on experimental narrative techniques such as metafiction, magic realism, the unreliable narrator, multi-genre and hybrid forms (works that blur the lines between poetry and prose, for example), nonlinear storytelling, fragmentation, and poetic techniques such as found text and readymades, self-imposed constraints, and the collage or mashup.

ENG 315 Topics in Specialized Writing 3 Credits
A workshop in which students will write on specialized topics chosen by the instructor.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 316 Theories of Writing & Tutoring 3 Credits
A workshop on writing and tutoring theory for students interested in becoming writing tutors or teachers.
Prerequisite(s): minimum GPA 3.0, sophomore standing, and permission of the instructor.

ENG 318 Food Writing 3 Credits
Food Writing is a thematically based course in essay writing. It develops students' ability to write effective informal prose while also extending their knowledge about food sources, preparation, and consumption. They learn through readings and exercises, however, that food writing is about more than food. It encompasses the pleasures of the table, history, culture, science, and politics.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 320 Editing for Literary Publishing 3 Credits
This course introduces students to the process of publishing literary magazines and books. Student will learn all aspects of publishing from solicitation of manuscripts to the production of copy. Specific skills will include copyediting, proofreading, and layout.

ENG 321 Business and Professional Contexts 3 Credits
Students practice writing effectively to achieve specific purposes in typical business and professional workplace environments. Genres include various kinds of internal and external communication, including print and social media, for a range of audiences.
Prerequisite(s): CMP 125 or COM 203 or BHP 150 or permission of instructor.

ENG 322 Grant Proposals, Fundraising and Development 3 Credits
Students employ their analytical and writing skills to research and write grants for non-profit organizations in their local or regional communities. Fundraising and development activities on behalf of area organizations introduce them to career opportunities in this growing field.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 323 Reviewing and Publishing 3 Credits
Students learn to write arts and literary criticism through studying the work of prominent critics in literature, theatre, film, dance, visual arts, and music. Students learn how to market themselves as potential reviewers for print and online publications.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 324 Writing for Online Audiences 3 Credits
This course will help students adapt their writing to online environments. A writing- intensive course grounded in rhetorical principles, it focuses upon planning, writing and producing online texts distributed entirely through virtual portals. Genres include E-mail, instant messages, text messages, blogs, wikis, workplace social-media, and online team collaborations.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 325 Jobs in Book Publishing 3 Credits
Students will practice the forms of writing used by literary agents and publishing professionals working in acquisitions, editorial, and production at trade, academic, and small literary presses. These forms may include the query letter, book proposal, reader's report, and marketing plan.
Prerequisite(s): Completion of composition requirements or permission of instructor.

ENG 326 Editing for Academic Publishing 3 Credits
The course will provide an overview of academic publishing with an emphasis on peer-reviewed scholarly journals. Students will learn firsthand the process of publishing a scholarly journal, from soliciting manuscripts to laying out copy. Assignments may include mastering the standard system of proofreading marks; copyediting, fact-checking and source-checking manuscripts; and correcting page proofs. Students will learn about style sheets, style manuals and reference books; document management; and professional communication standards for querying authors and reviewers.
Prerequisite(s): completion of composition requirements (CMP 125, CMP 203, or BHP 150 with a grade of C) or permission of instructor.

ENG 331 Fantasy and Fable in Medieval Literature 3 Credits
A study of monsters, fairies, magical women, green men, and more in medieval literature. From divine to bawdy, the stories and lyrics cover diverse themes and styles.

ENG 332 British Literature, 20th-Century to Present 3 Credits
A seminar on literature in the United Kingdom from 1900 to the present, emphasizing formal experiments as well as historical contexts, and including such writers as Joyce, Woolf, Beckett, Rhys, Eliot, and Ishiguro.

ENG 333 16th-Century Literature 3 Credits
A seminar on Renaissance literature including such writers as More, Wyatt, Surrey, Spenser, Sidney, Shakespeare, and Marlowe.

ENG 335 17th-Century Literature 3 Credits
A seminar on literature in England from 1600 to 1660, including such writers as Donne, Jonson, Browne, Herbert, and Marvell.

ENG 336 Grammar and Style 3 Credits
By building a comprehensive knowledge of the conventions of English grammar, punctuation and syntax, students will learn how to analyze the way words, phrases, sentences, and paragraphs work in expert writing, and they will apply this knowledge to their own writing. Emphasis is on argument, exposition, and analysis.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 337 Global Literature 3 Credits
A study of the recent literature, in English, of one or more writers whose cultural identification is with one of the former colonies of the British Empire, as it was defined at the beginning of the 20th century. Literature in the English language, written by authors of African, Caribbean, Pacific Island, East Asian, or South Asian cultures may be included.

ENG 340 Restoration & 18th Century Literature 3 Credits
An exploration of literature in England from 1660 to 1800, including such writers as Astell, Pope, Finch, Swift, Defoe, Fielding, Johnson, and Wollstonecraft.

ENG 344 Gods and Monsters: Biblical and Classical Influence in Literature 3 Credits
This course surveys biblical and classical influences on western literature and beyond, analyzing adaptations of seminal texts with special attention to gender, race, and sexuality. We will read selections from the Old and New Testaments, Homer, Sophocles, Virgil, Ovid, and Dante (to name a few) as well as adaptations of that material by popular writers, artists, and musicians.

ENG 345 Romantic Literature 3 Credits
A seminar on literature in England from 1780-1830, emphasizing a close study of the poetry of Blake, Wordsworth, Coleridge, Shelley, Byron, and Keats, as well as important novelists and female poets of the period.

ENG 346 Victorian Literature,1830-1900 3 Credits
A seminar on literature in England from 1830 to 1900, emphasizing close study of the literary culture, including such writers as Dickens, Browning, Mill, and Ruskin.

ENG 347 20th-Century British Literature 3 Credits
A seminar on literature in the United Kingdom from 1900 to 1960, emphasizing formal experiments as well as historical contexts, and including such writers as Joyce, Woolf, Beckett, Rhys, Delaney, and Eliot.

ENG 348 Contemporary British Literature 3 Credits
A study of contemporary literature written in English after 1945, in the U.K. and elsewhere, by writers of British, Irish, Scots, Welsh, and other cultural traditions. Poetry, fiction, literary essays, and drama will be included.

ENG 350 Sex and Sin in Early American Literature 3 Credits
A seminar on literature in the United States from its beginnings to 1800, emphasizing the changing and conflicted nature of religious beliefs and sexual identities in Early America. Students will read and analyze diverse literary genres including diaries, letters, essays, novels, short stories, poems, and sermons.

ENG 351 19th-Century American Literature 3 Credits
A seminar on literature in the United States from 1800 to 1900, emphasizing literary genres and the definition of an American literature as distinct from English literature.

ENG 353 Contemporary American Literature 3 Credits
A seminar on American literature from 1945 to the present.

ENG 354 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 355 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 356 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 357 American Literature, 20th century to Present 3 Credits
"A seminar on American literature from 1900 to the present, including such writers as O'Neill, Hemingway, Faulkner, Richard Wright, Stevens, Moore, and Williams, and Morrison.".

ENG 361 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 362 The Novel 3 Credits
A close reading of novels from various historical periods and cultures.

ENG 363 The Drama 3 Credits
A close reading of drama, with attention to cultural contexts and the genres of tragedy and comedy.

ENG 364 The Poem 3 Credits
A close reading of poetry, with attention to historical periods and poetic genres.

ENG 365 Short Fiction 3 Credits
A close reading of short fiction from a variety of cultures, with attention to the various genres of short fiction: short-short, short story, long story, and novella.

ENG 366 Black and Multi-Ethnic Literature 3 Credits
A Survey of the literary writings of selected writers of Black and Multi-Ethnic America. Writers may include Zora Neale Hurston, Dorothy West, Maxine Hong Kingston, Anzia Yezierska, Louise Erdrich, Don Lee and Amy Tan.

ENG 371 Classics of Children's Literature 3 Credits
An analytic study of classic and contemporary literature for children. Students will be introduced to a variety of critical approaches, including psychoanalytic, social/historical and feminist. The course may be of particular interest, but is not restricted, to students majoring in education or psychology.

ENG 372 Children's Literature: The Adolescent Experience 3 Credits
A study of enduring literature examines how exemplary writers chronicle the challenges of growing up. Texts may include influential Young Adult fiction, classics such as The Catcher in the Rye and To Kill a Mockingbird, and contemporary fiction by important writers who focus on the relevant themes.

ENG 375 Literature and Sexuality 3 Credits
The study and application of theories of gender and sexuality in various periods of British and/or American literature. Possible course topics include the literature of AIDS, the literary history of sexuality, Gothic literature and sexuality, colonialism and desire, and sensibility and sexuality in the later 18th century.

ENG 381 Studies in Film Genre 3 Credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology. Note: This course is cross-listed as FMS 381. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that genres studied will rotate.

ENG 382 Comparative Film Directors 3 Credits
Provides an in-depth comparative study of major American, international, independent and avant-garde filmmakers. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing the work of individual directors and will draw meaningful comparisons among directors sharing similar aesthetic and thematic approaches. Students will trace the artistic development of directors through their careers, assessing individual works in the context of film criticism and theory, and in the context of multi-layered intertextual influences. Note: This course is cross-listed as FMS 382. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that directors studied will rotate.

ENG 383 Global Cinemas 3 Credits
Provides an in-depth study of the history and defining characteristics of national cinemas. Through close analysis of selected films and readings, students will examine the general movements within the history and development of various national cinemas, with attention to film historiography when considering how patterns are to be viewed in light of the culture, politics, and history of a particular producing nation. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as FMS 383. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that national cinemas studied will rotate.

ENG 384 Film Adaptation 3 Credits
Provides an in-depth study of intertextual influence, as film enters into "dialogue" with various literary forms. Through close analysis of selected films and various forms of literature-including novels, graphic novels, short stories, plays, poetry, and journalism- students will study the aesthetic specificity of both film and literary genres and will analyze the transformative qualities at play when a work is adapted from page or stage to screen. Note: This course is cross-listed as FMS 384.

ENG 400 Creative Writing: Advanced Creative Writing 3 Credits
An advanced workshop in creative writing.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 405 Advanced Prose Style 3 Credits
Students analyze prose styles in English from the Renaissance to the present, focusing on the development of syntax, diction, and content. Students will be encouraged to imitate stylistic models and to develop their own prose style.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 407 Advanced Workplace Writing 3 Credits
Students will learn to adapt their writing skills to match specialized writing needs in publishing; corporate and personal finance; health, medicine, science, and technology. This course helps students build a portfolio and introduces them to corporate and freelance writing opportunities in our NJ/PA/NY area.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 411 History of the English Language 3 Credits
A seminar on the historical development of the English language, including phonetics, diversity, and present-day usage.

ENG 425 Seminar in Shakespeare 3 Credits
A seminar on Shakespearean drama and poetry.

ENG 435 Seminar In Milton 3 Credits
A seminar on Milton's lyric poetry, Samson Agonistes, Paradise Lost, and prose.

ENG 440 Seminar in Selected Major Authors 3 Credits
Seminar focusing on literature by one or two authors.

ENG 441 Seminar in American Literature 3 Credits
A seminar focusing on literature by one writer or by a small group of writers.

ENG 443 Seminar in Literary Modernism 3 Credits
A seminar on literature from 1900 to 1940, by British, Irish, and American writers such as Hardy, Yeats, Woolf, Joyce, Eliot, Williams, Hurston, and Faulkner.

ENG 445 Seminar in Black/Multi-Ethnic Literature 3 Credits
A seminar focusing on literature by black, Native American, Hispanic, Asian American and first-generation immigrant writers.

ENG 455 Seminar in Chaucer 3 Credits
An examination of Geoffrey Chaucer's writings from a number of critical perspectives, including close reading of the texts in Middle English, context and history, gender and sexuality, linguistics, and paleography and codicology.

ENG 465 James Joyce 3 Credits
This course will offer advanced English majors an in-depth exploration of the fiction of James Joyce with a particular focus on Joyce's novel Ulysses, considered one of the most (if not the most) important novels written in the twentieth century. Through a carefully scaffolded reading of Joyce's challenging work, students will explore the technical, aesthetic, and social innovations of modernist fiction and its contemporary and continuing cultural impact; recognize and articulate classical, biographical, and cultural influences on Joyce's work; and understand how editors, publishers, critics, and readers contribute to the production of seminal works of literature.

ENG 484 Seminar in Cinema Studies 3 Credits
Provides an in-depth study of areas central to discussion and debate in the field of cinema studies (such as film violence, cinema censorship, feminism and film, post-colonial cinema, African- American cinema, blaxploitation, The French New Wave, and Italian Neorealism, among others). Through close analysis of selected films and readings, students will examine the impact of specialized influential movements in film history and in film theory and criticism. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as FMS 484. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that topics in the field of cinema studies will rotate.

ENG 485 Cinema Studies for Teachers 3 Credits
Designed for teachers and education students who (will) use film in their classrooms, ENG 485 provides approaches to teaching basic film analysis; approaches to helping students recognize the permeable boundaries between film, culture, and ideology; and approaches to understanding selected issues crucial in cinema studies as a field of scholarly study. The course provides teachers and prospective teachers with various methodological approaches and flexible uses of fiction and documentary films across the curriculum, whether to supplement or reinforce existing curricula or in stand-alone courses devoted to the study of film.

ENG 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. To count toward the Certificate in Workplace Writing, an ENG 490 project must focus on workplace-related writing and be structured to include substantial formative feedback and revision. No more than one ENG 490 may be counted toward the certificate.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 491 Internship in Writing and Publishing 1-6 Credits
Students work under the supervision of English faculty and on-site supervisors to complete real- world assignments in writing, publishing, and cinema studies. Their performance is assessed by professional standards. A minimum of 48 hours of field work per credit is required. Students report to faculty and on-site supervisors regularly, submit all work required by on-site supervisors, maintain a log, and complete a final report. Three credits required to count toward English writing concentration. Restricted to juniors and seniors.

ENG 497 Advanced Study 3 Credits
Qualified majors may apply for honors in their senior year. Upon approval from the department of English, a candidate for honors enrolls in Advanced Study, writes a thesis, and submits it for departmental approval. The student must achieve a course grade of "B+" or better to be graduated with honors in English.
Prerequisite(s): senior standing; 3.5 GPA in English; 3.25 cumulative GPA.

Environmental Sciences

Program Overview

All Environmental Sciences students will participate in extensive fieldwork, exploring a rich diversity of ecological environments and acquiring the knowledge and skills required for a wide range of potential careers. Depending on an individual student's area of interest, Environmental Sciences majors can study such sub-disciplines as climate change, hydrology, ecology, coastal processes, soils, molecular biology, environmental biogeochemistry, organic and inorganic chemistry, environmental policy, or sustainability studies; the latter is available as a separate GEMS minor.

Curriculum Overview

The Environmental Sciences program provides students with an interdisciplinary perspective by not only drawing on programs and faculty from the Department of Earth and Chemical Sciences, but also including additional science courses from biology and physics as well as courses that address the social, political, and ethical aspects of environmental issues.

Student Learning Outcomes

Graduates of the Environmental Sciences major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in environmental sciences.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.

3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Environmental Sciences

Graduation with honors in Environmental Sciences is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the program is by invitation of the department faculty. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degrees Offered

- B.S. in Environmental Sciences

Contact

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Program Website: Environmental Sciences (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/environmental-sciences/)

Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth and Environmental Sciences Minor (p. 195)
- Earth Sciences (p. 198)(for Secondary Education majors)
- Environmental Studies (p. 253)
- Geology (p. 290)
- Marine Sciences (p. 380)

Environmental Sciences Major Requirements

(67-69 credits)

Code	Title	Credits
Geological, Environmental, and Marine Sciences		
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 205	Introduction to Geographic Information Systems	3
ENV 220	Weather and Climate Change	3
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	4
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	4
Select one of the following:		4
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	
OR		
GEO 113 & GEO 102	Environmental Geology and Earth Materials and Processes Lab	
Biology		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 350 & 350L	General Ecology and General Ecology Lab	4
Chemistry		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab	4
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
Mathematics		
Select one; also satifies CLAS core requirement		4
MTH 105	Algebra and Trigonometry	
MTH 210	Calculus I	
Physics		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	4
Environmental Science Electives		
Select two courses from the following:		6-8
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	
BIO 335 & 335L	Plant Biology and Modern Plant Biology Lab	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
ENV 340	Environmental Field Methods and Data Analysis	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
MAR 300	Introduction to Field Marine Science	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
MAR 410	Physical Oceanography	
Policy and Humanities Elective		**3**
Select one course from the following:		
AMS 304	Technology and Science in America	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest	
HIS 224	American Environmental History	
ENG 218	Literature and the Environment	

IND 316	Nature's Business	
PHL 215	Environmental Ethics	
POL 328	Environmental Politics	
POL 329	Comparative Environmental Policy	
POL 330	Geopolitics of Energy	
SOC 225	Population Study	
Total Credits		**67-69**

Notes:

1. Upper-level MAR courses require MAR 120 and MAR 121 as prerequisites.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115	Principles of Biology I	4
BIO 115L	Principles of Biology I Lab	0
ENV 100	Introduction to Environmental Sciences	4
ENV 100L	Introduction to Environmental Sciences Lab	0
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Social Perspectives		3
Foreign Language [1]		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
ENV 200L	Statistical and Computer Applications in the Natural Sciences Lab	0
BIO 272	Intro to Marine Biology	4
BIO 272L	Marine Biology Laboratory	0
Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Social Perspectives		3
Philosophical Perspectives		3
Aesthetic Perspectives: Literature		3
Elective Course [2]		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
ENV 205	Introduction to Geographic Information Systems	3
BIO 350	General Ecology	4
BIO 350L	General Ecology Lab	0
HIS 150	World History to 1500	3
	Semester Credit Hours	**14**
Spring Semester		
Select one of the following:		**4**
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
BCH 225	Introduction to Organic and Biochemistry	4
BCH 225L	Introduction to Organic & Biochemistry Lab	0
HIS 151	World History Since 1500	3
Environmental Science or Policy & Humanities Elective		3-4
	Semester Credit Hours	**14-15**
Year 4		
Fall Semester		
Environmental Science or Policy & Humanities Elective		3-4
Four Elective Courses [2]		12
	Semester Credit Hours	**15-16**
Spring Semester		
Select one of the following:		**4**
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
Environmental Science or Policy & Humanities Elective		3-4
Three Elective Courses [2]		9
	Semester Credit Hours	**16-17**
	Total Credit Hours for Graduation	**121-124**

Note: Natural and Physical Science core requirement included in major.

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 340 Environmental Field Methods and Data Analysis 3 Credits
This course will provide students with practical experience in field methods and data analyses within the environmental sciences. The course will include advanced activities incorporating field-based exercises, GIS analyses, statistical analyses, and database management. Students will also complete an independent project focused on a relevant topic. Local field trips during lab and on weekends may be required.
Prerequisite(s): MTH 105, GEO 100, GEO 102, and ENV 100; or Permission of Instructor.

ENV 350 Principles of Environmental Toxicology 3 Credits
A comprehensive description of the important principles of toxicology, including the absorption, distribution, metabolism, and excretion of toxic substances. Target organs systems will be discussed as well as mechanisms of carcinogenesis and teratogenesis. Specific groups of toxins to be discussed include: pesticides, metals, radiation, solvents and vapors, and plant and animal toxins. Three hours of lecture per week.
Prerequisite(s): BCH 225 or CHE 211, BIO 115.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that "society exists by geologic consent subject to change without notice" by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 304 Elements of Mineralogy 4 Credits
This course examines the physical properties, chemistry, atomic structure, crystallography, uses, and environmental impacts of important minerals found in the Earth's lithosphere and biosphere. In addition, lab assignments and exercises emphasize crystal symmetry and chemistry; polarizing microscope, ICP, SEM, and x-ray analytical techniques; the graphical display and interpretation of compositional data; optical properties of isotropic and uniaxial minerals; and the identification of mineral hand specimens. Three hours of lecture and one three-hour lab per week. At least one weekend field trip required. Prerequisite(s): GEO 100 or GEO 113, and GEO 102, and CHE 120, CHE 121 taken prior or concurrently; or permission of instructor.
Corequisite(s): GEO 304L.

GEO 304L Mineralogy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 304.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

MAR 300 Introduction to Field Marine Science 4 Credits
In this two-week field course, students will explore various topics in marine science through practical, hands-on, inquiry-based exercises and activities. The course will focus on the biological, geological, chemical, and physical processes that influence diverse marine flora and fauna found in selected marine environments, emphasizing shallow subtidal and intertidal environments such as coral reefs, sandy beaches, turtle grass beds, rocky intertidal pools, coastal wetlands, mangrove swamps, etc. Topics will be examined using field team exercises, a group mapping project, and individual research projects. Activities will help students develop their skills in research, use of field and laboratory equipment, computer analysis of data, and scientific writing, along with gaining content knowledge about the components and processes of environments studied. The course is taught at an appropriate marine field station at a U.S. or international location. Field portion of course is completed during the summer. Additional travel costs vary, depending on location.
Prerequisite(s): BIO 115 or 116 or any 200 or higher level lab science class; and MAR 120; and permission of instructor.

MAR 360 Plankton Ecology 4 Credits
Examines the diversity, physiology, and ecology of marine phytoplankton and zooplankton. Students will survey the dominant plankton groups, their distribution, nutritional requirements, growth kinetics, and behavior. Planktonic predator/prey interactions and food web dynamics will be discussed. Students will also examine the interdisciplinary nature and role of plankton in biogeochemical cycles. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): MAR 120 and MAR 121; or BIO 116.
Corequisite(s): MAR 360L.

MAR 360L Plankton Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 360.

MAR 410 Physical Oceanography 3 Credits
Introduction to the physical aspects and processes of the oceans and their influence on marine ecosystems and Earth processes. Topics include distribution of salinity and water temperature and their effect on water movement, the oceanic heat budget, atmospheric and oceanic interactions, ocean currents including surface and deep water circulation, waves, tides, and medium- to small-scale circulation features. Throughout the course, emphasis is placed on how these physical processes affect the biology and chemistry of the ocean. Three hours of lecture per week. Weekend field trips may be required.
Prerequisite(s): MAR 120.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 272 Intro to Marine Biology 4 Credits
Introduces students to the study of marine environments, emphasizing the diversity, ecology, and physiology of marine animals, algae, and plants. Aspects of the human impact on marine environments are also discussed. Prerequisite(s): BIO 115 or BIO 116 or BNS 118 and grade of "C" or better.
Corequisite(s): BIO 272L.

BIO 272L Marine Biology Laboratory 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 272.

BIO 335 Plant Biology 4 Credits
Biology of seed plants, including growth, development, and reproduction of flowering plants. Emphasis is placed on acclimation and adaptations demonstrating environmental influences on plant structure and function. Current literature involving molecular mechanisms of control will be discussed. Three hours of lecture and one three-hour lab per week. One Saturday field trip. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C.
Corequisite(s): BIO 335L.

BIO 335L Modern Plant Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 335.

BIO 350 General Ecology 4 Credits
An investigation of the processes that regulate the distribution of plants and animals throughout the biosphere. Relationships among species and their interactions with the environment are stressed. Quantitative analyses of experimental results and current research in basic and applied ecology are discussed. Laboratory activities explore conceptual models using both field activities and computer simulations. Three hours of lecture and one three-hour lab per week. One Saturday field trip (laboratory time will be adjusted accordingly). Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350L.

BIO 350L General Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

BCH 225 Introduction to Organic and Biochemistry 4 Credits
An introductory course describing the basic principles of organic chemistry and biochemistry as they relate to human metabolism and disease. The nature of the chemical structure and reactivity of organic functional groups such as alcohols, aldehydes, ketones, carboxylic acids and amines will be presented with biological processes in mind. The biochemistry of the macromolecules DNA, RNA, proteins, carbohydrates and lipids will be discussed leading to a discussion of some of the more important metabolic pathways. This course is intended for science majors who do not take the full two semester sequence of organic chemistry and two semesters of biochemistry and desire a background in biochemistry. Non-science major students who have had one semester of general chemistry and one semester of biology may also enroll in the course. Three hours of lecture and one three-hour lab per week. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115 with a minimum grade of D
Corequisite(s): BCH 225L.

BCH 225L Introduction to Organic & Biochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115.
Corequisite(s): BCH 225.

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212.
Corequisite(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week.
Corequisite(s): PHY 100.

AMS 304 Technology and Science in America 3 Credits
An overview of the development and impact of technology and science on American institutions. Topics include innovation, economic growth, science and its relation to technology, social theory, and the politics of science.

BHP 259 Honors Seminar: The Environment: a Conflict of Interest 3 Credits
Examines critical environmental issues such as global warming; food, water and energy resources; population trends; and global industrialization. Topics for context will include the origin of the elements, the origin of solar systems, and the origin of life as well as the basic principles of the current biotechnical revolution. Scientific understanding will be combined with knowledge about strategies for raising community awareness in order to (re)formulate public policy. In teams, students will be asked to define the problems; research available and prospective solutions; identify the technical, social, political, and economic constraints; and finally propose a workable strategy for making progress toward solutions.

ENG 218 Literature and the Environment 3 Credits
Students examine literature on important environmental issues, such as climate change, pollution, dams, oil pipelines, and nuclear energy. The class focuses on how literature, which may include fiction, poetry, drama, and essays, helps readers understand and grapple with these complex global challenges.

HIS 224 American Environmental History 3 Credits
Surveys the history of the North American environment from pre-Columbian times through the 20th century. Topics include Native American uses of the environment; the reshaping of ecosystems under European colonization; U.S. frontier expansion; the ecological impact of industrialization and urbanization; and the rise of the environmental movement.

IND 316 Nature's Business 3 Credits
This interdisciplinary, team-taught, experiential learning course brings together various science, liberal arts, and business perspectives in examining the relationships among biological, social, environmental, economic, geological, and political issues. Topics to be discussed and researched by students can include, but are not limited to, ecotourism, sustainable development, biodiversity, local and regional environmental and historical geology, cultural norms, and the legal and political systems of the country being visited. The study tour component of the course provides students with a first-hand opportunity to observe and record field data from settings outside of the United States and in their discipline of interest. Typically, there are approximately 12 hours of pre-trip lectures, seminars, and/or faculty/student presentations during the fall semester, an international study tour, 9-14 days in length, during January (exact dates and length depend on the international location), and approximately three hours of post-trip meetings, seminars, and student presentations during the spring semester. Students enroll in the course during the spring semester. Note: This course is cross-listed as CBA 316; Students may not get credit for both CBA 316 and IND 316. For Business students who take the course as CBA 316, the course will count as a business course. If taken as IND 316, the Business student will receive credit as a liberal arts and science course.
Prerequisite(s): Permission of Instructor.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 329 Comparative Environmental Policy 3 Credits
Comparative Environmental Policy analyzes cross-national approaches in developing, implementing, and evaluating policy responses to environmental problems. The course analyzes the political factors, actors, and tools that help and explain why some societies have been more likely to develop effective responses to environmental threats.

SOC 225 Population Study 3 Credits
Demography; its definition, historical emergence, and growth; population as a social problem in developing and developed nations; population theories, sources and methods of demographic data, population composition, and distribution; demographic processes including fertility, mortality, and migration.

Environmental Studies

Program Overview

The Bachelor of Arts Degree in Environmental Studies is designed to meet the interests of students wishing to address environmental issues through multiple disciplinary perspectives, including relevant sciences as well as social and political aspects. The program is meant for students who are interested in careers in environmental policy, advocacy, justice, nonprofit organizations, ecotourism, and other related career opportunities; or graduate school in non-science focused environmental disciplines, for example environmental law.

Note: This B.A. program is not designed to prepare students for graduate-level science programs, nor is it designed to enable students to gain employment as professional scientists. Consider the B.S. in Environmental Sciences if you plan to pursue either of these career paths.

Curriculum Overview

The curriculum for this major focuses on the interdisciplinary nature of the environment by offering classes that give students a strong basis of science preparatory material while also offering a unique, hands-on approach to learning. Students take introductory courses in foundational classes in environmental and geology, chemistry, physics, and biology, followed by more in-depth course work focused on the environmental sciences as well as social and political disciplines.

Student Learning Outcomes

Graduates of the Environmental Studies major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in environmental studies.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Environmental Studies

Graduation with honors in Environmental Studies is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the program is by invitation of the department faculty. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degrees Offered

- B.A. in Environmental Studies

Contact

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Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth and Environmental Sciences (p. 195)

- Environmental Sciences (p. 246)
- Geology (p. 290)
- Marine Sciences (p. 380)
- Education (p. 666)

Environmental Studies Major Requirements

(60-61 credits)

Code	Title	Credits
Geological and Marine Sciences (18 credits)		
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	4
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 205	Introduction to Geographic Information Systems	3
ENV 220	Weather and Climate Change	3
GEO 100	Earth Systems Science	3
or GEO 113	Environmental Geology	
GEO 102	Earth Materials and Processes Lab	1
GEMS Upper Level Elective (select one)		**3-4**
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
ENV 340	Environmental Field Methods and Data Analysis	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
Biology		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
BIO 350 & 350L	General Ecology and General Ecology Lab	4
Chemistry		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
Mathematics		**4**
Select one; Also satisfies CLAS core requirement		
MTH 105	Algebra and Trigonometry	
MTH 210	Calculus I	
Physics		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Policy and Humanities (select three)		**9**
HIS 224	American Environmental History	
PHL 215	Environmental Ethics	
POL 328	Environmental Politics	
POL 329	Comparative Environmental Policy	
Policy and Humanities Electives (select two not chosen above)		**6**
AMS 304	Technology and Science in America	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest	
ENG 218	Literature and the Environment	
HIS 224	American Environmental History	
IND 316	Nature's Business	
PHL 215	Environmental Ethics	
POL 215	Global Politics	
POL 328	Environmental Politics	
POL 329	Comparative Environmental Policy	
POL 330	Geopolitics of Energy	
SOC 225	Population Study	
Total Credits		**60-61**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115	Principles of Biology I	4
BIO 115L	Principles of Biology I Lab	0
ENV 100	Introduction to Environmental Sciences	4
ENV 100L	Introduction to Environmental Sciences Lab	0
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 102	Earth Materials and Processes Lab	1
BIO 116	Principles of Biology II	4
BIO 116L	Principles of Biology II Lab	0
Foreign Language [1]		3
Select one of the following:		**3**
GEO 100	Earth Systems Science	
GEO 113	Environmental Geology	
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
ENV 200L	Statistical and Computer Applications in the Natural Sciences Lab	0
HIS 150	World History to 1500	3
Foreign Language		3
	Semester Credit Hours	**14**
Spring Semester		
ENV 220	Weather and Climate Change	3

GEMS Upper Level Elective		3-4
HIS 151	World History Since 1500	3
Social Perspectives		3
Philosophical Perspectives		3
	Semester Credit Hours	**15-16**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
ENV 205	Introduction to Geographic Information Systems	3
Aesthetic Perspectives: Fine Arts		3
Social Perspectives		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**16**
Spring Semester		
Select one of the following:		**4**
GEO 350	Soil and Surficial Processes	
GEO 350L	Soil and Surficial Processes Lab	
GEO 407	Hydrology and Water Resources	
GEO 407L	Hydrology and Water Resources Lab	
Policy and Humanities Course		3
Three Elective Courses [2]		9
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
Policy and Humanities Course		3
Policy and Humanities Elective Course		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
Spring Semester		
Policy and Humanities Courses		6
Two Elective Courses [2]		6
Select one of the following:		**4**
GEO 350	Soil and Surficial Processes	
GEO 350L	Soil and Surficial Processes Lab	
GEO 407	Hydrology and Water Resources	
GEO 407L	Hydrology and Water Resources Lab	
	Semester Credit Hours	**16**
	Total Credit Hours for Graduation	**121-122**

Note: Natural and Physical Science core requirements are included in the major.

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 290 Directed Research and Study in Environmental Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the environmental sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in weekly meetings with the instructor, and communicating the findings by writing a final project report.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 340 Environmental Field Methods and Data Analysis 3 Credits
This course will provide students with practical experience in field methods and data analyses within the environmental sciences. The course will include advanced activities incorporating field-based exercises, GIS analyses, statistical analyses, and database management. Students will also complete an independent project focused on a relevant topic. Local field trips during lab and on weekends may be required.
Prerequisite(s): MTH 105, GEO 100, GEO 102, and ENV 100; or Permission of Instructor.

ENV 480 Senior Thesis 3 Credits
A senior thesis is optional for environmental science majors. However, a senior thesis is required for eligibility to graduate with honors in environmental science. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the geosciences major and permission of instructor.

ENV 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

ENV 491 Internship in Environmental Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that "society exists by geologic consent subject to change without notice" by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 350 General Ecology 4 Credits
An investigation of the processes that regulate the distribution of plants and animals throughout the biosphere. Relationships among species and their interactions with the environment are stressed. Quantitative analyses of experimental results and current research in basic and applied ecology are discussed. Laboratory activities explore conceptual models using both field activities and computer simulations. Three hours of lecture and one three-hour lab per week. One Saturday field trip (laboratory time will be adjusted accordingly). Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350L.

BIO 350L General Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212.
Corequisite(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week.
Corequisite(s): PHY 100.

AMS 304 Technology and Science in America 3 Credits
An overview of the development and impact of technology and science on American institutions. Topics include innovation, economic growth, science and its relation to technology, social theory, and the politics of science.

BHP 259 Honors Seminar: The Environment: a Conflict of Interest 3 Credits
Examines critical environmental issues such as global warming; food, water and energy resources; population trends; and global industrialization. Topics for context will include the origin of the elements, the origin of solar systems, and the origin of life as well as the basic principles of the current biotechnical revolution. Scientific understanding will be combined with knowledge about strategies for raising community awareness in order to (re)formulate public policy. In teams, students will be asked to define the problems; research available and prospective solutions; identify the technical, social, political, and economic constraints; and finally propose a workable strategy for making progress toward solutions.

HIS 224 American Environmental History 3 Credits
Surveys the history of the North American environment from pre-Columbian times through the 20th century. Topics include Native American uses of the environment; the reshaping of ecosystems under European colonization; U.S. frontier expansion; the ecological impact of industrialization and urbanization; and the rise of the environmental movement.

IND 316 Nature's Business 3 Credits
This interdisciplinary, team-taught, experiential learning course brings together various science, liberal arts, and business perspectives in examining the relationships among biological, social, environmental, economic, geological, and political issues. Topics to be discussed and researched by students can include, but are not limited to, ecotourism, sustainable development, biodiversity, local and regional environmental and historical geology, cultural norms, and the legal and political systems of the country being visited. The study tour component of the course provides students with a first-hand opportunity to observe and record field data from settings outside of the United States and in their discipline of interest. Typically, there are approximately 12 hours of pre-trip lectures, seminars, and/or faculty/student presentations during the fall semester, an international study tour, 9-14 days in length, during January (exact dates and length depend on the international location), and approximately three hours of post-trip meetings, seminars, and student presentations during the spring semester. Students enroll in the course during the spring semester. Note: This course is cross-listed as CBA 316; Students may not get credit for both CBA 316 and IND 316. For Business students who take the course as CBA 316, the course will count as a business course. If taken as IND 316, the Business student will receive credit as a liberal arts and science course.
Prerequisite(s): Permission of Instructor.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 329 Comparative Environmental Policy 3 Credits
Comparative Environmental Policy analyzes cross-national approaches in developing, implementing, and evaluating policy responses to environmental problems. The course analyzes the political factors, actors, and tools that help and explain why some societies have been more likely to develop effective responses to environmental threats.

POL 330 Geopolitics of Energy 3 Credits
Geopolitics of Energy Security explores the role of energy in shaping global politics, natural resource management practices and volatility in economic markets. The course begins with an overview of energy security and explores issues associated with energy production, national security, energy consumption, and environmental conservation. Throughout the course students will become familiar with basic data, trends, issues and options in the exploration and production of renewable and non-renewable energy sources.

SOC 225 Population Study 3 Credits
Demography; its definition, historical emergence, and growth; population as a social problem in developing and developed nations; population theories, sources and methods of demographic data, population composition, and distribution; demographic processes including fertility, mortality, and migration.

Ethics

Program Overview

The ethics minor not only helps prepare students for a variety of graduate programs such as law, medicine, and business, but also helps students explore important questions such as how ethics should interpret war, business practice and poverty.

Minor Offered

- Minor in ethics

Contact

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Program Website: Ethics (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/ethics-minor/)

Associated Department: Department of History and Philosophy

Related programs

- Criminal Justice (p. 132)
- English (p. 227)
- Gender and Sexuality Studies (p. 284)
- History (p. 323)
- Journalism (p. 346)
- Multicultural Studies (p. 403)
- Political Science (p. 449)

Ethics Minor Requirements

(18 credits)

Code	Title	Credits
Required Courses:		
PHL 115	Ethics	3
PHL 360	Contemporary Ethics	3
One 400-level philosophy (PHL) seminar course		3
Elective Courses:		**9**
Three philosophy electives with at least one at the 300-level or above		
Total Credits		**18**

Courses and Descriptions

PHL 100 Plato and Aristotle 3 Credits
The beginnings of Western scientific and humanistic thought among the early Greeks and their progress into the two great systems of Plato and Aristotle. Selections from Plato and Aristotle are read and discussed to determine the meaning and significance of philosophical ideas that have subsequently influenced the whole history of Western civilization. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 102 Philosophical Thinking 3 Credits
An introduction to philosophical thought with an emphasis on the enduring questions and problems of philosophy. We will explore such questions as: how do I know I am not dreaming? Is there an external world? What is truth? Is there a self? Is there a God? What is the relationship between the mind and the body? How can I tell right from wrong? What makes government legitimate? What is justice? What is the meaning of life? We will consider answers to these questions from diverse philosophical traditions, reading such philosophers as Plato, Descartes, Zhuangzi, Hume, Vasubandhu, Berkeley, Aquinas, Avicenna, Udayana, Kant, Mill, Russell, Camus, and Nishitani. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 110 Logic and Language 3 Credits
A study of the logical structure of argumentation in ordinary language, with an emphasis on the relation of logic to the uses of language in practical affairs. Traditional informal fallacies are studied as well. Discussions explore the nature of validity, truth, meaning, and evidence in relation to the evaluation of arguments. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 115 Ethics 3 Credits
A combined historical and systematic analysis of the problems of ethics. Such problems as the nature and meaning of moral values and judgments, moral responsibility and freedom, conscience and happiness, the good life, and the relativity of value, are explored through the writings of such philosophers as Plato, Aristotle, Aquinas, Kant, Mill, and Nietzsche. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 120 American Philosophy 3 Credits
The development of philosophical thought in the United States from the colonial era to the 20th century. Studies such thinkers as Edwards, Jefferson, Emerson, Thoreau, Peirce, James, Dewey, and King, and their ideas on human nature, free will, religion, morality, and politics. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 125 Philosophies of Education 3 Credits
Studies classical and contemporary theories of the nature, structure, and aims of education, including major works of such philosophers as Plato, Rousseau, and Dewey. The course will also introduce students to methods of critical philosophical analysis. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 130 Political Philosophy 3 Credits
An introduction to the problems of political philosophy with an emphasis on recent and contemporary issues, such as the conflict between liberal and conservative ideologies, fascism, revolution, civil disobedience, and the concept of legitimate political authority. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 202 Social Philosophy 3 Credits
Emphasizes social ethics through critical studies of such contemporary problems as abortion, euthanasia, the death penalty, pornography and censorship, animal rights, drug use, sexual morality, environmental ethics, and world hunger. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 203 Business Ethics 3 Credits
Surveys and examines ethical problems concerning the institutions and practices of contemporary business. Problems considered include: the conflicts of economic freedom and social responsibility; the relation of profits to work and alienation; the responsibilities of business to employees, minorities, consumers and the environment; the role of truthfulness in business practices; and the ethics of self-fulfillment and career ambitions. Readings selected from works of contemporary and historical philosophers, social theorists, and business people.

PHL 207 Asian Philosophy 3 Credits
A survey of the principal philosophical perspectives of Asia. Emphasis on the traditional Indian schools of Hinduism, Jainism, and Buddhism, Chinese Confucianism and Taoism, and the development of Zen Buddhism in China and Japan. Philosophical topics include: mystical experience, the ultimate nature of reality, the existence of a soul, the causes of human suffering, and the possibility of release, the nature of virtue and its development, and the nature of society and government. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 210 Symbolic Logic 3 Credits
An introduction to logic from the standpoint of modern symbolic methods, including techniques of formal deductive proof, quantification, the logic of relations, and properties of formal deductive systems. Discussions focus on philosophical issues in recent and contemporary logical theory. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 225 Modern Philosophy 3 Credits
Examines one of the most exciting periods in the history of philosophy during which philosophers from Descartes to Kant tried to come to terms with the following questions: What is knowledge? Can we know the physical world exists? Can we have scientific knowledge? Can we know God exists? Can we even know whether we exist? The works of Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume and Kant are read and discussed. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PHL 304 Medical Ethics 3 Credits
Introduces the student to ethical problems associated with the practice of medicine, the pursuit of biomedical research, and health care social policy. The course will explore such issues as: Is a physician morally obligated to tell a terminally ill patient that he or she is dying? Is society ever justified in enacting laws that would commit an individual, against his or her will, to a mental institution? Does society have a moral obligation to ensure that all its members have access to health care? To what extent, if at all, is it ethically acceptable to clone a human being? Under what conditions is human experimentation ethically acceptable?
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 310 Problems in 20th-Century Philosophy 3 Credits
Consideration of major philosophical movements in the 20th century such as phenomenology, existentialism, pragmatism, and analytic philosophy. Within these movements such topics as the function of analysis, language and meaning, the nature of values, the nature of persons, the synthetic-analytic distinction, the mind-body problem, and the possibility of metaphysics are considered. The work of such figures as Wittgenstein, Russell, Heidegger, Husserl, Sartre, Whitehead, and Dewey are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 315 Existentialism 3 Credits
Historical development and contemporary problems of existentialism with emphasis on the nature of man, his ability to know his situation, the relation between existence and essence, and the meaning of human life and activity. The works of such figures as Kierkegaard, Sartre, Heidegger, Camus, Kafka, Beckett, Buber, Laing, and Frankl are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 320 Philosophy of Science 3 Credits
The logic of fundamental concepts of science and scientific methods are studied. Patterns of explanation are examined to understand the functions of laws, theories, and predictions in science. Inquiry is made into the relation between mathematics and empirical science; similarities and distinctions between the natural and social sciences. The role of science in human affairs and the value of scientific knowledge.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 334 Theories of Knowledge 3 Credits
An investigation of selected, representative theories of knowledge from classical and contemporary sources. Considers the analytic-synthetic distinctions, necessary truth, and the foundations of empirical knowledge. Such philosophers as Leibniz, Hume, Kant, Russell, and Quine are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 336 Philosophy of Mind 3 Credits
An investigation of the nature, existence, and capacities of the mind and self in the light of recent philosophical and psychological theories, including psychoanalysis and behaviorism. Considers such topics as the interaction of mind and body, the unconscious, minds and machines, freedom of thought and action.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 343 Theories of Reality 3 Credits
An examination of metaphysical problems with an emphasis on philosophical views of human nature from ancient Greece to contemporary evolutionary theories. The writings of such classical, modern, and contemporary figures as Plato, Aristotle, Descartes, Kant, Hegel, and Darwin are read and discussed. Issues studied include the relation between mind and matter, freedom and determinism, and the existence of God.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 348 Indian Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of India. Emphasis on the disputes between the traditional Hindu and Buddhist schools of the classical period over logic, knowledge, and reality. Philosophical topics include: skepticism, the problem of universals, realism and idealism, the nature of perception, the problem of induction, the nature of causality, and the problem of identity over time. Philosophers such as Nagarjuna, Vasubandhu, Vatsyayana, Dharmakirti, and Udayana will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 358 Chinese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of China. Emphasis on the political philosophies of ancient China. Topics include: human nature and the development of virtue, the nature and purpose of government, and the cognitive value of mystical experience. Philosophers such as Confucius, Laozi, Xunzi, Mencius, Mozi, and Zhuangzi will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 360 Contemporary Ethics 3 Credits
An examination of recent and contemporary challenges to traditional ethical theory including such movements as logical positivism, cultural relativism, feminism, environmentalism, multiculturalism, and postmodernism. Such problems as the meaning and cognitive status of value judgments, the relation between fact and value, the relativity of values, and how value judgments can be justified are considered.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 368 Japanese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of Japan, with an emphasis on Zen Buddhism in Medieval Japan and the Kyoto school in the 20th century. Topics include: the use of meditation and koans in Zen practice, the relationship between practice and enlightenment, the nature of time, meaning and nihility, and the relationship between science and religion. Philosophers such as Kukai, Mumon, Dogen, and Nishitani will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 402 Nietzsche and Nihilism 3 Credits
A seminar dealing with Nietzsche's provocative ideas on Nihilism and the possibility of creating meaning, value, and truth for human existence. Many of his important works are read, analyzed, and critically discussed. Recent scholarly interpretations of Nietzsche's philosophy are considered.
Prerequisite(s): any previous philosophy course or permission of instructor.

PHL 408 The Philosophy of William James 3 Credits
Seminar involving a concentrated study of William James' contributions to philosophy with special attention to his pragmatism, pluralism, and radical empiricism. Many of James' philosophical works are read, analyzed, and critically discussed. Recent scholarly interpretations of James' philosophy are considered.

PHL 418 Great Buddhist Thinkers 3 Credits
Concentrated study of a single Buddhist philosopher, emphasizing the systematic views of that philosopher across a range of philosophical issues. Through an examination of primary sources in translation and recent scholarship, students will investigate the views and arguments of one important figure from the Buddhist philosophical tradition on a variety of philosophical problems regarding knowledge, existence, consciousness, religion, and ethics.

PHL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

Event Planning and Production

Program Overview

Event planning and production is an interdisciplinary minor that combines the study of communication, marketing and management. With the rapid growth of non-profit, educational, corporate, recreational, and entertainment events, this minor provides both theoretical and practical training in event planning and management.

The curriculum emphasizes public relations and effective writing, various strategic approaches to business management, and the corporation-consumer relationship. The minor has a strong applied component and approved internship experiences are recommended for all students.

Degree Offered

- Minor in Event Planning and Production

Contact

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Program website: Event Planning (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/event-planning-minor/)

Associated Department: Department of Communication, Journalism, and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Public Relations (p. 482)
- Sports Media (p. 538)
- Communication Studies (p. 114)
- Radio and Podcasting (p. 493)
- Social Media Strategies (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/social-media-strategies-minor/)
- Arts & Entertainment Industries Management (p. 39)
- Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/marketing/)
- Business Administration (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/business-administration/)

Event Planning and Production Minor Requirements

(21 Credits)

Communication and Journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.

Exception: If a student elects either the Advertising or Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.

Code	Title	Credits
COM 107	Writing for the Media	3
COM 240	Public Relations	3
COM 280	Issues in Event Planning	3
COM 341	Public Relations Writing and Strategy	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
MKT 260	Service Marketing	3
Additional recommended courses:		
CBA 110	Business in Action	
COM 105	Communication, Culture and Media	
COM 203	Introduction to Social Media	
COM 212	Digital Publication Design	
COM 261	Introduction to Web Design	
MGT 310	Intro to Human Resource Mgmt	
COM 440	Cases & Campaigns in Public Relations	
MKT 320	Consumer Behavior	
PSY 100	Introduction to Psychology	
Total Credits		**21**

Courses and Descriptions

CBA 110 Business in Action 3 Credits
This course will provide students with the opportunity to develop a foundational understanding of the business environment and various business functions. Students will be introduced to core concepts in accounting, e-business, finance, human resource management, information technology, macroeconomics, management, marketing, and production and operations management. In addition, the student will have ample opportunity to improve his/her communication and teamwork skills, as well as further develop problem-solving, analytical, and decision-making abilities through a Business in Action project.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MKT 320 Consumer Behavior 3 Credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior.
Prerequisite(s): MKT 200.

MKT 260 Service Marketing 3 Credits
Focuses on the unique challenges of managing services and delivering quality service to customers. Emphasis is placed on the total organization, and how effective marketing and customer focus must be coordinated across multiple functions. The course is applicable to service organizations and to organizations that depend on service excellence for competitive advantage. Topics include customer-focused management, and customer satisfaction, retention, lifetime value and profitability. Students will learn to map services, understand customer expectations, and develop relationship marketing strategies.
Prerequisite(s): MKT 200.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

Exercise Science

Program Overview

This program prepares students for both entry level positions in health, fitness, and exercise science and as pre-professional training for a variety of healthcare related programs (i.e., athletic training, physical therapy, occupational therapy). Graduates of this program will be prepared to assess, design, and implement individual and group exercise and fitness programs for both healthy individuals and those with controlled disease. In addition to knowledge and skills associated with physiology, exercise science professionals also must be knowledgeable and skilled in evaluating health behaviors and behavior modification and motivation techniques necessary to promote and maintain positive lifestyle behaviors. Rider achieves this through small class and laboratory sizes allowing direct, hands-on instruction, and faculty accessibility. Students also have opportunities to do research with faculty via work study or independent study. Each student is assigned a faculty advisor who provides academic advice and career guidance tailored to the student's needs. Students completing this program will have the knowledge, skills, and abilities necessary for entry-level exercise science employment in the public and private industries and/or graduate study in related areas.

Students may be eligible for a number of nationally recognized certifications in the field (i.e., American College of Sports Medicine Certification (https://www.acsm.org/get-stay-certified/get-certified/), National Strength and Conditioning Association, (https://www.nsca.com/certification/certification-overview/) National Academy of Sports Medicine (http://www.nasm.org/)) and may pursue employment in various healthcare and/or public health settings in and around exercise and healthy lifestyle interventions. Students will also be able to use their degree as a platform for a wide range of graduate degree programming including, but not limited to: physical therapy, exercise physiology, physician's assistant, occupational therapy, nutrition, strength and conditioning, and public health.

Curriculum Overview

The curriculum is designed to allow flexibility to customize the program by selecting courses in both foundational and core content areas based on the individual's personal and professional goals. Rider's science

faculty are research-oriented and encourage students to take advantage of opportunities to engage in independent research. Two concentrations are identified, each with a selected set of courses which prepare students for their intended career path: Four career paths are identified, each with a selected set of courses which best meets that program:

- Practitioner Concentration: designed for those wanting to pursue careers as fitness professionals, corporate health and wellness specialists, and strength and conditioning professionals.
- Pre-Professional Concentration: designed for students wanting to pursue additional training in Physical Therapy, Athletic Training, Occupational Therapy, or other healthcare related programs. Students should consult with their faculty advisor regarding the requirements for each career path option.

Student Learning Outcomes

After completing this program, graduates will be able to:

1. Demonstrate knowledge in foundational concepts of exercise science
2. Demonstrate competency in the following domains for both healthy and clinical populations: pre-participation risk stratification, fitness assessment and evaluation, evidence based exercise prescription, and safe/appropriate exercise technique.
3. Articulate the importance of interprofessional collaboration in the delivery of evidence based exercise programming in contemporary health care.
4. Communicate effectively in both the written and spoken word, commensurate with expectations in the field.
5. Act within the ethical and legal parameters of Exercise Science.

Degree Offered:

- B.S. in Exercise Science

Contact

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Program Website: Exercise Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/exercise-science/)

Associated Department: Health Sciences & Nursing

Related programs:

- Behavioral Neuroscience (p. 49)
- Biology (p. 83)
- Chemistry (p. 104)
- Health Sciences (p. 319)
- Physics (p. 445)

Exercise Sciences Program Requirements

(61 - 72 credits, depending upon your selected career path)

Code	Title	Credits
Exercise Science Foundation (40-43 credits)		
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
HSC 100	Intro to Human Nutrition	3
EXS 115 & 115L	Introduction to the Science of Exercise and Introduction to the Science of Exercise Lab	4
EXS 121	Exercise Injury Control and Management	3
HSC 105	Introduction to Health Professions	1
HSC 302 & 302L	Kinesiology and Kinesiology Lab	4
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	4
PSY 100	Introduction to Psychology [3]	3
or PSY 110	Psychology:The Science of Well-being	
PSY 283	Sport Psychology	3
or PSY 345	Health Psychology	
MTH 105	Algebra and Trigonometry (or a higher level MTH course)	4
Statistics (3-6 credits)		
Select one of the following:		
BNS 250 & 250L	Biostatistics and Biostatistics Lab	
PSY 201	Statistics and Research Design (requires PSY 105 as a prerequisite)	
MTH 120	Introduction to Applied Statistics	
ENV 200	Statistical and Computer Applications in the Natural Sciences	
Practitioner Concentration EXS Professional (27-29 credits)		
(strength and conditioning, corporate fitness, wellness, personal training, exercise professional)		
CHE 110 & 110L	Survey of General Chemistry and Survey of Gen Chemistry Lab	4
HSC 201	Nutrition for Exercise and Physical Activity	3
EXS 291	Exercise Science Practicum 1	1
EXS 340 & EXS 341	Exercise Testing & Prescription and Exercise Testing & Prescription - Lab	4
EXS 360 & 360L	Foundations of Strength and Conditioning and Foundations of Strength and Conditioning Lab	4
EXS 391	Exercise Science Practicum 2	2
EXS 401	Organization and Administration in Exercise Science	3
EXS 405	Special Populations & Considerations	3
EXS 491	Internship in Exercise Science	3-4
Pre-Professional Concentration (Pre PT, AT, OT, PA)(40-44 credits)		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab (Core Requirements)	4
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
HSC 201	Nutrition for Exercise and Physical Activity	3-4
or CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	

EXS 405	Special Populations & Considerations	3-4
or BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
EXS 401	Organization and Administration in Exercise Science	3-4
or BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
EXS 340 & EXS 341	Exercise Testing & Prescription and Exercise Testing & Prescription - Lab	4
or EXS 360 & 360L	Foundations of Strength and Conditioning and Foundations of Strength and Conditioning Lab	
Complete one of the following Physics course sequences:		**8**
A.		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
OR B.		
PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 201 & 201L	General Physics II and General Physics II Lab	
Complete one of the following Chemistry course sequences:		**8**
A.		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab [1]	
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab [1]	
OR B.		
CHE 110 & 110L	Survey of General Chemistry and Survey of Gen Chemistry Lab	
CHE 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Lab	
EXS 490	Independent Study: Research and Creative Expression	3-4
or EXS 491	Internship in Exercise Science	
Total Credits: Foundation and Practitioner Concentration		**67-71**
Total Credits: Foundation and Pre-Professional Concentration		**80-87**

Note: CAS General Education Scientific Perspective and Mathematical Reasoning requirements will be fulfilled within this major.

1

If Organic Chemistry is required as prerequisite, students should complete CHE 120 & CHE 121. If Organic Chemistry is not required as a prerequisite, students should complete CHE 110 & CHE 110L.

2.

PSY 110 may also be used to satisfy the CAS Social Perspectives core requirement.

Department of Biology, Behavioral Neuroscience, and Health Sciences Course Repeat Policy

The following guidelines apply to courses offered by the Department of Biology, Behavioral Neuroscience, and Health Sciences. Students may repeat any biology (BIO), behavioral neuroscience (BNS), health sciences (HSC) or exercise science (EXS) course **once** without special permission unless they received an unsatisfactory grade (C-, D, F). With an unsatisfactory grade, students need permission from the dean's office to repeat a class. They can not register on their own on myRider. Students should email casdean@rider.edu and the department chair to request permission to repeat a course. A course will be considered repeated if the student has previously earned a letter grade in the course, or if the student has previously withdrawn from the course after the Friday of the seventh week of classes (previously Withdrawal II or Withdrawal III). To take a biology, behavioral neuroscience, health science, or exercise science course for a third time, written permission must be obtained from the dean's office and the department chair before the registrar will allow the student to enroll in that course.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
MTH 105	Algebra and Trigonometry [1]	4
PSY 100	Introduction to Psychology	3
	Semester Credit Hours	**14**
Spring Semester		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CMP 125	Seminar in Writing and Research	3
EXS 121	Exercise Injury Control and Management	3
HSC 105	Introduction to Health Professions	1
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
BIO 221 & BIO 222L	Human Anatomy & Physiology I and Human Anatomy & Phys II Lab	4
HIS 150	World History to 1500	3
HSC 201	Course HSC 201 Not Found	3
PSY 283 or PSY 345	Sport Psychology or Health Psychology	3
Foreign Language [1]		3
	Semester Credit Hours	**16**
Spring Semester		
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
HSC 100	Course HSC 100 Not Found	3
HSC 302 & 302L	Kinesiology and Course HSC 302L Not Found	4

HIS 151	World History Since 1500	3
Foreign Language		3
	Semester Credit Hours	**17**
Year 3		
Fall Semester		
Statistics Course		3-4
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	4
HSC 201	Course HSC 201 Not Found	3
Social Perspectives II		3
	Semester Credit Hours	**13-14**
Spring Semester		
EXS 340 & EXS 341	Exercise Testing & Prescription and Exercise Testing & Prescription - Lab	4
EXS 360	Foundations of Strength and Conditioning	4
Aesthetic Perspectives General Education Credits		3
Philosophical Perspectives General Education Credits		3
Elective Credits		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
Independent Study or Internship in EXS		3
Research Design Option		3
EXS 405	Special Populations & Considerations	3
Aesthetic Perspectives General Education Credits		3
Elective Credits		3
	Semester Credit Hours	**15**
Spring Semester		
Capstone Seminar or Certification Exam Prep(ACSM, CEP, NSCA, CSCS)		3-4
EXS 401	Organization and Administration in Exercise Science	3
Global Perspectives General Education Credits		3
Elective Credits		3
	Semester Credit Hours	**12-13**
	Total Credit Hours for Graduation	**119-121**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

Courses and Descriptions

BCH 225 Introduction to Organic and Biochemistry 4 Credits
An introductory course describing the basic principles of organic chemistry and biochemistry as they relate to human metabolism and disease. The nature of the chemical structure and reactivity of organic functional groups such as alcohols, aldehydes, ketones, carboxylic acids and amines will be presented with biological processes in mind. The biochemistry of the macromolecules DNA, RNA, proteins, carbohydrates and lipids will be discussed leading to a discussion of some of the more important metabolic pathways. This course is intended for science majors who do not take the full two semester sequence of organic chemistry and two semesters of biochemistry and desire a background in biochemistry. Non-science major students who have had one semester of general chemistry and one semester of biology may also enroll in the course. Three hours of lecture and one three-hour lab per week. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115 with a minimum grade of D
Corequisite(s): BCH 225L.

BCH 225L Introduction to Organic & Biochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115.
Corequisite(s): BCH 225.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

BNS 250 Biostatistics 4 Credits
This course will assist students with acquiring the skills necessary to design, conduct, and interpret research studies. Emphasis will be on learning how to develop experimental designs to translate theoretical concepts into testable hypotheses. Experiments conducted during laboratory sessions will use laboratory mice and will use equipment for measuring animal behavior. Students will gain experience collecting, analyzing, writing and orally presenting their research results. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 105 or higher or placement into MTH 210, grade of "C" or better in one lab science course.
Corequisite(s): BNS 250L.

BNS 250L Biostatistics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequiste(s): BNS 250.

CHE 110 Survey of General Chemistry 4 Credits
A one-semester survey of basic general chemical principles designed to be applied to questions in health-related fields. Students will explore the fundamental structures of atoms and simple compounds that comprise living beings; basic patterns in chemical reactivity, especially oxidation-reduction and acid-base reactions; quantitative analyses of biologically-relevant compounds and chemical reactions; properties of substances; and kinetic and thermodynamic principles underlying such chemicals and chemical processes. In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts. No prerequisites. Students who have completed CHE 120 and/or CHE 122 will not be permitted to enroll in CHE110/110L. Furthermore CHE 110 will not serve as a prerequisite for CHE 122.

CHE 110L Survey of Gen Chemistry Lab 0 Credits
In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

EXS 121 Exercise Injury Control and Management 3 Credits
This course is designed to provide the participant with entry level knowledge, competence, and skill in the care and prevention of injuries sustained during physical activity, sport, and exercise. This course includes units dealing with basic anatomy of common injuries, evaluation techniques, preventive measures to reduce the incidences of injuries and a knowledge of basic treatment procedures to be used after injuries occur. Legal and ethical issues will also be discussed.

EXS 320 Exercise Physiology 3 Credits
An entry level exploration of the physiological processes, metabolic requirements, and consequences of exercise in humans. Emphasis is placed on bioenergetics, as well as circulatory, respiratory, and neuromuscular responses to the physical stress of exercise performed for health and disease prevention.
Prerequisite(s): BIO 221, BIO 222.

EXS 321 Exercise Physiology Laboratory 1 Credits
EXS 321 is the laboratory course that accompanies EXS 320. Topics will include entry-level practical skills and competencies related to exercise capacity evaluation, interpretation of exercise data, and application of exercise interventions in a clinical setting. Prerequisite(s): BIO 221, 222 Co-requisite(s): EXS 320.

EXS 340 Exercise Testing & Prescription 3 Credits
An advanced, competency based course in the evidence based evaluation and prescription of exercise interventions in healthy and clinical populations. Prerequisite(s): EXS 320 Co-requisite(s): EXS 341.

EXS 341 Exercise Testing & Prescription - Lab 1 Credits
An advance, competency based laboratory course in the evidence based evaluation and prescription of exercise interventions in healthy and clinical populations Prerequisite(s): EXS 320 Co-requisite(s): EXS 340.

EXS 360 Foundations of Strength and Conditioning 4 Credits
This course examines the advanced methods and techniques associated with the design of strength and conditioning programs to enhance human performance in sport and fitness. This course is designed to develop, enhance, and apply knowledge and skills to prepare the student for the profession of strength and conditioning. Prerequisite(s): EXS 320, EXS 321, HSC 302.
Corequisite(s): EXS 360L.

EXS 401 Organization and Administration in Exercise Science 3 Credits
This course examines the various issues, policies, and procedures involved with administrative aspects of exercise science in traditional and non-traditional settings. Emphasis is on administrative concepts, facility design, budgeting and equipment purchasing, personnel management, record keeping, and legal liability.
Prerequisite(s): EXS 360.

EXS 405 Special Populations & Considerations 3 Credits
This course is an advanced course in exercise programming for a variety of unique populations. Pathophysiology and considerations relative to diseases of the musculoskeletal, neuromuscular, and immunologic systems will be discussed. Recommended modifications and evidence based techniques that support fitness programming for individuals with specific exercise needs will be explored.
Prerequisite(s): EXS 320.

HSC 100 Course HSC 100 Not Found Credits

HSC 105 Introduction to Health Professions 1 Credits
Course Description: This course will provide a basic overview of the health science professions including but not limited to: athletic training, clinical exercise physiology & cardiac rehabilitation, chiropractic, physician assistant, occupational therapy, nursing, community health education specialist, and physical therapy. The course will also cover the professional activities (i.e. professional organizations, certifications, professional issues, and professional liabilities) that are related to these professional applications.

HSC 200 Environmental Health & Human Health 3 Credits
The health of any individual is a function of both our genetics and environmental factors. Environmental factors most broadly defined include the air we breathe, the water we drink and the food we eat. This course will focus on numerous examples of how bacteria, viruses, and exposure to environmental chemicals result in human diseases. Examples range from failures in public health infrastructure (cholera, diphtheria, river blindness, etc), failures to vaccinate (polio, measles, hepatitis, etc) and chemical exposures (birth defects, cancer, etc). There is also much known about how diet and nutrition can prevent diseases.
Prerequisite(s): BIO 10X Life Science course or any biology laboratory course or BIO 115 or 116 or 117.

HSC 201 Course HSC 201 Not Found Credits

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI.
Corequisite: HSC 303.

HSC 302L Course HSC 302L Not Found Credits

MTH 105 Algebra and Trigonometry 4 Credits
The course is an in depth and rigorous study of functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses, trigonometric identities.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

MTH 120 Introduction to Applied Statistics 3 Credits
Collection and presentation of data. Measures of location and variation, sampling theory, hypothesis testing, confidence intervals, t-tests, chi-square tests, regression, and correlation. Emphasizes practical applications. Not open to business administration, chemistry, environmental, geosciences, marine sciences, math or liberal studies: marine ecological or environmental emphasis majors.
Prerequisite(s): MTH 102 or MTH 105.

PHY 101 Principles of Physics II 3 Credits
Continuation of Physics 100. Electrostatics, electricity, and magnetism; DC and AC circuits, physical and geometrical optics, introduction to elementary particle and quantum physics. Three hours of lecture per week. Prerequisite(s): PHY 100.
Corequisite(s): PHY 101L.

PHY 101L Principles of Physics II Lab 1 Credits
For students concurrently taking Physics 101. One three-hour lab per week.
Corequisite(s): PHY 101.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

PHY 201L General Physics II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 201.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of "C" in PSY 105.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

Film and Media Studies

Program Overview

The film and media studies minor approaches film and media from interdisciplinary humanities and cultural studies perspectives, providing students with a comprehensive and nuanced understanding of media within their experience and the world. Students majoring in Film and Television are encouraged to minor in Film and Media Studies.

Degree Offered

- Minor in Film and Media Studies

Contact

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Associated Department: Department of Media Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/)

Related Programs

- Elementary Education (http://catalog.rider.edu/undergraduate/colleges-schools/education/majors-minors-certificates/elementary-education-ba/)
- English (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/english/)
- Film & Television (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/majors-minors-certificates/film-and-television/)
- Journalism (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/journalism/)
- Philosophy (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/philosophy/)
- Psychology (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/psychology/)

Film and Media Studies Minor Requirements

The required Foundation Course, FMS 284 (http://catalog.rider.edu/search/?P=FMS%20284)/ENG 284 (http://catalog.rider.edu/search/?P=ENG%20284), should be taken early in the program

Students must complete a minimum of five (5) of the seven (7) Film and Media Studies Program courses uniquely counted toward the 21-credit minor. In other words, no more than two (2) courses counting toward the 21-credit FMS minor can be used toward major or minor requirements in other areas, whether in English, Communication, Law and Justice, Languages, Literatures and Cultures, etc.

Code	Title	Credits
Select at least one course from each group, but no more than two from Technical Aspects. You must select a minimum of four FMS-designated courses from among those listed in groups II, III, and IV, making a total of five FMS courses.		
I. Foundation Course (required)		
FMS 284	Language of Film Analysis	
or ENG 284	Language of Film Analysis	
II. Film Theory and Aesthetics Courses (select at least one)		
FMS 260	Great Performances in Film	
FMS 300	Special Topics in Film and Media Studies [1]	
FMS 342	Artists of the Cinema	
FMS 381/ENG 381	Studies in Film Genre	
FMS 382/ENG 382	Comparative Film Directors	
FMS 384/ENG 384	Film Adaptation	
FMS 484/ENG 484	Seminar in Cinema Studies	
AMS 214	Special Topics in American Studies	
AMS 215	Alfred Hitchcock in America	
MUS 309	Film Music	
MUS 310	The Film Music of Stanley Kubrick	
III. Film History, Media, and Culture Courses (select at least one)		
FMS 250/ENG 281	Global Film History: Origins to 1960	
FMS 251/ENG 282	Global Film History: 1961 to Present	
FMS 252/ENG 285	American Film History: Origins to 1960	
FMS 253/ENG 286	American Film History: 1961 to Present	
FMS 383/ENG 383	Global Cinemas	
FTV 291	Documentary Film and Video	
FTV 328	Sitcoms and American Culture	
FRE 422	Cultural Expression in French Film and Television [2]	
GLS 310	Ethnographic Film	
LAW 395	Selected Topics in Law/Justice	
LIT 322	German Literature & Film in English Translation	
POL 306	American Political Film	
PSY 375	Psychology and Film	
SOC 204	Law, Literature, and Film in America	
SOC 252	Media, Culture and Society	
SOC 302	Crime & Justice in the Media	
SPA 412	Theater and Film of the Hispanic World [3]	
SPA 426	Latin American/Latino Film and Fiction [3]	
IV. Technical Aspects Courses (select at least one)		
COM 234	Audio Production	
FMS 286	Writing Short Screenplays for Digital Cinema	
FTV 135	Filmmaking I	
FTV 231	Film and Television Workshop [4]	
FTV 235	Filmmaking II	
FTV 295	Cinematography I	
ENG 312	Creative Writing: Screenwriting	
THE 300	Acting for the Camera	
Total Credits		**0**

1 Depending on the topic, this course may count as a Group II, III, or IV course; to be determined as courses are offered.

2 Prerequisite: FRE 201, placement test at 300 level or above, or FRE 300 or above.

3 Prerequisite: SPA 201, placement test at 300 level or above, SPA 300 or above.

4 FTV 231 Film and Television Special Studies courses are one credit each. Students must take three to fulfill the FMS Technical Aspects requirement.

Notes

- **Junior and Senior Film and Media Studies minors may also take:**

  FMS 490 Independent Research and Study
  FMS 491 Internship in Film and Media Study

- FMS 490 and FMS 491 will fulfill requirements in the category designated as appropriate by the program director; both courses require permission of the director.
- Students minoring in Film and Media Studies are encouraged to consider majoring in Filmmaking (p. 912), Film and Television (p. 904), Radio and Podcasting (p. 493), or in English with a concentration in Cinema Studies (p. 227).

Courses and Descriptions

FMS 250 Global Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From silent comedy and melodrama to German Expressionism and Soviet activist cinema; from French poetic realism and Italian Neo-realism to Hollywood sound cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. FMS 250 is cross-listed with ENG 281 and fulfills the general education global perspectives requirement.

FMS 251 Global Film History: 1961 to Present 3 Credits
Examines major technological, industrial, and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From the decline of the studio system and the emergence of the "New Hollywood" to the digital revolution; from the renaissance in Western and Eastern European cinemas to Latin American, Asian, and Middle Eastern cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. FMS 251 is cross-listed with ENG 282 and fulfills the general education global perspectives requirement.

FMS 252 American Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in American cinema as it grew from the days of one-reel silent shorts exhibited in storefront theaters through the days of studio productions exhibited in lavish picture palaces and featuring iconic stars the system manufactured and promoted. From the inception of sound and color, to the later development of lightweight equipment that freed filmmakers from the confines of the studio, from the "golden age" to the gradual decline of the Hollywood studio system in the 1950s, we will study the lasting genres that grew out of the system, the filmmakers who flourished and those who rebelled against the system, and the ground-breaking films that established the American film industry as a dominant force within the world. FMS 252 is cross-listed with ENG 285.

FMS 253 American Film History: 1961 to Present 3 Credits
Examines the transitions of Hollywood in the post-studio era— the rise of the 1960s-1970s New Hollywood and its ground-breaking films, the rise of the blockbuster as an industry standard; the responses of independent filmmakers and the avant-garde to blockbuster dominance; the transition from the Production Code to the ratings system, the move back to studio-owned theaters, and the emergence of digital cinema and CGI. We will look at how genres are being redefined, how major filmmakers are re-shaping their work to fit 21st century demands, how "gaming," YouTube, and other media sources are altering the very definition of cinema. FMS 253 is cross-listed with ENG 286.

FMS 260 Great Performances in Film 3 Credits
Examines major accomplishments in film acting from the silent era to the present day. Students will acquire knowledge of the historical and critical contexts and the artistic vocabulary necessary to understanding, appreciating and assessing screen performances in a range of genres— from comedy and the musical, to the melodrama, psychological thriller, and "hard-boiled" film noir. Students will be asked to read, evaluate, and analyze film performance texts, as well as to research and write about performances in numerous films.

FMS 284 Language of Film Analysis 3 Credits
Provides students with the fundamentals necessary for achieving beginning proficiency in methods of cinema studies scholarship. The course provides an in-depth introduction to concepts of film analysis, theory, and history, as well as to the field of cinema studies as an academic discipline. Through close analysis of selected films and readings, students will examine the various and complex ways in which formal elements shape meaning. Students also will study key concepts in film theory, applying these concepts as a further means of understanding the ways in which film positions viewers and mediates ideology. Required of all Film and Media Studies minors. FMS 284 is cross-listed with ENG 284.

FMS 286 Writing Short Screenplays for Digital Cinema 3 Credits
Writing Short Screenplays for Digital Cinema will focus solely on the creation of a short screenplay for digital film. The course will ask that students conceive of and execute a viably producible screenplay, shooting script, and industry pitch for the modern market.

FMS 300 Special Topics in Film and Media Studies 3 Credits
Courses in specialized and interdisciplinary areas of Film and Media Studies explore all three phases of the media experience: the industry that produces, distributes and exhibits; the textual products themselves; and audience reception of these products. FMS 300 Special Topics in Film and Media Studies courses will focus on each of the phases individually and/or on intersections of all three phases. Special topics courses will devote attention to the relationship of film to both traditional as well as new media; the relationship of film to the other arts; the relationship of film to the ancillary products and industries it both creates and depends upon for financial profit; and the relationship of film as an industry and institution to the various cultural institutions film and media texts routinely represent.

FMS 340 Film and Media Audiences 3 Credits
Provides students with the fundamentals necessary for understanding media audiences and reception within the interdisciplinary framework of film and media studies. The course introduces students to the field of audience and reception studies, including theory, empirical scholarship and history. Students will learn about who composed audiences, how they behaved, how they responded to the medium and the texts it delivered, how they interpreted what it meant to be an audience, how audiences were defined and treated by others, both today and historically. This will include audiences of movies, radio, television and news media.

FMS 342 Artists of the Cinema 3 Credits
Provides the opportunity to delve into the work of an individual film artist (whether a director, producer, screenwriter, cinematographer, costume designer, art director, musical composer, actor) or to examine a creative team (various combinations of a director, actor, cinematographer, screenwriter) that has collaborated in producing a series of films together. The course will pose the daunting question: Who is the author of the film? Even when studying individual artists, we will explore the influences and the working relationships that have shaped their work, and we will look outward to the way in which they have influenced other artists of their own generation and beyond.

FMS 380 Women in Film 3 Credits
Examines the work of women filmmakers from the silent to the contemporary eras. Drawing from different periods, genres, and contexts of film production, this course will explore questions including: How does a focus on women filmmakers reframe our understanding of film history and production? How are feminist theoretical approaches to film challenged or reinforced in films made by women? Does a "female gaze" exist, and what would this idea mean for understanding and analyzing audiovisual narrative? The exploration of these questions will enable greater historical and theoretical awareness of cinematic contexts and hone skills in film analysis.

FMS 381 Studies in Film Genre 3 Credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology. Note: This course is cross-listed as ENG 381. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that genres studied will rotate.

FMS 382 Comparative Film Directors 3 Credits
Provides an in-depth comparative study of major American, international, independent and avant-garde filmmakers. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing the work of individual directors and will draw meaningful comparisons among directors sharing similar aesthetic and thematic approaches. Students will trace the artistic development of directors through their careers, assessing individual works in the context of film criticism and theory, and in the context of multi-layered intertextual influences. Note: This course is cross-listed as ENG 382. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that directors studied will rotate.

FMS 383 Global Cinemas 3 Credits
Provides an in-depth study of the history and defining characteristics of national cinemas. Through close analysis of selected films and readings, students will examine the general movements within the history and development of various national cinemas, with attention to film historiography when considering how patterns are to be viewed in light of the culture, politics, and history of a particular producing nation. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as ENG 383. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that national cinemas studied will rotate.

FMS 384 Film Adaptation 3 Credits
Provides an in-depth study of intertextual influence, as film enters into "dialogue" with various literary forms. Through close analysis of selected films and various forms of literature-including novels, graphic novels, short stories, plays, poetry, and journalism-students will study the aesthetic specificity of both film and literary genres and will analyze the transformative qualities at play when a work is adapted from page or stage to screen. Note: This course is cross-listed as ENG 384. Students may not get credit for both ENG 384 and FMS 384.

FMS 484 Seminar in Cinema Studies 3 Credits
Provides an in-depth study of areas central to discussion and debate in the field of cinema studies (such as film violence, cinema censorship, feminism and film, post-colonial cinema, African- American cinema, blaxploitation, The French New Wave, and Italian Neorealism, among others). Through close analysis of selected films and readings, students will examine the impact of specialized influential movements in film history and in film theory and criticism. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as ENG 484. Although students may not get credit for both ENG 484 and FMS 484 in a single semester, they may repeat this course in future semesters, given that topics in the field of cinema studies will rotate.

FMS 490 Independent Study: Research and Creative Expression 1-4 Credits
FMS 490 Independent Study will allow Film and Media Studies minors to pursue specialized areas of study, research and/or creative work relevant to the field of Film and Media Studies in consultation and close collaboration with a Film and Media Studies faculty member.

FMS 491 Internship in Film and Media Studies 1-4 Credits
FMS 491 Intership in Film and Media Studies will provide approved juniors and seniors minoring in Film and Media Studies with the opportunity to gain practical experience through work in various outside film and media-related publications, businesses, organizations, and production companies.

Film and Television

Program Overview

Students majoring in Film and Television have access to a wide variety of courses that carefully integrate hands-on production practice with studies in film history, theory, and the work of major film artists. FTV students are taught best professional practices through small, interactive classes in the Department's state-of-the-art digital film and television labs and editing suites. Through class projects and internships, students gain experience in screenwriting, editing, cinematography, and direction/performance methodologies for camera and screen, honing their aesthetic and technical skills in film and television production. To fully complement these skills, FTV students are encouraged to minor in Film and Media Studies (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/liberal-arts-programs/film-media-studies/), which is part of the FTV Department. In addition to traditional three-credit courses, students participate in the Department's innovative one-credit workshops taught by practicing industry professionals. These courses not only expose students to specialized niches within the profession, but also provide students with networking opportunities.

Beyond the classroom, students can also participate in a variety of film appreciation and production clubs, such as the Alternative Film Club (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/liberal-arts-programs/film-media-studies/alternative-film-club/) and R.U.N., (http://runetwork.weebly.com/) The Rider University Network (http://runetwork.weebly.com/). The Department of Film and Television's central location offers students internship opportunities throughout New York, New Jersey and Philadelphia. Rider's semester long program in Los Angeles also allows students a valuable opportunity to live, learn, and intern in one of the major film and media development and production centers of the world.

Curriculum Overview

The Department of Film and Television curriculum is designed to provide students with a comprehensive education in the production, aesthetics, history, and theory of film and television. Our core integrates filmmaking and film studies courses including two fundamental production courses; Foundations of Film, Television & Radio; Screenplay Fundamentals; and Language of Film Analysis. The curriculum also includes advanced courses in subjects such as film direction, cinematography, global and American film history, film and television writing, film adaptation, studies of a variety of film and television genres, major film directors, animation, documentary, and narrative television production.

Degree Offered

- B.A. in Film and Television

Contact

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Associated Department: Department of Media Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/)

Related Programs:

- English (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/english/)
- Theatre (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/theatre-ba/)
- Arts and Entertainment Industries Management (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/arts-entertainment-ind/)
- Game and Interactive Media Design (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/gaming-interactive-media-design/)
- Broadcast Journalism Concentration (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/journalism/#Broadcast)
- Sports Media (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/sports-media/)

Film and Television Major Requirements

(45 credits)

Code	Title	Credits
Film and Television Major Requirements:		**15**
FTV 135	Filmmaking I	
FTV 230	Foundations of Film, Television and Radio	
FTV 231	Film and Television Workshop [1]	
FTV 238	Screenplay Fundamentals	
ENG 284/FMS 284	Language of Film Analysis	
Filmmaking		**12**
Select four courses (12 credits) from the list below. At least one course selected must be at the 300- or 400-levels.		
FTV 235	Filmmaking II	
FTV 241	Sound Design	
FTV 243	The Actor and Filmmaker	
FTV 250	Television Studio Production I	
FTV 255	Mobile Studio Production	
FTV 282	Solo Filmmaking	
FTV 295	Cinematography I	
FTV 305	Editing and Post-Production	
FTV 333	Media Program Development and Distribution	
FTV 335	Documentary Production	
FTV 343	Actor and Filmmaker Practicum	
FTV 402	Directing for Film	
FTV 435	Filmmaking III	
FTV Elective Courses		**18**
Select six courses (18 credits) from at least two different categories shown below. One course must be a Film and Television History course and at least one of the six courses must be at the 300 level.		
Film and Television History Related Courses:		
Select at least one of the following:		
FMS 250	Global Film History: Origins to 1960	
or ENG 280	Special Topics in Literature	
FMS 251	Global Film History: 1961 to Present	
or ENG 281	Global Film History: Origins to 1960	
FMS 252	American Film History: Origins to 1960	
or ENG 285	American Film History: Origins to 1960	
FMS 253	American Film History: 1961 to Present	
or ENG 286	American Film History: 1961 to Present	
FTV 261	Television: Past, Present & Future	
FTV 392	Media History: Personalities and Trend	
Film, Television and Media Related Courses:		
FTV 202	Global Film & Media Industries	
FTV 221	Animation: History, Art, Industry & Culture	
FTV 239	YouTube: Content and Culture	
FMS 260	Great Performances in Film	
FTV 291	Documentary Film and Video	
FMS 300	Special Topics in Film and Media Studies	
FTV 328	Sitcoms and American Culture	
FMS 342	Artists of the Cinema	
FMS 380	Women in Film	
FMS 381	Studies in Film Genre	
or ENG 381	Studies in Film Genre	
FMS 382	Comparative Film Directors	
or ENG 382	Comparative Film Directors	
FMS 384	Film Adaptation	
or ENG 384	Film Adaptation	
FTV 390	Film, Television and Society	
FMS 484	Seminar in Cinema Studies	
Production Related Courses:		
COM 262	Graphic Imaging for Digital Media	
COM 265	3D Graphic Animation	
FTV 330	Documenting Cultures Through Travel	
COM 361	Photography	
Writing Courses:		
FMS 286	Writing Short Screenplays for Digital Cinema	
ENG 312	Creative Writing: Screenwriting	
FTV 339	Developing The Feature-Length Script	
Experiential Learning Courses:		
FTV 395	Los Angeles Media Experience	
FTV 399	The Co-Operative Experience	
FTV 490	Independent Study: Research and Creative Expression	
FTV 491	Internship in Film and TV	
FMS 491	Internship in Film and Media Studies	
Total Credits		**45**

1 FTV 231 must be taken three times for a total of 3 credits, each with a different special topic, to satisfy the requirement.

Film & Television Minor Requirements

The minor in Film and Television provides students with a solid foundation in film and television history, theory, screenwriting, and production. Rider's alumni network and industry connections, and the Department's Semester in Los Angeles Program, allow students to complement traditional classwork with real-world internships in the film and television industry. While broadening a student's appreciation for film history and aesthetics and developing their video storytelling and production skills, the minor helps prepare students for careers in the film and television industry or for advanced studies in film and television.

(21 credits)

Code	Title	Credits
FTV Minor Core Courses		**9**
FTV 135	Filmmaking I	
FTV 235	Filmmaking II	
ENG 284/FMS 284	Language of Film Analysis	
Select courses from at least two different categories below, with at least one course at the 300- or 400-level		**12**
Film & Television History Related Courses:		
FMS 250/ENG 280	Global Film History: Origins to 1960	
FMS 251/ENG 281	Global Film History: 1961 to Present	
FMS 252/ENG 285	American Film History: Origins to 1960	
FMS 253/ENG 286	American Film History: 1961 to Present	
FTV 261	Television: Past, Present & Future	
FTV 392	Media History: Personalities and Trend	
Film, Television & Media Related Courses:		
FTV 202	Global Film & Media Industries	
FTV 221	Animation: History, Art, Industry & Culture	
FTV 230	Foundations of Film, Television and Radio	
FTV 231	Film and Television Workshop [1]	
FTV 239	YouTube: Content and Culture	
FMS 260	Great Performances in Film	
FTV 291	Documentary Film and Video	
FMS 300	Special Topics in Film and Media Studies	
FTV 328	Sitcoms and American Culture	
FTV 333	Media Program Development and Distribution	
FMS 342	Artists of the Cinema	
FMS 380	Women in Film	
FMS 381/ENG 381	Studies in Film Genre	
FMS 382/ENG 382	Comparative Film Directors	
FMS 384/ENG 384	Film Adaptation	
FTV 390	Film, Television and Society	
FTV 395	Los Angeles Media Experience	
Production Related Courses:		
FTV 241	Sound Design	
FTV 243	The Actor and Filmmaker	
FTV 250	Television Studio Production I	
FTV 255	Mobile Studio Production	
COM 262	Graphic Imaging for Digital Media	
COM 265	3D Graphic Animation	
FTV 282	Solo Filmmaking	
FTV 295	Cinematography I	
FTV 305	Editing and Post-Production	
FTV 330	Documenting Cultures Through Travel	
FTV 335	Documentary Production	
FTV 343	Actor and Filmmaker Practicum	
COM 361	Photography	
FTV 402	Directing for Film	
FTV 435	Filmmaking III	
Writing Courses:		
FTV 238	Screenplay Fundamentals	
FMS 286	Writing Short Screenplays for Digital Cinema	
ENG 312	Creative Writing: Screenwriting	
FTV 339	Developing The Feature-Length Script	
Total Credits		**21**

1 This course must be completed a minimum of 3 times to earn at least 3 credits.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
FTV 135	Filmmaking I	3
Scientific Perspective Course		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
FTV 230	Foundations of Film, Television and Radio	3
Social Perspectives Course		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
FTV 235	Filmmaking II	3

FMS 250 or FMS 252	Global Film History: Origins to 1960 or American Film History: Origins to 1960	3
FMS 284	Language of Film Analysis	3
Foreign Language 1 of 2 [1]		3
Aesthetics Perspectives: Fine Arts Course		3
	Semester Credit Hours	**15**
Spring Semester		
FTV 238	Screenplay Fundamentals	3
FMS 251 or FMS 253	Global Film History: 1961 to Present or American Film History: 1961 to Present	3
Foreign Language 2 of 2 [1]		3
Scientific Perspectives Course		3
Aesthetics Perspective Course		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
Social Perspective Course		3
Philosophical Perspective Course		3
Filmmaking Elective		3
FTV Elective		3
Elective Course [2]		3
	Semester Credit Hours	**15**
Spring Semester		
Filmmaking Elective Courses		6
FTV Elective Course		3
Elective Courses		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Filmmaking Elective Course		3
FTV Elective Course		3
Elective Course Credits		9
	Semester Credit Hours	**15**
Spring Semester		
Select either the Travel Option or the Non-travel Option below:		**15**
Travel Option:		
FTV 395	Los Angeles Media Experience	
FTV 399	The Co-Operative Experience	
Non-travel Option:		
COM 399 or FMS 484	The Co-Operative Experience or Seminar in Cinema Studies	
Three or four Elective Courses [2]		
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2 Elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

FTV 125 Introduction to Film and Television Production 3 Credits
Introduces general students (other than FTV majors or FMS minors) to the basics of film and television production. This is a practical course covering the very basics of film and video storytelling and production including cameras, microphones, shot composition, editing, and sound. Students will create multiple short film and television assignments of their own, as well as work on other film and television projects in small groups. The course incorporates short lectures, hands-on practice and shooting exercises in and out of class, screenings, discussions, and group and individual film and television projects.

FTV 135 Filmmaking I 3 Credits
Filmmaking I introduces students to basic film and television production theories, techniques, and applications. Students will gain competency in a number of production areas including composition, lighting, filmic storytelling, sound, production planning and editing. As well as gaining practical production experience, students will also be introduced to basic art theory in relation to composition and visual storytelling.

FTV 202 Global Film & Media Industries 3 Credits
An introductory survey of the international film and television industry that will provide students with a global perspective of this ever-evolving industry. First, providing a basic foundation of key historical, economic and cultural factors and initiatives impacting and shaping films and television programs, this course will provide students with the tools to better understand the influence that globalization has on the film and television industry and the impact the products of this industry may have throughout the world.

FTV 221 Animation: History, Art, Industry & Culture 3 Credits
An introduction to the history of animation in film and television, this course will explore animation as art, industry, and purveyor of culture. Through this course, students will gain a greater appreciation for aesthetics, technology, and the cultural and communication theories impacting and influencing the genre, and gain a greater understanding of the role played by key individuals and companies in the development of both iconic characters and in the shaping of an industry. Students will view a variety of important animated films and television programs and discuss the artistic, technical and narrative developments in animation from the early 20th century to the present. This course will provide students with a more nuanced understanding of the magic of animation and its impact and influence on culture and society throughout the globe.

FTV 230 Foundations of Film, Television and Radio 3 Credits
Examines film, television and radio industries, the programs they create and the powerful role they play in society. This course will examine the history, technology, structure, programming and regulation of these industries including issues, trends, and the impact of new and evolving technologies.

FTV 231 Film and Television Workshop 1 Credits
Course topics will vary from topic to topic. This course will be offered Pass/Fail.

FTV 235 Filmmaking II 3 Credits
This course will build on the basic technical proficiency gained in COM 135 as applied to narrative filmmaking. Working as individuals and in groups, students will develop skills in narrative cinematic storytelling, and gain a basic proficiency in filmmaking theory, techniques and applications. Students will gain competency in a number of production areas including idea generation and scripting, production planning, cinematography, lighting, sound and editing.
Prerequisite(s): FTV 135 or COM 131.

FTV 236 The Aesthetics of Filmmaking 3 Credits
Introduces general students (other than FTV majors or FMS minors) to a greater appreciation of film art and the various generic and artistic approaches adopted by noteworthy filmmakers through the course of film history. Through film viewing, class discussion, readings, essay writing and creative responses, students will learn how formal choices in cinematography, production and sound design, screenwriting, and acting shape cinematic themes and atmosphere, while forging viewer identification and eliciting emotional response. Among readings will be those on introductory film theory, key works of film criticism, interviews with filmmakers, and scholarship on the aesthetics and ideological underpinnings within various film genres and in the work of selected filmmakers.

FTV 238 Screenplay Fundamentals 3 Credits
Screenplay Fundamentals will instruct students in how to write for the screen. Students will learn how to convey story and character through the medium of film and television, how to write effective dialogue, and understand the basics of dramatic writing and scene structure.
Prerequisite: COM 131.

FTV 239 YouTube: Content and Culture 3 Credits
YouTube, one of the most well-known and widely discussed examples of participatory media in the social media environment, is the first generally popular platform for user-created video. Blending theory and practice, this course examines the social, cultural, economic, and political implications of YouTube; the empowerment and pitfalls of the user-generated content it relies on; and the implication of the participatory media which has transformed passive viewers into active producers. Students will learn the historical roots of YouTube, become familiar with modes of media production, and study legal, ethical, and social justice issues related to the creation of channels and videos for YouTube. While the course has a significant theoretical component, students will engage directly in participatory practices by designing and creating course related content for YouTube. Through this course, students will gain a critical understanding of and a greater appreciation for the impacts of user generated video content on social and political participation locally and globally.

FTV 241 Sound Design 3 Credits
This course is an introduction to sound design and editing for film, television and game design. The course examines the use and placement of sound and music in visual media from both an artistic and technological perspective, and discusses how sound and music might be used to convey meaning, enhance and strengthen visual elements, provide narrative cues, create a sense of depth and place, focus attention on actions and provide structure and ambience to the visual. Along with covering the basics of sound recording, microphone selection and use, and mixing techniques, topics such as ADR (Automatic Dialog Replacement), Foley, sound and music synchronization and sound in post-production are covered. Numerous examples of sound design for film, television and gaming will be analyzed and discussed in class.

FTV 243 The Actor and Filmmaker 3 Credits
A practicum course that instructs the student on how actors and directors work together to build a performance. The course will provide on-hands experience in technical aspects of behind and in front of camera processes in capturing an actor's performance, exploring the demands and particularities of acting for the camera. This course will also serve as an introduction to basic acting theories and practices as they relate to how actors work to express a character onscreen. Elements of this course include monologue and scene rehearsal and performance (both multi-camera and single camera), audition techniques (for both actors and directors), and how film directors block and cover a scene. Students will gain experience both behind and in front of the camera,
Prerequisite(s): COM 131 or FTV 135 for Film/TV majors or THE 110 for Theater majors.

FTV 250 Television Studio Production I 3 Credits
This introductory course is designed to expose students to the processes, equipment, production roles, techniques and goals of in-studio television production. Serving as directors, writers, on-camera hosts, etc., students will gain valuable, direct hands-on experience with the technical and creative challenges faced during the various phases of studio production from pre-production planning through actual remote and live studio work. Emphasis will be placed on studio operation and technology; the roles and responsibilities of the production crew; and the pressures faced during the direction of live, multi-camera productions.
Prerequisite(s): COM 131 or FTV 135.

FTV 255 Mobile Studio Production 3 Credits
This course is designed to expose students to the processes, equipment, production roles, techniques, and goals of live, mobile television studio production. Serving as directors, writers, camera operators, sound engineers, etc., students will gain valuable, direct hands-on experience with the technical and creative challenges faced during the various phases of mobile television production from pre-production planning through actual live production work. Students will serve as production crew for mobile television programs and become familiar with the unique challenges and pressures faced during the production of live events using mobile studio technology and software. Students will be regularly required to participate in productions outside of normal class hours. Speak with the instructor for more details.
Prerequisite(s): COM 131 or FTV 135.

FTV 261 Television: Past, Present & Future 3 Credits
This course will survey television from its early days through the modern digital eras and examine how historically specific social, cultural and economic forces have influenced and shaped content, regulation, technology, audiences, the industry, and society itself. From the early days of Live TV and the advent of programming genres, through the New Golden Age of Television in the modern era, this course will provide a critical framework for better understanding of how various factors have interacted to shape the development and evolution of television broadcasting and allowed television to become a significant and influential socio-cultural institution.

FTV 282 Solo Filmmaking 3 Credits
Solo Filmmaking takes an individual/DYI approach to all aspects of filmmaking. Over the course of a semester, students will do it all on a solo short film project: conceive an idea, write the script, run all aspects of pre-production (casting, location scouting, shot listing, production design), perform all technical sides of production (scheduling, directing, sound recording, cinematography) as well as post production (editing, color, sound mix). Designed for the fiercely-independent student, this course is of value to the experienced and inexperienced filmmaker alike.

FTV 291 Documentary Film and Video 3 Credits
Surveys the history of documentary film, including reportorial, exploratory, persuasive, symphonic, compilational, reflexive, and fictional traditions through screenings, lectures, and readings. Provides practice in film criticism. Explores philosophical questions about the relationship between non-fiction films and videos and the reality they purport to record. Analyzes ethical problems of filmmaking.

FTV 295 Cinematography I 3 Credits
This course introduces the art of cinematography from historical, aesthetic and practical perspectives. Students will learn the principles of cinematic composition, lenses, lighting, and camera operation while studying the work of great cinematographers in film history.
Prerequisite(s): COM 131.

FTV 305 Editing and Post-Production 3 Credits
This course covers the theories and principles of editing and post-production processes for film, television, and digital media. Through exercises and assignments, students will be introduced to editing as both a technical process and an artistic endeavor. Students will learn editing theory, the technique and workflow of picture and sound editing, basic post-production terminology, editing rules and how to break them, editing aesthetics, color timing, and color correction. Strong emphasis will be placed on the technical, analytical, and practical techniques necessary to further creative expression.
Prerequisite(s): FTV 235.

FTV 328 Sitcoms and American Culture 3 Credits
Provides an overview to the unique and highly structured form of the American television situation comedy. The primary focus will be on history and development with in-depth study of situation comedy themes, characters, and settings. Through lectures, case discussions, in-class assignments, and class projects, students will examine the social and cultural meanings and implications of this incredibly popular and durable genre of programming.

FTV 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a different culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

FTV 333 Media Program Development and Distribution 3 Credits
Critically analyzes the theory, practice, structure, and function of media program development and distribution. Examines the structure of the field as it relates to programming, the industry and audiences. Studies program categories, formats, genres, trends, and audience measurement and analysis as well as the new and evolving technologies responsible for program development and distribution.
Prerequisite(s): FTV 230.

FTV 335 Documentary Production 3 Credits
This course serves as an introduction to documentary filmmaking. Students will be introduced to a wide variety of documentary styles and approaches and learn the basics of documentary production. Working in teams, students will gain firsthand experience with on-camera interviews, conducting documentary research, using practical and source lighting, scripting, and working with a variety of source material in constructing their own short documentary projects.
Prerequisite(s): FTV 135 or COM 131.

FTV 339 Developing The Feature-Length Script 3 Credits
Developing the Feature Length Script will instruct students how to write a full-length film or television program. Students will learn the mechanics of 3-act and 7-act structure, and during the course they will develop a logline, synopsis, treatment, and sample scenes of a full-length project.
Prerequisite(s): FTV 238.

FTV 343 Actor and Filmmaker Practicum 1 Credits
A workshop class designed to give acting and filmmaking students an opportunity to collaborate on narrative film and television projects. During this class students will work closely with the directors on building compelling performances for the screen. Students will gain practical experience with auditioning, blocking of scenes, developing their characters and techniques for working effectively and efficiently with a director and crew.
Prerequisite(s): FTV 135 or THE 110.

FTV 390 Film, Television and Society 3 Credits
Examines in a topical manner the influence of film and television upon significant issues affecting people and society. May explore important media figures such as directors, producers, and actors, and their importance in these industries. May also explore various genres of narrative, documentary, commercial, music video, web-based, and other types of media production. May be taken more than once with different emphasis.

FTV 392 Media History: Personalities and Trend 3 Credits
Presents in a topical manner the history of the media from various perspectives, seeking to place the material into a meaningful economic, cultural, political, and/or social context. Different issues and related individuals are examined, such as the golden age of radio, motion picture economics, and media empire builders, with a view toward understanding their significant impact on the development and functioning of the media today. This course may be taken more than once with a different emphasis.

FTV 395 Los Angeles Media Experience 3 Credits
This course is a practical exploration of the workings of the contemporary film and media industries in Los Angeles, California, and is designed as a required compliment for students enrolled in Rider's Semester in Los Angeles program. Focused on both major studios and independent production companies, this course explores how media are created, distributed and consumed in the U.S. and around the world. Students will examine the role of creativity, economics, an ever-evolving technology and the impact they have on how this industry operates today and where it may be heading into the future. The class will stay current by regularly reading trade publications and, through guest lectures, have many opportunities to hear directly from industry professionals about issues and challenges facing the field.
Prerequisite(s): POI (restricted to students enrolled in the Department of Film and Television Semester in Los Angeles program.

FTV 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; .
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

FTV 402 Directing for Film 3 Credits
This course approaches directing both creatively and critically, and examines the role and importance of the director to the filmmaking process. The transformation of the written script into a film is explored through readings, viewing and analyzing the films of accomplished directors. Lectures and exercises illustrated with film clips and readings emphasize plot development, script analysis, developing storyboards and shot lists, rehearsal, blocking, collaborating with talent and production crew, and using the camera to effectively capture action and performance. Students will gain an effective understanding of the role of the director through the various stages of film production, and be provided the opportunity to demonstrate and cultivate his/her effectiveness as a director through individual and group assignments.
Prerequisite(s): FTV 235 and COM 338.

FTV 435 Filmmaking III 3 Credits
This is an intensive hands-on course in advanced digital filmmaking. Students will gain proficiencies in a number of filmmaking areas including production planning, aesthetics, scripting, script breakdown, camera movement, selecting and directing talent, creating scenes and sequences, visualizing action, establishing mood and conflict, as well as advanced lighting, sound and digital editing techniques. The students' use of high definition digital imaging systems as a medium for narrative cinematography will be developed and refined. In addition, students will explore how filmmaking techniques and technology can impact the visual storytelling process. Students will work cooperatively in groups, modeling the interdependent structure of professional film crews. Throughout the class, there will be an important integration of theory and practice which will enable students to produce meaningful film projects that will not only be technically effective, but strong in content and context as well.
Prerequisite(s): FTV 235.

FTV 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

FTV 491 Internship in Film and TV 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

FMS 250 Global Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From silent comedy and melodrama to German Expressionism and Soviet activist cinema; from French poetic realism and Italian Neo-realism to Hollywood sound cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. FMS 250 is cross-listed with ENG 281 and fulfills the general education global perspectives requirement.

FMS 251 Global Film History: 1961 to Present 3 Credits
Examines major technological, industrial, and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From the decline of the studio system and the emergence of the "New Hollywood" to the digital revolution; from the renaissance in Western and Eastern European cinemas to Latin American, Asian, and Middle Eastern cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. FMS 251 is cross-listed with ENG 282 and fulfills the general education global perspectives requirement.

FMS 252 American Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in American cinema as it grew from the days of one-reel silent shorts exhibited in storefront theaters through the days of studio productions exhibited in lavish picture palaces and featuring iconic stars the system manufactured and promoted. From the inception of sound and color, to the later development of lightweight equipment that freed filmmakers from the confines of the studio, from the "golden age" to the gradual decline of the Hollywood studio system in the 1950s, we will study the lasting genres that grew out of the system, the filmmakers who flourished and those who rebelled against the system, and the ground-breaking films that established the American film industry as a dominant force within the world. FMS 252 is cross-listed with ENG 285.

FMS 253 American Film History: 1961 to Present 3 Credits
Examines the transitions of Hollywood in the post-studio era— the rise of the 1960s-1970s New Hollywood and its ground-breaking films, the rise of the blockbuster as an industry standard; the responses of independent filmmakers and the avant-garde to blockbuster dominance; the transition from the Production Code to the ratings system, the move back to studio-owned theaters, and the emergence of digital cinema and CGI. We will look at how genres are being redefined, how major filmmakers are re-shaping their work to fit 21st century demands, how "gaming," YouTube, and other media sources are altering the very definition of cinema. FMS 253 is cross-listed with ENG 286.

FMS 260 Great Performances in Film 3 Credits
Examines major accomplishments in film acting from the silent era to the present day. Students will acquire knowledge of the historical and critical contexts and the artistic vocabulary necessary to understanding, appreciating and assessing screen performances in a range of genres—from comedy and the musical, to the melodrama, psychological thriller, and "hard-boiled" film noir. Students will be asked to read, evaluate, and analyze film performance texts, as well as to research and write about performances in numerous films.

FMS 284 Language of Film Analysis 3 Credits
Provides students with the fundamentals necessary for achieving beginning proficiency in methods of cinema studies scholarship. The course provides an in-depth introduction to concepts of film analysis, theory, and history, as well as to the field of cinema studies as an academic discipline. Through close analysis of selected films and readings, students will examine the various and complex ways in which formal elements shape meaning. Students also will study key concepts in film theory, applying these concepts as a further means of understanding the ways in which film positions viewers and mediates ideology. Required of all Film and Media Studies minors. FMS 284 is cross-listed with ENG 284.

FMS 286 Writing Short Screenplays for Digital Cinema 3 Credits
Writing Short Screenplays for Digital Cinema will focus solely on the creation of a short screenplay for digital film. The course will ask that students conceive of and execute a viably producible screenplay, shooting script, and industry pitch for the modern market.

FMS 300 Special Topics in Film and Media Studies 3 Credits
Courses in specialized and interdisciplinary areas of Film and Media Studies explore all three phases of the media experience: the industry that produces, distributes and exhibits; the textual products themselves; and audience reception of these products. FMS 300 Special Topics in Film and Media Studies courses will focus on each of the phases individually and/or on intersections of all three phases. Special topics courses will devote attention to the relationship of film to both traditional as well as new media; the relationship of film to the other arts; the relationship of film to the ancillary products and industries it both creates and depends upon for financial profit; and the relationship of film as an industry and institution to the various cultural institutions film and media texts routinely represent.

FMS 340 Film and Media Audiences 3 Credits
Provides students with the fundamentals necessary for understanding media audiences and reception within the interdisciplinary framework of film and media studies. The course introduces students to the field of audience and reception studies, including theory, empirical scholarship and history. Students will learn about who composed audiences, how they behaved, how they responded to the medium and the texts it delivered, how they interpreted what it meant to be an audience, how audiences were defined and treated by others, both today and historically. This will include audiences of movies, radio, television and news media.

FMS 342 Artists of the Cinema 3 Credits
Provides the opportunity to delve into the work of an individual film artist (whether a director, producer, screenwriter, cinematographer, costume designer, art director, musical composer, actor) or to examine a creative team (various combinations of a director, actor, cinematographer, screenwriter) that has collaborated in producing a series of films together. The course will pose the daunting question: Who is the author of the film? Even when studying individual artists, we will explore the influences and the working relationships that have shaped their work, and we will look outward to the way in which they have influenced other artists of their own generation and beyond.

FMS 380 Women in Film 3 Credits
Examines the work of women filmmakers from the silent to the contemporary eras. Drawing from different periods, genres, and contexts of film production, this course will explore questions including: How does a focus on women filmmakers reframe our understanding of film history and production? How are feminist theoretical approaches to film challenged or reinforced in films made by women? Does a "female gaze" exist, and what would this idea mean for understanding and analyzing audiovisual narrative? The exploration of these questions will enable greater historical and theoretical awareness of cinematic contexts and hone skills in film analysis.

FMS 381 Studies in Film Genre 3 Credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology. Note: This course is cross-listed as ENG 381. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that genres studied will rotate.

FMS 382 Comparative Film Directors 3 Credits
Provides an in-depth comparative study of major American, international, independent and avant-garde filmmakers. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing the work of individual directors and will draw meaningful comparisons among directors sharing similar aesthetic and thematic approaches. Students will trace the artistic development of directors through their careers, assessing individual works in the context of film criticism and theory, and in the context of multi-layered intertextual influences. Note: This course is cross-listed as ENG 382. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that directors studied will rotate.

FMS 383 Global Cinemas 3 Credits
Provides an in-depth study of the history and defining characteristics of national cinemas. Through close analysis of selected films and readings, students will examine the general movements within the history and development of various national cinemas, with attention to film historiography when considering how patterns are to be viewed in light of the culture, politics, and history of a particular producing nation. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as ENG 383. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that national cinemas studied will rotate.

FMS 384 Film Adaptation 3 Credits
Provides an in-depth study of intertextual influence, as film enters into "dialogue" with various literary forms. Through close analysis of selected films and various forms of literature-including novels, graphic novels, short stories, plays, poetry, and journalism-students will study the aesthetic specificity of both film and literary genres and will analyze the transformative qualities at play when a work is adapted from page or stage to screen. Note: This course is cross-listed as ENG 384. Students may not get credit for both ENG 384 and FMS 384.

FMS 484 Seminar in Cinema Studies 3 Credits
Provides an in-depth study of areas central to discussion and debate in the field of cinema studies (such as film violence, cinema censorship, feminism and film, post-colonial cinema, African- American cinema, blaxploitation, The French New Wave, and Italian Neorealism, among others). Through close analysis of selected films and readings, students will examine the impact of specialized influential movements in film history and in film theory and criticism. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as ENG 484. Although students may not get credit for both ENG 484 and FMS 484 in a single semester, they may repeat this course in future semesters, given that topics in the field of cinema studies will rotate.

FMS 490 Independent Study: Research and Creative Expression 1-4 Credits
FMS 490 Independent Study will allow Film and Media Studies minors to pursue specialized areas of study, research and/or creative work relevant to the field of Film and Media Studies in consultation and close collaboration with a Film and Media Studies faculty member.

FMS 491 Internship in Film and Media Studies 1-4 Credits
FMS 491 Intership in Film and Media Studies will provide approved juniors and seniors minoring in Film and Media Studies with the opportunity to gain practical experience through work in various outside film and media-related publications, businesses, organizations, and production companies.

Filmmaking for Actors

Overview

The minor in Filmmaking for Actors provides acting students an opportunity to collaborate with Film and Television Production students in order to gain a greater understanding of the production field, as well as the specific requirements of acting for the camera. Students will gain competency in development and production, along with the practical experience of working with screenwriters and filmmakers. Students also will be given the ability to tailor their coursework in ways that best prepares them for careers in acting for film and television.

Degree Offered

- Minor in Filmmaking for Actors

Contact

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Program website: Filmmaking for Actors Minor (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/filmmaking-actors/)

Associated Department: Department of Media Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/)

Related Programs:

- Theatre (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/theatre-ba/)
- Arts and Entertainment Industries Management (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/arts-entertainment-ind/)

Filmmaking for Actors Minor Requirements

(24 credits)

Code	Title	Credits
FTV 135	Filmmaking I	3
FTV 230	Foundations of Film, Television and Radio	3
FTV 235	Filmmaking II	3
or FTV 295	Cinematography I	
FTV 243	The Actor and Filmmaker	3
or THE 300	Acting for the Camera	
FMS 260	Great Performances in Film	3
FMS 284	Language of Film Analysis	3
FTV 238	Screenplay Fundamentals	3
or FMS 286	Writing Short Screenplays for Digital Cinema	
FTV 343	Actor and Filmmaker Practicum [1]	3
Total Credits		**24**

1

FTV 343 must be completed three times for credit.

Courses and Descriptions

FTV 135 Filmmaking I 3 Credits
Filmmaking I introduces students to basic film and television production theories, techniques, and applications. Students will gain competency in a number of production areas including composition, lighting, filmic storytelling, sound, production planning and editing. As well as gaining practical production experience, students will also be introduced to basic art theory in relation to composition and visual storytelling.

FTV 230 Foundations of Film, Television and Radio 3 Credits
Examines film, television and radio industries, the programs they create and the powerful role they play in society. This course will examine the history, technology, structure, programming and regulation of these industries including issues, trends, and the impact of new and evolving technologies.

FTV 235 Filmmaking II 3 Credits
This course will build on the basic technical proficiency gained in COM 135 as applied to narrative filmmaking. Working as individuals and in groups, students will develop skills in narrative cinematic storytelling, and gain a basic proficiency in filmmaking theory, techniques and applications. Students will gain competency in a number of production areas including idea generation and scripting, production planning, cinematography, lighting, sound and editing.
Prerequisite(s): FTV 135 or COM 131.

FTV 238 Screenplay Fundamentals 3 Credits
Screenplay Fundamentals will instruct students in how to write for the screen. Students will learn how to convey story and character through the medium of film and television, how to write effective dialogue, and understand the basics of dramatic writing and scene structure.
Prerequisite: COM 131.

FTV 239 YouTube: Content and Culture 3 Credits
YouTube, one of the most well-known and widely discussed examples of participatory media in the social media environment, is the first generally popular platform for user-created video. Blending theory and practice, this course examines the social, cultural, economic, and political implications of YouTube; the empowerment and pitfalls of the user-generated content it relies on; and the implication of the participatory media which has transformed passive viewers into active producers. Students will learn the historical roots of YouTube, become familiar with modes of media production, and study legal, ethical, and social justice issues related to the creation of channels and videos for YouTube. While the course has a significant theoretical component, students will engage directly in participatory practices by designing and creating course related content for YouTube. Through this course, students will gain a critical understanding of and a greater appreciation for the impacts of user generated video content on social and political participation locally and globally.

FTV 243 The Actor and Filmmaker 3 Credits
A practicum course that instructs the student on how actors and directors work together to build a performance. The course will provide on-hands experience in technical aspects of behind and in front of camera processes in capturing an actor's performance, exploring the demands and particularities of acting for the camera. This course will also serve as an introduction to basic acting theories and practices as they relate to how actors work to express a character onscreen. Elements of this course include monologue and scene rehearsal and performance (both multi-camera and single camera), audition techniques (for both actors and directors), and how film directors block and cover a scene. Students will gain experience both behind and in front of the camera,
Prerequisite(s): COM 131 or FTV 135 for Film/TV majors or THE 110 for Theater majors.

FTV 295 Cinematography I 3 Credits
This course introduces the art of cinematography from historical, aesthetic and practical perspectives. Students will learn the principles of cinematic composition, lenses, lighting, and camera operation while studying the work of great cinematographers in film history.
Prerequisite(s): COM 131.

FTV 343 Actor and Filmmaker Practicum 1 Credits
A workshop class designed to give acting and filmmaking students an opportunity to collaborate on narrative film and television projects. During this class students will work closely with the directors on building compelling performances for the screen. Students will gain practical experience with auditioning, blocking of scenes, developing their characters and techniques for working effectively and efficiently with a director and crew.
Prerequisite(s): FTV 135 or THE 110.

FMS 260 Great Performances in Film 3 Credits
Examines major accomplishments in film acting from the silent era to the present day. Students will acquire knowledge of the historical and critical contexts and the artistic vocabulary necessary to understanding, appreciating and assessing screen performances in a range of genres—from comedy and the musical, to the melodrama, psychological thriller, and "hard-boiled" film noir. Students will be asked to read, evaluate, and analyze film performance texts, as well as to research and write about performances in numerous films.

FMS 284 Language of Film Analysis 3 Credits
Provides students with the fundamentals necessary for achieving beginning proficiency in methods of cinema studies scholarship. The course provides an in-depth introduction to concepts of film analysis, theory, and history, as well as to the field of cinema studies as an academic discipline. Through close analysis of selected films and readings, students will examine the various and complex ways in which formal elements shape meaning. Students also will study key concepts in film theory, applying these concepts as a further means of understanding the ways in which film positions viewers and mediates ideology. Required of all Film and Media Studies minors. FMS 284 is cross-listed with ENG 284.

FMS 286 Writing Short Screenplays for Digital Cinema 3 Credits
Writing Short Screenplays for Digital Cinema will focus solely on the creation of a short screenplay for digital film. The course will ask that students conceive of and execute a viably producible screenplay, shooting script, and industry pitch for the modern market.

THE 300 Acting for the Camera 3 Credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera.
Prerequisite(s): THE 107.

French

Program Overview

Students of French students at Rider acquire an international perspective and a unique intercultural sensitivity. Advanced foreign language skills combined with intercultural expertise increase the employment prospects of our students in the global marketplace of the 21st century.

A minor in French offers students the opportunity to receive a practical grounding in the French language and culture through a challenging curriculum which may include study abroad. In addition, our language, literature, film, and culture courses prepare students to understand cultural diversity abroad and at home, to appreciate their own language and culture, and to gain global awareness. An individual fluent in another language acquires insight into the world in which we live. Faculty engagement in research and teaching excellence combines with our unique "accent on the individual" perspective through advisement and co-curricular opportunities to create a challenging yet supportive atmosphere in which students can realize their potential.

A minor in French will also complement many degree programs in business, education, music, and the liberal arts.

Students have access to the Foreign Language Media Center with 25 computer workstations with internet access for self-paced work and

classroom instruction including interactive audio, video, and text-based materials.

Curriculum Overview

Classes in the French minor include an introduction to French literature, French composition and translation, French for Business and the professions, French culture and French phonetics, and conversation. Students also study literature, culture and liberal arts. Students are strongly encouraged to spend one semester abroad.

Student Learning Outcomes

Graduates with a minor in French will be able to:

1. demonstrate communicative competence in French;
2. discuss cross-cultural topics;
3. analyze and critique the products, practices, and perspectives of world cultures of the French and Francophone communities;
4. compare and contrast value systems across cultures.

Honors Programs in Languages, Literatures and Cultures

The department faculty will identify prospective honors students at the earliest possible moment and offer them challenges and encouragement to develop to their highest potential. A student who has a 3.25 cumulative average and a 3.5 in the major may be invited by the department, upon recommendation of a faculty member, to become a candidate for the 3-credit honors thesis or capstone project. Details of the thesis or capstone project will be arranged to accommodate the interests of the individual student.

The thesis/capstone project is completed during the senior year. It represents the culmination of a student's academic experience and is an irreplaceable learning experience for the development of research, writing, and critical thinking skills for graduate school admissions and success, as well as work in numerous careers. Students who successfully complete the thesis or capstone project and retain the required cumulative and major grade point average will graduate with honors.

Degree Offered

- Minor in French

Contact

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Associated Department: Department of Languages, Literatures and Cultures (http://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/)

Related Programs

- Chinese (p. 110)
- Spanish (p. 527)

French Minor Requirements

(18 credits)

Code	Title	Credits
FRE 200 & FRE 201	French III and French IV [1]	6
Select four French courses at the 300-level or above from the following list:		12
FRE 300	French Composition/Translation	
FRE 301	French for Business	
FRE 305	An Introduction to French Literature	
FRE 311	French Culture	
FRE 320	French Phonetics and Conversation	
FRE 422	Cultural Expression in French Film and Television	
FRE 425	Portrait of the Hero in French Fiction	
FRE 430	Mask & Reality in French Theater	
FRE 435	Self in French Prose & Poetry	
FRE 440	A Quest for Identity: Francophone Literature and Culture	
FRE 490	Independent Study: Research and Creative Expression	
FRE 491	Internship in Foreign Languages	
FRE 496	Special Studies	
Total Credits		**18**

1

Two advanced (300- or 400-level) courses will be substituted upon demonstrated proficiency.

Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper-level course upon completion of a Study Abroad program.

Courses and Descriptions

FRE 100 French I 3 Credits
Conversational French is taught through basic vocabulary and grammar building. Students will enjoy an immersion-style method emphasizing real-life situations and vocabulary in authentic cultural context, through an interactive textbook, videos, on-line resources, and oral/aural skill building using the technology in the Foreign Language Media Center to enhance learning. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): Placement test if French has been studied elsewhere.

FRE 101 French II 3 Credits
Building on learning in French I, students will begin to converse using more complicated grammatical structures within immersion-style classroom interactions. While the focus is still on conversation and aural skill building, composition skills receive greater emphasis. Students will enjoy an interactive textbook, Internet usage, and authentic videos shot on location in France. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 100 or placement test.

FRE 200 French III 3 Credits
This course builds on linguistic skills previously acquired through an emphasis on conversation and oral comprehension, and through vocabulary building. Grammar study is continued at a more advanced level, and students begin to read short passages focusing mainly on francophone culture and civilization. Film clips, Internet resources, and other computer-aided learning tools are used to create a dynamic immersion-style learning experience. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 101 or placement test.

FRE 201 French IV 3 Credits
While continuing the emphasis on aural/oral production and grammar and vocabulary building, short passages of greater complexity taken from literary texts, newspapers, and magazines will become the focus of conversation/composition activities. Technological resources will continue to enhance the immersion-style learning experience consistent with a course in advanced French. Successful completion of this course, or its equivalent, serves as a prerequisite for French courses at the 300 and 400 level. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 200 or placement test.

FRE 300 French Composition/Translation 3 Credits
An in-depth study of style, shades of meaning, and correctness of expression. Translation of business/professional/scientific/political texts will receive emphasis, and students will continue to perfect their writing skills, and review and improve advanced grammatical structures.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 301 French for Business 3 Credits
The fundamentals needed to survive in the French professional and business world are taught. Students will continue to perfect oral/written/aural skills while learning about the cultural climate within which these skills will be used. Students will learn how to prepare effective business/professional correspondence and, through role-playing activities, will use their knowledge in such real-life situations as interviewing, telephone conversations, and business meetings.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 305 An Introduction to French Literature 3 Credits
A chronological overview of the evolution of French literature from the Middle Ages to the present. Study and interpretation of selected works, authors or literary movements through the Renaissance, the classical period, Enlightenment, romanticism, realism, naturalism to representative works by authors of our century from Proust to existentialism, the nouveau Roman, theatre absurde and beyond.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 311 French Culture 3 Credits
A study of modern France and French value orientations as they are rooted in tradition and history and continue to shape everyday life as well as institutions, social organizations, artistic expression, education, attitudes and human interaction. A comparative approach will examine the underlying differences between France and the United States. Classes are in English.

FRE 320 French Phonetics and Conversation 3 Credits
This course is an introduction to French phonetics and is designed to help students further develop their skills in speaking French accurately and fluently. The course requires students to learn basic linguistic symbols and the phonetic alphabet as a theoretical step toward improving articulation and pronunciation. Moreover, special emphasis will be placed on the development of vocabulary and of appropriate communication techniques to participate in discussions in French. The course will be a mix of lectures, class discussions, debates, face-to-face conversations, and role games requiring a strong active participation. Counts toward major and minor requirements.
Prerequisite(s):FRE 201 or above, or placement test at 300-level or above.

FRE 422 Cultural Expression in French Film and Television 3 Credits
A systematic analysis of selected French films and television broadcasts will reveal cultural value orientations as they relate to love, family, community, leisure, work, social, and political organization. A comparative approach will stress the underlying cultural differences between France and the United States. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 425 Portrait of the Hero in French Fiction 3 Credits
This course deals with modern French fiction and its depiction of the role of the hero as a figure who gradually loses control over his fate (Stendhal, Balzac) and is changed into someone who struggles against ever increasing odds, only to be finally vanquished (Flaubert). The main character may find fulfillment in recollections of the past (Proust), explore the moral parameters of existence (Gide, Camus) or become the incapacitated anti-hero of Beckett's novels. Course taught in French
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 430 Mask & Reality in French Theater 3 Credits
A study of theater through the optic of a unifying theme: the mask and reality. The goal is to gain a greater appreciation of the art of dramatic illusion whereby actors, while wearing the masks of the characters they play, allow us to examine ourselves and reality in true, unmasked form. Playwrights to be studied will range from the classical theater of Racine and Corneille, through the modern avant-garde, existentialist and Theater of the Absurd works of such playwrights as Ionesco and Beckett. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 435 Self in French Prose & Poetry 3 Credits
Are we determining or pre-determined creatures? What is our essential nature? Is the quest for salvation justified? A study of the historical, political, and social realities in which the texts were composed will shed light on the concept of the self. Representative authors from the Renaissance to modern times will include: Montaigne, Descartes, Pascal, Montesquieu, Rousseau, Hugo, Baudelaire, Apollinaire, Sartre, Camus, Duras, Sarraute, Colette, de Beauvoir. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 440 A Quest for Identity: Francophone Literature and Culture 3 Credits
This course introduces the cultures of countries or regions where French is used either as the (or one of the) official language(s) or, in a less official capacity, by a segment of the population. In readings, discussions, songs, film viewings, and written assignments, students will experience the Francophone cultures of specific areas and the amazing diversity of the Francophone world. They will also explore the difficult relation of the Francophone countries with France. The course considers issues of social status, history, resistance, and identity. Counts toward major and minor requirements. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

FRE 491 Internship in Foreign Languages 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies, and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major.
Prerequisite(s): students should have completed at least one 300-level course in the foreign language.

FRE 496 Special Studies 3 Credits
Offered as needed to complement the program in French. A seminar open to a variety of topics treating a particular author, period, genre or critical approach.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

Game and Interactive Media Design

Overview

Students will learn to analyze, conceptualize and create video games and related components, such as animation, audio, non-linear stories, software interfaces, and user experience. All students complete courses in media theory, basic computer coding languages, visual art and design and general education courses. They will choose an emphasis in visual design, audio design, narrative design or a combination of the three. Culminating in a multi-disciplinary, year-long project, the degree will equip students with the skills, theoretical framework, and experience necessary to enter the gaming industry or pursue work in the related interactive media fields.

Degree Offered

- B.A. in Game and Interactive Media Design

Contact

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Associated Department: Department of Media Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/)

Related Programs:

- Graphic Design (p. 301)

Game and Interactive Media Design Program Requirements

(54 credits)

Courses with the **GAM** prefix required for this major build upon your growing knowledge and should be taken in the sequence displayed in the table below:

Code	Title	Credits
Required Courses:		
ART 150	Digital Foundations	3
ART 106	Survey of Art History II	3
COM 105	Communication, Culture and Media	3
COM 131 or FTV 135	Fundamentals of Video Production Filmmaking I	3
COM 302	Communication Ethics	3
GAM 100	Game & Interactive Media Forum	0
GAM 120	Intro to Game Logic	3
GAM 150	Intro to Game Studies	3
GAM 200	Game Design	3
GAM 201	Game Development I	3
GAM 290	G&IMD Portfolio Workshop	1
GAM 301	Game Development II	3
GAM 310	Special Topics in Game Design [1]	6
GAM 401	Game Workshop I	3
GAM 402	Game Workshop II	3
Elective Courses		

Select 12 credits from the following:		12
ART 103	Fundamentals of Drawing	
ART 230	Three-Dimensional Design	
ART 352	Motion Graphics	
ART 493	Special Topics in Studio Art	
CIS 200	Application Development with JavaScript	
CIS 325	User Experience Design	
COM 202	Color Theory	
COM 213	Typography	
COM 265	3D Graphic Animation	
COM 365	Graphic Animation	
COM 367	3D Graphic Animation II	
ENG 304	Creative Writing: Fiction	
ENG 312	Creative Writing: Screenwriting	
FMS 286	Writing Short Screenplays for Digital Cinema	
FTV 235	Filmmaking II	
FTV 221	Animation: History, Art, Industry & Culture	
FTV 236	The Aesthetics of Filmmaking	
FTV 238	Screenplay Fundamentals	
FTV 241	Sound Design	
FTV 435	Filmmaking III	
GAM 491	Internship in Game Design	
MUS 113	Popular Music Theory I	
MUS 213	Digital Composition of Popular Music	
MUS 220	Songwriting	
MUS 313	Digital Synthesis	
MUS 316	Digital Mixing and Mastering	
SPT 250	Introduction to the Business of Sports	
Total Credits		**55**

[1]

GAM 310 Special Topics in Game Design must be taken twice with different topics to meet the requirement.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
CIS 200	Application Development with JavaScript	3
COM 105	Communication, Culture and Media	3
GAM 200	Game Design	3
GAM 100	Game & Interactive Media Forum	0
ART 150	Digital Foundations	3
	Semester Credit Hours	**15**
Spring Semester		
GAM 100	Game & Interactive Media Forum	0
GAM 150	Intro to Game Studies	3
GAM Elective		3
COM 131 or FTV 135	Fundamentals of Video Production or Filmmaking I	3
ART 106	Survey of Art History II	3
CMP 125	Seminar in Writing and Research	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
GAM 100	Game & Interactive Media Forum	0
GAM 201	Game Development I	3
Minor/Free Elective		3
Three General Education Courses		9
	Semester Credit Hours	**15**
Spring Semester		
GAM 100	Game & Interactive Media Forum	0
GAM 301	Game Development II	3
COM 302	Communication Ethics	3
One Minor/Free Elective Course		3
Two General Education Courses		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
GAM 100	Game & Interactive Media Forum	0
GAM 310	Special Topics in Game Design	3
GAM Elective		3
Two General Education Courses		6
One Minor/Free Elective Course		3
	Semester Credit Hours	**15**
Spring Semester		
GAM 310	Special Topics in Game Design	3
GAM 100	Game & Interactive Media Forum	0
GAM Elective		3
Two General Education Courses		6
Two Minor/Free Elective Courses		6
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
GAM 401	Game Workshop I	3
GAM 100	Game & Interactive Media Forum	0
Four Minor/Free Elective Courses		12
	Semester Credit Hours	**15**
Spring Semester		
GAM 402	Game Workshop II	3
GAM 100	Game & Interactive Media Forum	0
GAM elective credits		3
Two Minor/Free Elective Courses		6
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

ART 103 Fundamentals of Drawing 3 Credits
An intensive study of drawing techniques in charcoal, pencil, and pen and ink.

ART 106 Survey of Art History II 3 Credits
The history of Western art, architecture, sculpture, painting from the Renaissance to the present, emphasizing the relation between the arts and ideas of each period.

ART 150 Digital Foundations 3 Credits
Industry standard digital tools are used to explore the basic concepts of composition, form, texture, value, and color in two-dimensional design. Further consideration of digital formats and technologies in the visual arts will be highlighted.

CIS 200 Application Development with JavaScript 3 Credits
In the early 1990s, Tim Berners-Lee created a set of technologies to allow information sharing at the CERN particle accelerator in Europe. These technologies dramatically changed the face of computing and became what we know today as the Web. Understanding how to develop and manage applications for the Web is a requirement for the information system professional. Because of the ease of development, deployment, maintenance and general scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using HTML and CCS, how to control user interaction with those pages using the JavaScript programming language. The programming basics of variable declaration and usage, program flow of control, function declaration and calling, and object usage and declaration will also be shown. The use of the JQuery Javascript library to ease the development of Web pages will also be shown.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

ENG 312 Creative Writing: Screenwriting 3 Credits
A workshop teaching and analyzing how students write for the screen, both television and film, that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for production. A portfolio of revisions will serve as a final for the course.

ENG 381 Studies in Film Genre 3 Credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology. Note: This course is cross-listed as FMS 381. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that genres studied will rotate.

FMS 286 Writing Short Screenplays for Digital Cinema 3 Credits
Writing Short Screenplays for Digital Cinema will focus solely on the creation of a short screenplay for digital film. The course will ask that students conceive of and execute a viably producible screenplay, shooting script, and industry pitch for the modern market.

FTV 135 Filmmaking I 3 Credits
Filmmaking I introduces students to basic film and television production theories, techniques, and applications. Students will gain competency in a number of production areas including composition, lighting, filmic storytelling, sound, production planning and editing. As well as gaining practical production experience, students will also be introduced to basic art theory in relation to composition and visual storytelling.

FTV 235 Filmmaking II 3 Credits
This course will build on the basic technical proficiency gained in COM 135 as applied to narrative filmmaking. Working as individuals and in groups, students will develop skills in narrative cinematic storytelling, and gain a basic proficiency in filmmaking theory, techniques and applications. Students will gain competency in a number of production areas including idea generation and scripting, production planning, cinematography, lighting, sound and editing.
Prerequisite(s): FTV 135 or COM 131.

FTV 236 The Aesthetics of Filmmaking 3 Credits
Introduces general students (other than FTV majors or FMS minors) to a greater appreciation of film art and the various generic and artistic approaches adopted by noteworthy filmmakers through the course of film history. Through film viewing, class discussion, readings, essay writing and creative responses, students will learn how formal choices in cinematography, production and sound design, screenwriting, and acting shape cinematic themes and atmosphere, while forging viewer identification and eliciting emotional response. Among readings will be those on introductory film theory, key works of film criticism, interviews with filmmakers, and scholarship on the aesthetics and ideological underpinnings within various film genres and in the work of selected filmmakers.

FTV 435 Filmmaking III 3 Credits
This is an intensive hands-on course in advanced digital filmmaking. Students will gain proficiencies in a number of filmmaking areas including production planning, aesthetics, scripting, script breakdown, camera movement, selecting and directing talent, creating scenes and sequences, visualizing action, establishing mood and conflict, as well as advanced lighting, sound and digital editing techniques. The students' use of high definition digital imaging systems as a medium for narrative cinematography will be developed and refined. In addition, students will explore how filmmaking techniques and technology can impact the visual storytelling process. Students will work cooperatively in groups, modeling the interdependent structure of professional film crews. Throughout the class, there will be an important integration of theory and practice which will enable students to produce meaningful film projects that will not only be technically effective, but strong in content and context as well.
Prerequisite(s): FTV 235.

GAM 100 Game & Interactive Media Forum 0 Credits
Game & Interactive Media Forum is a once-per-month gathering of all Game majors from across the university's different Colleges. The forum will be an opportunity for students focusing on different backgrounds to engage together in industry-related topics and skills.

GAM 150 Intro to Game Studies 3 Credits
Intro to Game Studies surveys the history of video games and gaming culture against the social and political contexts that shape and are shaped by games.

GAM 200 Game Design 3 Credits
Game Design introduces students to the basic concepts of game design, covering game rules, iterations, and playtesting. Students will work with hands-on material to develop design techniques and instincts outside of digital work spaces.

GAM 201 Game Development I 3 Credits
Game Development I introduces students to industry-standard software and the basics of user experience and collaborative game design.
Prerequisite(s): ART 150, CIS 200 and GAM 200.

GAM 301 Game Development II 3 Credits
Game Development II extends students' knowledge of industry-standard software, building on GAM 201 and progressing toward advanced concepts of user experience and collaborative game design.
Prerequisite(s): GAM 201.

GAM 310 Special Topics in Game Design 3 Credits
Special Topics in Game Design applies students' knowledge of game design and the development software that helps them realize their design toward specific prototyping goals. The subject of GAM 310 will rotate each semester; GAM majors must complete two semesters of 310 without duplicating topics.
Prerequisite(s): GAM 200.

GAM 330 Soundtracks and Foley 3 Credits
Soundtracks and Foley covers dialog, music, and foley in filmic settings, with a specific focus on game environments.
Prerequisite(s): MUS 216.

GAM 401 Game Workshop I 3 Credits
Game Workshop I places students in multidisciplinary project teams. Each team will create a game prototype over the course of the semester that demonstrates each student's mastery of their area of specialization and the team's ability to work together.
Prerequisite(s): GAM 301.

GAM 402 Game Workshop II 3 Credits
Game Workshop II places students in multidisciplinary project teams and builds on skills developed in Game Workshop I.
Prerequisite(s): GAM 310.

GAM 491 Internship in Game Design 3-6 Credits
Internship in Game Design places students in industry work environments, overseen by a site supervisor.
Prerequisite(s): GAM 310.

MUS 113 Popular Music Theory I 3 Credits
Popular Music Theory I covers basic elements of music, including the reading of music notation in traditional formats as well as in audio wave form and in the visualization of standard Digital Audio Workstations. Practice in scales and chords; ear-training in rhythm, pitch, and timbre. Techniques may be applied to the student's own instrument (e.g., guitar, piano, voice)
Corequisite(s): MUS 113L.

MUS 213 Digital Composition of Popular Music 3 Credits
This course is an introduction to making music in a Digital Audio Workstation (DAW). Students learn software techniques by composing in multiple genre styles.

MUS 220 Songwriting 3 Credits
The Songwriting course is an introduction to songwriting in popular music styles. Students will learn to compose music by themselves and collaboratively. This course will develop comprehensive musicianship and compositional techniques, as well as further software skill development.
Prerequisite(s): MUS 113.

MUS 313 Digital Synthesis 3 Credits
This course continues with the software composition techniques begun in MUS 213. Students will create their own sounds through digital synthesis and incorporate those sounds into music composed in a variety of genre styles.
Prerequisite(s): MUS 213.

MUS 316 Digital Mixing and Mastering 3 Credits
Digital Mixing and Mastering is a practical skills class focusing on post-production skills in software interfaces. Students will learn how to work with multiple editing softwares and plug-in tools to achieve balanced, lively, professional mixes.
Prerequisite(s): MUS 216.

Gender and Sexuality Studies

Program Overview

The minor in gender and sexuality studies allows students to explore the complex interactions among race, class, ethnicity, gender, and sexuality. Courses consider current debates on some of the key issues such as reproductive rights, LGBTQ+ rights, and sex and gender in work, health, communication, and law. Students in this minor will benefit by furthering their understanding of how gender, race, class, ethnicity, and sexuality affect politics, economics, and the way that individuals think and act. The minor may be used as a complement to a degree in business, liberal arts, and the arts.

The Certificate in Gender and Sexuality Studies will include similar topics, including issues like pay equity, gender equality, and human rights, all of which are relevant in today's workplace and in our everyday lives. Individuals in fields as varied as law, medicine, social work, business, journalism, education, and the creative arts can benefit from and provide workplace leadership on their understanding of the roles gender and sexuality play in local and global society.

Degree Offered

- Minor in Gender and Sexuality Studies

Certificate Offered

- Certificate in Gender and Sexuality Studies

Contact

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Program Website: Gender and Sexuality Studies (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/liberal-arts-programs/gender-sexuality-studies/)

Related Programs

- Baccalaureate Honors (p. 12)
- Biology (p. 83)
- Communication Studies (p. 114)
- Chinese (p. 110)
- Criminal Justice (p. 132)
- English (p. 227)
- History (p. 323)
- Management and Leadership (p. 372)
- Multicultural Studies (p. 403)
- Philosophy (p. 442)
- Popular Music Studies (p. 459)
- Political Science (p. 449)
- Psychology (p. 461)
- Sociology (p. 518)
- Spanish (p. 527)

Gender Studies Minor Requirements

(18 credits)

Code	Title	Credits
Required courses:		**6**
GSS 200	Introduction to Women's Studies	
GSS 400	Seminar in Transcultural Gender and Sexuality	
Select four courses below, at least two of which must have GSS prefixes:		**12**
GSS 100	Introduction to Gender Studies	
GSS 110	Race, Class and Gender in Contemporary American Society	
GSS 230	Women In Literature	
GSS 235	Current Feminist Issues	
GSS 240	Sex and Human Nature	
GSS 245	Popular Constructions of Gender and Sexuality	
GSS 300	Feminist Literary Criticism	
GSS 309	Women in American History	

GSS 310	Special Topics
GSS 312	Gender, War and Peace
GSS 313	Gender and Ethics
GSS 318	Gender and Communication
GSS 319	Gender and Sexuality in American History
GSS 320	Sex, Gender, and Fairy Tales
GSS 322	Witch Hunts: Femicide Through Centuries
GSS 333	Gender and Sport
GSS 350	Leadership and Community
GSS 375	Transgender Narratives
GSS 490	Independent Study: Research and Creative Expression
GSS 491	Internship
CHI 307	Images of Women in Chinese Literature and Film
ENG 350	Sex and Sin in Early American Literature
ENG 375	Literature and Sexuality
HIS 249	Women in Europe from Antiquity to the French Revolution
HIS 309	Women in American History
HIS 342	Women in East Asia
MCS 110	Race, Class and Gender in Contemporary American Society
MGT 320	Managing Workforce Diversity
PHL 230	Philosophy of the Sexes
POL 280	Sex & Gender in International Politics
POL 281	Sex & Gender in U.S. Politics
PSY 118	Psychology of Women
PSY 374	Psychology of the Family
PSY 381	Psychology of Gender
SOC 205	Families
SOC 304	Women and Law
SOC 312	Women in Society
SOC 316	Feminist Social Thought
Total Credits	**18**

Gender and Sexuality Studies Certificate Requirements

(12 credits)

Code	Title	Credits
Required Course:		
GSS 100	Introduction to Gender Studies	3
or GSS 200	Introduction to Women's Studies	
Select three courses from the list below, at least two of which must have GSS prefixes:		**9**
GSS 110/MCS 110	Race, Class and Gender in Contemporary American Society	
GSS 230	Women In Literature	
GSS 235	Current Feminist Issues	
GSS 240	Sex and Human Nature	
GSS 245	Popular Constructions of Gender and Sexuality	
GSS 300	Feminist Literary Criticism	
GSS 309	Women in American History	
GSS 310	Special Topics	
GSS 312	Gender, War and Peace	
GSS 313	Gender and Ethics	
GSS 318	Gender and Communication	
GSS 319	Gender and Sexuality in American History	
GSS 320	Sex, Gender, and Fairy Tales	
GSS 322	Witch Hunts: Femicide Through Centuries	
GSS 333	Gender and Sport	
GSS 350	Leadership and Community	
GSS 375	Transgender Narratives	
GSS 400	Seminar in Transcultural Gender and Sexuality	
GSS 490	Independent Study: Research and Creative Expression	
GSS 491	Internship	
CHI 307	Images of Women in Chinese Literature and Film	
ENG 350	Sex and Sin in Early American Literature	
ENG 375	Literature and Sexuality	
HIS 249	Women in Europe from Antiquity to the French Revolution	
HIS 309	Women in American History	
HIS 342	Women in East Asia	
MGT 320	Managing Workforce Diversity	
PHL 230	Philosophy of the Sexes	
POL 280	Sex & Gender in International Politics	
PSY 118	Psychology of Women	
PSY 374	Psychology of the Family	
PSY 381	Psychology of Gender	
SOC 205	Families	
SOC 304	Women and Law	
SOC 312	Women in Society	
SOC 316	Feminist Social Thought	
Additional Requirement for Certificate Completion:		
A 4-page reflection paper will be required for completion of the certificate which will relate course work to either the student's academic experience or their professional experience.		
Total Credits		**12**

Courses and Descriptions

CHI 307 Images of Women in Chinese Literature and Film 3 Credits
This course will introduce students to the (change of) status of women in China through literature and film. Students will explore the rich Chinese literary traditions and examine how the images of women are represented by both male and female writers/directors in fiction and film of different historical periods. In the process of such exploration and examination, students will also examine how the literary movements and their historical, social, cultural and political contexts shape, and are shaped by, each other. They will learn to understand how diverse the experiences of Chinese women are. While students will be exposed to both classic and modern/contemporary literary traditions, the focus will be on the latter, such as May 4th New Culture Movement, Maoist revolutionary literature, (Post-Mao) Wound/Scar Literature, Root-Searching Literature, etc. Classes are in English.

ENG 350 Sex and Sin in Early American Literature 3 Credits
A seminar on literature in the United States from its beginnings to 1800, emphasizing the changing and conflicted nature of religious beliefs and sexual identities in Early America. Students will read and analyze diverse literary genres including diaries, letters, essays, novels, short stories, poems, and sermons.

ENG 375 Literature and Sexuality 3 Credits
The study and application of theories of gender and sexuality in various periods of British and/or American literature. Possible course topics include the literature of AIDS, the literary history of sexuality, Gothic literature and sexuality, colonialism and desire, and sensibility and sexuality in the later 18th century.

GSS 100 Introduction to Gender Studies 3 Credits
An introduction to the role of gender in human experience, examining the biological, historical, literary, artistic, and institutional manifestations of gender, and exploring the intersections of gender, sex, and sexuality.

GSS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with MCS 110. Students may only get credit for one course: MCS 110 or GSS 110.

GSS 200 Introduction to Women's Studies 3 Credits
An interdisciplinary investigation of traditional and contemporary gender roles, and of women's status, identity, and potential. Required for minor.

GSS 230 Women In Literature 3 Credits
A range of literary presentations of the female experience and of the conditions of women's lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions. Cross-listed with ENG 230.

GSS 235 Current Feminist Issues 3 Credits
This course examines historical and contemporary debates about controversial issues involving women, gender, and equality. The course will highlight feminist concerns with race, class, sexuality, and gender norms, focusing broadly on society, culture, the economy, politics, and law. Students will learn to contextualize, analyze, and evaluate arguments on multiple sides of these controversies.

GSS 240 Sex and Human Nature 3 Credits
This course provides an introduction to the scientific study of human sexual behavior, mate choice, and reproduction. Questions of interest include: How is sex determined? How are males, females, and intersex individuals different biologically? How do individuals' sexual strategies tend to differ? Why do we experience sexual jealousy? Are humans actually evolved to form long-term pair-bonds? What determines sexual orientation? Answers to these questions will be considered in light of the reproductive science of humans and our evolutionary ancestors.

GSS 245 Popular Constructions of Gender and Sexuality 3 Credits
This course takes an interdisciplinary approach to investigate the constructs that society creates and maintains with relation to sexuality and gender. As we are increasingly confronted with images of gender and sexuality, it becomes vital to interrogate the origins of these images from a variety of disciplinary perspectives in order to analyze and critique these constructs. Students will be introduced to theoretical approaches to analyzing popular constructs of gender and sexuality from a variety of areas, including (but not limited to) the humanities, the physical sciences, and the social sciences.

GSS 300 Feminist Literary Criticism 3 Credits
This seminar explores the diversity within feminist literary analysis. Various national, ethnic and cultural standpoints are represented and the different as well as the common assumptions within feminist thought will be discussed.

GSS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

GSS 310 Special Topics 3 Credits
Studies in specialized areas of feminist scholarship. Topics change according to instructor and are listed in the course roster.
Prerequisite: one previous course in gender and sexuality studies or permission of instructor.

GSS 312 Gender, War and Peace 3 Credits
Through readings in literature, history, political science, philosophy, and psychology, the course will explore critically the myths linking feminine gender with pacifism and masculine gender with aggression. Various perspectives on peace and war, the history of peace movements, and women's as well as men's participation in war will be considered.

GSS 313 Gender and Ethics 3 Credits
An interdisciplinary seminar involving a concentrated study of recent works in feminist theory, with special attention to issues such as: Do men and women have different ethical perspectives and different styles of moral reasoning? How do the "ethics of care" differ from the traditional "ethics of justice?" Can the models of justice and care be integrated into a more comprehensive theory?.

GSS 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

GSS 319 Gender and Sexuality in American History 3 Credits
What makes a man, exactly, and what makes a woman? What kinds of sex are normal, and what kinds are abnormal? Who decides, and why? The answers to these questions are not fixed. Throughout American history, popular understandings of gender and sexual norms evolved in close relationship with the political, economic, racial, and social dictates of the time. This course will trace the evolution of ideas on sec and gender from the 18th century to the present using various historical sources including fiction and film, particular attention will be given to analyzing dominant models of proper behavior and the complex relationships of power enmeshed within them.

GSS 320 Sex, Gender, and Fairy Tales 3 Credits
From the early literary fairy tale by Italian authors, to 17th-century French women writers who named and popularized the genre, to the 18th- and 19th-century stories geared toward children, to Disney and beyond, students will analyze fairy tales to see what they tell us about gender and sexuality historically and today. Students will read classic fairy tales from around the world and look at feminist and queer retellings, examining how fairy tale themes and motifs permeate our culture.
Prerequisites: CMP 125 or BHP 150.

GSS 322 Witch Hunts: Femicide Through Centuries 3 Credits
We will look at the perceived definitions of "witch" and "witchcraft" in relation to establishing medieval to modern gender codes. Our detailed study of perceptions of witches and their practices will reveal the power dynamics, social constructions and definitions that aided in the demise of countless women labeled as "witches" throughout history. Considerable time will be spent in exploring the internal controversy within the field of witchcraft studies regarding the use of words such as "genocide," "femicide," and "gendercide.".

GSS 333 Gender and Sport 3 Credits
Typical thoughts of sport include ticket prices, player salaries, team rosters, and league standings; rarely is it viewed from a gender perspective. This course will go beyond the examination of Title IX to better understand the relationship between masculinity, femininity and sports. This course will examine various aspects of gender and sport, including media and gender representation, race and ethnicity, drugs and violence, men and masculinities, sexualities, policy and politics, the feminist critique of sport, the initiation rites and hazing in college sports, sports wagering, and the internationalization of sport, including but not limited to the Olympics and Paralympics.

GSS 350 Leadership and Community 3 Credits
Designed for all students whose future plans include community service, organizing, and leadership, this course will study organizing in response to domestic violence, discrimination on the basis of gender and sexuality, sexual harassment, and other issues that are significant for women and/or the LGBTQ community. Building coalitions, skills for leadership, and strategies for effective organization will be covered in readings and in class discussions and students will practice what they have learned by volunteering in a local nonprofit organization.

GSS 375 Transgender Narratives 3 Credits
An introduction for Gender and Sexuality Studies minors and other interested students to the interdisciplinary field of transgender studies. Students will learn to distinguish between transsexual, transgender, transvestite, and intersex identities; to explore cross-cultural gender diversity; to recognize diverse subcultural expressions of gender, such as cross-dressing, camp, and drag; to identify long-standing stereotypes about trans people; and to understand trans people's narratives about hormonal or surgical gender transition through literary and multimedia genres.

GSS 400 Seminar in Transcultural Gender and Sexuality 3 Credits
This seminar offers an opportunity for upper-level students to engage in a multidisciplinary study of the constructions of gender and sexuality in a variety of cultural contexts across the globe. Topics change according to instructor. Required for minor.
Prerequisite(s): Junior or senior standing.

GSS 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

GSS 491 Internship 1-4 Credits

HIS 249 Women in Europe from Antiquity to the French Revolution 3 Credits
Traces the history of women in Europe from Rome to the French Revolution, covering the religious, social, political, and economic context in which women participated. Also offers a brief overview of theories and issues in women's history and gender history.

HIS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

HIS 342 Women in East Asia 3 Credits
Treats the history of the relationship between women and society in traditional East Asia and the modern transformation of their relationship.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 280 Sex & Gender in International Politics 3 Credits
What's a student of political science, International Relations (IR), or another social science field to do about feminism? This is a question that has troubled IR for decades. While feminist debates engaged people in spaces outside the disciplines of political science and particularly IR, IR scholars did their best not to see the relevance of feminism for their own debates. That did not stop some feminists from rethinking key IR concepts like power, race and the state, but such contributions were largely ignored by IR scholars until very recently. It was only in the last decades, when feminist questions pushed their way onto the IR agenda through books, journals, and conferences, that feminism suddenly seemed attractive to IR scholars. Designed as an interdisciplinary course with a strong reference to Global and International Politics, this course will provide a basic introduction to some of the major global questions as seen through a feminist lens.

PSY 118 Psychology of Women 3 Credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 304 Women and Law 3 Credits
Explores the social, economic, political and cultural context of laws relating to women and gender, such as workplace discrimination, divorce and child custody and reproductive rights. It examines how such laws have changed historically and the impact such laws have had on women as well as on men and on American social institutions, such as the family, politics, and the workplace. The course also examines women in the legal profession and their impact on the practice of law and legal reasoning.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 316 Feminist Social Thought 3 Credits
An introduction to feminist social theory, with emphasis on its breadth and variety. Special attention paid to the ways feminist theorists have analyzed the relationship of gender to other kinds of group differences.
Prerequisite(s): SOC 101.

Geology

Program Overview

The Geology major prepares students for meaningful and productive post-baccalaureate employment and/or admission to high-quality graduate programs. The program incorporates a broad and challenging curriculum, which emphasizes and investigates many of the important geologic sub-disciplines including rock-forming mechanisms and controls, deformational and tectonic processes, the weathering and erosion of geologic materials, the transport and deposition of derived sediments and the physical and biological history of Earth.

Curriculum Overview

The curriculum for this major focuses on the interdisciplinary nature of geology by offering a broad and challenging selection of courses including geology, chemistry, and physics. Upper-level courses address the essential sub-disciplines of geology to prepare students for graduate study as well as employment opportunities. All geology students will participate in extensive laboratory and fieldwork in their courses, allowing students to apply their conceptual and technical skills learning. In the third or fourth year of study, all students attend an approved, senior-level geology field camp where they learn additional fundamental field, technical, and mapping skills, and how to professionally apply and integrate what they learn in their individual courses to complex, real-world geologic problems. Geology students are encouraged to take advantage of the many opportunities to engage in independent research in collaboration with the GEMS faculty.

Student Learning Outcomes

Graduates of the geology major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in geology.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Geology

Graduation with honors in Geology is awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the program is by invitation from the faculty of the Department of Earth and Chemical Sciences. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degree Offered

- B.S. in Geology

Contact

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Department Website: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/geo-environmental-marine-sciences/)

Related Programs:

- Earth and Environmental Sciences (p. 195)
- Earth Sciences (p. 198) (for Secondary Education majors)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Marine Sciences (p. 380)

Geology Major Requirements

(64-65 credits)

Code	Title	Credits
Geological, Environmental, and Marine Sciences		
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 205	Introduction to Geographic Information Systems	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	4
GEO 310 & 310L	Structural Geology and Structural Geology Lab	4
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	4
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	4
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	4
Approved geology field camp (not offered at Rider with a minimum of 3 credits)		3
Chemistry		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Physics		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
Mathematics		
Select one of the following:		
MTH 105	Algebra and Trigonometry	4
or MTH 210	Calculus I	
Electives		
Select two of the following:		6-7
ENV 220	Weather and Climate Change	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 168	Mesozoic Ruling Reptiles	
MAR 340	Marine Processes and Environments: Seminar	
Total Credits		**64-65**

Notes:

1. A minor in chemistry, physics, or marine sciences is strongly recommended.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MTH 105	Algebra and Trigonometry [1]	4
HIS 150	World History to 1500	3
	Semester Credit Hours	**14**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1

HIS 151	World History Since 1500	3
Social Perspective Course		3
Foreign Language		3
	Semester Credit Hours	**16**

Year 2

Fall Semester

CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	4
Foreign Language		3
	Semester Credit Hours	**15**

Spring Semester

CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Select one of the following:		**3-4**
ENV 220	Weather and Climate Change	
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
Philosophical Perspectives Course		3
Aesthetic Perspectives: Literature Course		3
Aesthetic Perspectives: Fine Arts Course		3
	Semester Credit Hours	**16-17**

Year 3

Fall Semester

PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
ENV 205	Introduction to Geographic Information Systems	3
Select one of the following:		**3**
MAR 340	Marine Processes and Environments: Seminar	
GEO 168	Mesozoic Ruling Reptiles	
Social Perspectives Course		3
One Elective Course [2]		3
	Semester Credit Hours	**16**

Spring Semester

Select two of the following:		**8**
GEO 310 & 310L	Structural Geology and Structural Geology Lab	
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
HIS 151	World History Since 1500	3
One Elective Course		3
	Semester Credit Hours	**14**

Summer Semester

Attendance at an approved Geology Field Camp		3-6
	Semester Credit Hours	**3-6**

Year 4

Fall Semester

GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
GEO 308 & 308L	Mineralogy and Petrology and Mineralogy and Petrology Lab	4
Two Elective Courses [2]		6
	Semester Credit Hours	**14**

Spring Semester

Select one of the following:		4
GEO 350 & 350L	Soil and Surficial Processes and Soil and Surficial Processes Lab	
GEO 407 & 407L	Hydrology and Water Resources and Hydrology and Water Resources Lab	
Three Elective Courses [2]		9
	Semester Credit Hours	**13**
	Total Credit Hours for Graduation	**121-125**

Courses and Descriptions

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 168 Mesozoic Ruling Reptiles 3 Credits
This course provides an introduction to the vertebrate groups that dominated the land (Dinosaurs), the seas (Mosasaurs, Plesiosaurs, Pliosaurs, Tylosaurs, and Ichthyosaurs) and the skies (Pterosaurs, Pterdactyls) during the Mesozoic Era (65-250 million years ago). Students study the diversity of skeletal architectures and their reconstructed function and the often controversial, inferred anatomy, physiology, reproductive strategy, habit, and social behaviors of these animals that are different from mainstream reptiles, birds, and mammals. They also learn about the paleogeographical, and paleoclimatological conditions that facilitated the evolutionary rise to dominance and diversification of these vertebrate groups and the debated causes of their eventual extinction. These topics also serve to illustrate how the scientific approach works and how competing hypotheses are evaluated. Three hours of lecture per week. Weekend field trips may be required.. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 308 Mineralogy and Petrology 4 Credits
This course examines the origin, evolution, and distribution of igneous and metamorphic rocks based on mineralogy, chemistry, and tectonic relationships. Mineral content and rock texture are used to identify and classify igneous and metamorphic rocks. The physical and chemical properties of these rocks are used to understand their tectonic setting, process of formation, and pressure-temperature conditions.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 308L Mineralogy and Petrology Lab 0 Credits
This is the laboratory course that accompanies GEO 308. Laboratory work consists of the identification of mineral and rock hand specimens. Microscopic analyses include the identification and interpretation of optical properties of minerals and rock textures. Field trips provide opportunities for students to examine outcrops of igneous and metamorphic rocks.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 310 Structural Geology 4 Credits
The origin, distinguishing characteristics, and geographic distribution of deformational structures of the Earth's crust. In the laboratory, GPS, GIS, geologic maps, and three-dimensional problems are used in the study of typical surface and subsurface geologic problems. Three hours of lecture and one three-hour lab per week. Weekday and/or weekend field trips may be required. Prerequisite(s): GEO 100 or GEO 113, GEO 102.
Corequisite(s): GEO 310L.

GEO 310L Structural Geology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 310.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

MAR 120 Oceanography 3 Credits
In this course, students will investigate the geological, chemical, physical, and biological processes that shape the ocean. Emphasis will be placed on how these processes interact with each other and with human populations. These interactions influence important global phenomena that impact all our lives, including weather and climate, the distribution of marine organisms and other natural resources, and coastal processes. Understanding these phenomena will enable students to make more informed decisions and contribute to serious global marine issues. Students will learn through a combination of hands-on exercises designed to foster a deeper understanding of the scientific content as well as the scientific process, practical experiences with real data, readings, and some lectures. CLAS general education areas addressed: DP & GP.

MAR 121 Introductory Oceanography Lab 1 Credits
This lab course introduces students to the fundamental aspects of geological, chemical, physical and biological oceanography. Students learn through inquiry-based, hands-on exercises and activities using actual data collected in the lab and in the field. Independent projects and local field trips during lab and on weekends may be required. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): MAR 120 or GLS 120 or as prerequisite(s).

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 210L Marine Life through Time Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequisite(s): MAR 210.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 340 Marine Processes and Environments: Seminar 3 Credits
This course is designed as a seminar course. Therefore, students will learn to lead class discussions, to analyze and critique peer-reviewed journal articles, and to enhance their presentation skills. Students will interpret graphical, spatial, and numerical data to support their positions. Content will emphasize the interactions among marine processes, biological features, and geologic landforms.
Prerequisite(s): MAR 120 or GEO 100; GEO 306.

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212.
Corequisite(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week.
Corequisite(s): PHY 100.

Graphic Design

Program Overview

Graphic design majors gain experience and develop skills in the field of visual communication. Through a blend of coursework and hands-on experience in digital studios and labs, students learn to become critical thinkers and creative designers. The program prepares them to successfully design graphics for branding, such as logos, and for professional publications such as brochures, magazines and newsletters. In their capstone courses, students have the opportunity to manage projects with real clients and create professional portfolios.

Students often work one-on-one with distinguished faculty who have extensive scholarly knowledge and professional experience in their fields of expertise. Student media organizations include the Graphic Design Club (https://linktr.ee/ridergraphicdesign/), the Public Relations Student Society of America (https://instagram.com/prssarider/), and award-winning media including The Rider News (https://www.theridernews.com), 107.7 The Bronc (https://www.1077thebronc.com) radio station, and Rider University Network R.U.N. TV (http://runetwork.weebly.com), each of which gives students a chance to practice their profession right on campus.

A thriving internship and co-op program routinely offers academic credit and professional experience in a number of prestigious locations.

Curriculum Overview

Classes in the graphic design major include color theory, typography, graphic imaging for digital media, history and principles of graphic design, digital publication design, writing for the professions, photography, project management, and advanced publication design and portfolio.

Recommended courses include art and society, drawing, fundamentals of painting, printmaking, web design, 3D graphic animation, and others.

Degree Offered

- B.A. in Graphic Design
- Minor in Graphic Design

Contact

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Program Website: Graphic Design (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/graphic-design/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs:

- Web Design (p. 561)
- Social Media Strategies (p. 512)
- Game & Interactive Media Design (p. 280)
- Public Relations (p. 482)
- Communication Studies (p. 114)
- Journalism (p. 346)

- Radio and Podcasting (p. 493)
- Sports Media (p. 538)

Graphic Design Major Requirements

(48 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core		**21**
COM 105	Communication, Culture and Media	
COM 106	Writing for the Communication Professions	
COM 131	Fundamentals of Video Production	
COM 204	Advanced Speech Communication	
COM 264	Digital Media: Theory and Practice	
COM 301	Communication Law	
COM 302	Communication Ethics	
Graphic Design Major		**27**
COM 202	Color Theory	
COM 212	Digital Publication Design	
COM 213	Typography	
COM 262	Graphic Imaging for Digital Media	
COM 263	History and Principles of Graphic Design	
COM 360	Advanced Publication Design and Presentation	
COM 361	Photography	
COM 366	Project Management in Graphic Design	
COM 462	Advanced Graphic Design and Portfolio	
Recommended courses:		
ART 103	Fundamentals of Drawing	
ART 120	Art and Society	
ART 204	Fundamentals of Painting	
ART 230	Three-Dimensional Design	
ART 304	Drawing II	
ART 305	Intermediate Painting A-B-C	
ART 335	Printmaking	
COM 261	Introduction to Web Design	
COM 265	3D Graphic Animation	
COM 363	Converging Digital Media	
COM 364	Web Design II	
COM 365	Graphic Animation	
COM 460	Web Design III	
Total Credits		**48**

Notes:

1. Students may not carry a double major within the department. Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.
2. If a student receives a grade lower than "C" in a course required in a major or minor within the department, the student must repeat the course. Credit will only be awarded once for a course that is repeatable. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Graphic Design Minor Requirements

(18 credits)

Code	Title	Credits
COM 212	Digital Publication Design	3
COM 262	Graphic Imaging for Digital Media	3
or COM 361	Photography	
COM 263	History and Principles of Graphic Design	3
COM 360	Advanced Publication Design and Presentation	3
COM 366	Project Management in Graphic Design	3
COM 462	Advanced Graphic Design and Portfolio	3
Total Credits		**18**

Notes:

1. Communication and Journalism majors may declare only one minor in the department. No more than two courses may be used to met the requirements for both a major and a minor in the department.

   Exception: If a student elects the Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor within the department.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 105	Communication, Culture and Media	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
Social Perspectives		3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 263	History and Principles of Graphic Design	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language		3

Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 202	Color Theory	3
COM 212	Digital Publication Design	3
COM 264	Digital Media: Theory and Practice	3
Aesthethic Perspectives: Literature		3
Philosophical Perspectives		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 106	Writing for the Communication Professions	3
COM 204	Advanced Speech Communication	3
COM 213	Typography	3
COM 262	Graphic Imaging for Digital Media	3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 301	Communication Law	3
COM 360	Advanced Publication Design and Presentation	3
COM 361	Photography	3
Elective Course Credits		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 366	Project Management in Graphic Design	3
Elective Course Credits		9
	Semester Credit Hours	**15**
Spring Semester		
COM 462	Advanced Graphic Design and Portfolio	3
Elective Course Credits		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance -- that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/ instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements. **Prerequisite**(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Health Communication

Program Overview

There is an increasing need for greater awareness and knowledge of health communication. Health care reform, end-of-life care, and pharmaceutical marketing are just a few of the issues facing the nation that are dependent upon the ability to engage in productive, meaningful health communication. Effective health communication can directly impact local communities and personal lives. The individuals who participate in health care delivery, such as nurses, patient advocates, family members, health administrators, and physicians, are increasingly being asked to communicate and collaborate more efficiently with colleagues, exchange information with patients, and address multiple audiences about health care.

A minor in health communication allows students to analyze different health contexts and accommodate increasingly diverse populations. Students can also learn about a symbiotic patient-provider relationship and the impact of technology in health care.

The health communication minor includes a curriculum of theory, research and application, focusing on health issues in the interpersonal, organizational, public, and mass-mediated contexts. The study of health communication can contribute to health promotion in areas such as patient-family communication, public health messages and campaigns, health in mass media, public health, and technology and health. This minor is designed to be a program for students from a wide variety of majors who may seek careers within health fields.

Degree Offered

- Minor in Health Communication

Contact

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Professor and Chair
Department of Communication, Journalism and Media
School of Communication, Media and Performing Arts
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Program Website: Health Communication (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/health-communication-minor/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/

college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Journalism (p. 346)
- Public Relations (p. 482)
- Health Care Management (p. 314)
- Allied Health Studies (p. 32)
- Health Sciences (p. 319)

Health Communication Minor Requirements

(25 credits)

Code	Title	Credits
Any course in life science (such as BIO 106 Life Science: Human Disease)		3
COM 251	Interpersonal Communication	3
COM 254	Intro to Health Communication	3
HTH 205	Introduction to Health Care	3
COM 312	Special Topics in Journalistic Writing	3
Select two of the following:		6
BIO 206	The Pharmaceutical Industry	
HTH 215	Population Health Care Management	
PHL 304	Medical Ethics	
HTH 315/BUS 315	Health Care Law, Ethics and Policy	
HTH 336/ECO 336	Economics of Health Care System	
GLS 325	Global Perspectives on Health and Illness	
MKT 380	Health Care Marketing	
Select one of the following:		4
COM 490	Independent Study: Research and Creative Expression	
COM 491	Internship in Communication	
BIO 490	Independent Study: Research and Creative Expression	
BIO 491	Internship in Biology	
Total Credits		**25**

Coures and Descriptions

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BIO 491 Internship in Biology 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation. 2.5 GPA required.
Prerequisite(s): Permission of the instructor.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

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Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

GLS 325 Global Perspectives on Health and Illness 3 Credits
Explores the different international perspectives on health and illness. Themes include how men, women, and children in respective civilizations are treated and viewed within their communities or nations, as they become ill. Particular attention is given to the contrast between various types of traditional healing and Western medical practices, and their interactions. Discussions will also compare the usefulness of national versus international health agencies in dealing with global health problems.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

Health Sciences

Program Overview

The Health Sciences major educates the next generation of health professionals by providing students with a foundation in the life sciences and other coursework, preparing them to join the workforce or to attend professional or graduate schools in health-related fields. Rider achieves this through small class and laboratory sizes allowing direct, hands-on instruction, and faculty accessibility. Students also have opportunities to do research with faculty via work study or independent study. Each student is assigned a faculty advisor who provides academic advice and career guidance tailored to the student's needs. The program is designed to provide a strong foundation in its curriculum while allowing flexibility for subsequent studies in allied health programs such as physical therapy, athletic training, occupational therapy, nursing, radiological science, optometry, podiatry, epidemiology and public health. It prepares students for graduate studies leading to advanced degrees in the life sciences; and for entry-level positions in hospitals, health insurance, pharmaceutical sales, community health agencies and other related areas.

Graduates of the health sciences program have pursued their professional or graduate studies at prestigious institutions such as Rutgers University, Moravian University, Emory University, University of Utah, NY College of Medicine, Thomas Jefferson University, Widener University, among others.

Curriculum Overview

The curriculum for Health Sciences majors is structured to prepare students for a life of learning in the sciences. Students are expected to master content, develop technical skills, analytical skills and competency in oral and written communication. Foundational courses in biology, chemistry, mathematics and psychology prepare students for the rigor of upper-level science and math courses, complemented by a broad base of health-related coursework in other disciplines. Capstone experiences allow students to explore one area of the life sciences in depth through internships and seminars, as well as opportunities to engage in independent research with Rider's science faculty. Students also have the opportunity to take part in a three-week internship course through the Capital Health System Hospitals.

Student Learning Outcomes

Graduates of the Health Sciences major will be able to:

1. Explain foundational concepts in biological sciences.
2. Apply scientific methods of inquiry through testing of newly formed hypotheses with observation and experimentation.
3. Apply concepts from other disciplines in the analysis and interpretation of biological information.

4. Demonstrate the ability to locate, critically analyze, and communicate relevant scientific information.
5. Explain the ethical practice of scientific research and its societal applications.

Honors Programs

Honors in Health Sciences

The objective of the honors program in health sciences is to introduce talented undergraduate majors to the methods of basic research in the biological sciences. For consideration a student must have a 3.25 average at the end of their junior year. In the senior year, participating students must complete an independent research project and present a written honors thesis. At graduation, a student who has a 3.25 cumulative average, a 3.5 average in health sciences coursework, and who has completed an acceptable honors thesis will be awarded Honors in Health Sciences.

Beta Beta Beta Biological Honor Society

"Tri-Beta" is a national honor society affiliated with the American Association for Advancement of Science and the American Institute of Biological Sciences. Invitations for membership are extended to majors in the life sciences who have demonstrated superior academic achievement. Students are usually invited to join in their sophomore year when they have accumulated 12 credits in the sciences. Active membership is available to those with an overall grade point average of at least 2.8, and at least 3.0 in their science courses. The benefits of membership include academic recognition; a subscription to the journal *Bios*, to which members may submit research articles; opportunities to present papers at conventions; and research awards. Biology and behavioral neuroscience majors should make membership in *Tri-Beta* one of their goals.

Degree Offered

- B.S. in Health Science

Contact

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School of Science, Technology and Mathematics
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Program Website: Health Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/health-sciences/)

Associated Department: Health Sciences & Nursing

Related Programs

- Behavioral Neuroscience (p. 49)
- Biochemistry (p. 79)
- Biology (p. 83)
- Chemistry (p. 104)
- Environmental Sciences (p. 246)
- Exercise Science (p. 263)
- Marine Sciences (p. 380)
- Mathematics (p. 399)

Requirements for the Major

Course Repeat Policy (p. 322)
(64-68 credits)

Code	Title	Credits
Biology		**16**
Complete the following courses:		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab [1]	
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab [1]	
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	
Chemistry		**8**
Complete one of the following course sequences:		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	
OR		
CHE 110 & 110L	Survey of General Chemistry and Survey of Gen Chemistry Lab	
CHE 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Lab	
Mathematics		**8-10**
Complete the following courses:		
MTH 105	Algebra and Trigonometry [2,3]	
BNS 250 & 250L	Biostatistics and Biostatistics Lab	
or PSY 105 & PSY 201	Introduction to Research in Psychology and Statistics and Research Design	
Psychology		**6**
Complete the following courses:		
PSY 100	Introduction to Psychology	
PSY 345	Health Psychology	
Category 1 Electives		**6-8**
Select two or more of the following courses:		
BCH 225 & 225L	Introduction to Organic and Biochemistry and Introduction to Organic & Biochemistry Lab [4]	
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	
or PHY 200 & 200L	General Physics I and General Physics I Lab	
PHY 101 & 101L	Principles of Physics II and Principles of Physics II Lab	
or PHY 201 & 201L	General Physics II and General Physics II Lab	
BIO 206	The Pharmaceutical Industry	
CHE 211 & 211L	Organic Chemistry I and Organic Chemistry I Lab	

CHE 214 & 214L	Organic Chemistry II and Organic Chemistry II Lab	
PSY 220	Clinical Psychology and Mental Health	
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
Category 2 Electives		**8**
Select two or more of the following courses:		
BIO 260 & 260L	Principles of Biology: Evolution, Diversity, and Biology of Cells and Principle of Biology: Cells Lab	
BIO 215 & 215L	Medical Microbiology and Microbiology Lab	
BIO 265 & 265L	Genetics and Genetics Lab	
BIO 300 & 300L	Developmental Biology and Developmental Biology Lab	
BIO 305 & 305L	Vertebrate Physiology and Vertebrate Physiology Lab	
BNS 275 & 275L	Behavioral Neuroscience and Behavioral Neuroscience Lab	
BIO 370 & 370L	Immunology and Immunology Lab	
BNS 310 & 310L	Neurobiology and Neurobiology Lab	
BNS 360 & 360L	Neurochemistry and Neurochemistry Lab	
EXS 320 & EXS 321	Exercise Physiology and Exercise Physiology Laboratory	
HSC 302 & 302L	Kinesiology and Kinesiology Lab	
Category 3 Electives		**9**
Select three or more of the following courses:		
COM 240	Public Relations	
COM 254	Intro to Health Communication	
GLS 325	Global Perspectives on Health and Illness	
or NUR 407	Cultural Diversity in a Global Society	
HSC 100	Intro to Human Nutrition	
HSC 150	Introduction to Public Health	
HSC 200	Environmental Health & Human Health	
HSC 250	Introduction to Epidemiology	
HTH 205	Introduction to Health Care	
HTH 215	Population Health Care Management	
NUR 402	Scholarship in Evidence-Based Practice	
NUR 403	Information Management and Application of Patient Care Technology	
NUR 404	Healthcare Policy, Finance, and Regulatory Environments	
NUR 405	Interprofessional Collaboration and Communication for Improving Healthcare Outcomes	
PHL 304	Medical Ethics [5]	
or BHP 309	Course BHP 309 Not Found	
SOC 346	Health Care and Society	
Senior Capstone		**3**
Select one of the following:		
HSC 490	Independent Study: Research and Creative Expression	
or HSC 491	Internship in Health Sciences	
Total Credits:		**64-68**

1

Students must earn a grade of "C" or better in these courses in order to meet the major requirement and before enrolling in upper-level courses for which these courses are prerequisites.

2

Students must complete MTH 105 or higher.

3

Students must place into MTH 105 or a higher level mathematics course in order to register for BIO 115/BIO 115L and BIO 116/BIO 116L.

4

BCH 225/BCH 225L cannot be counted as both a Chemistry requirement and Category 1 Elective.

5

PHL 304 may also be used to satisfy the CAS Philosophical Perspectives core requirement.

Department of Biology, Behavioral Neuroscience, and Health Sciences Course Repeat Policy

The following guidelines apply to courses offered by the Department of Biology, Behavioral Neuroscience, and Health Sciences. Students may repeat any biology (BIO), behavioral neuroscience (BNS), health sciences (HSC) or exercise science (EXS) course **once** without special permission unless they received an unsatisfactory grade (C-, D, F). With an unsatisfactory grade, students need permission from the dean's office to repeat a class. They can not register on their own on myRider. Students should email casdean@rider.edu and the department chair to request permission to repeat a course. A course will be considered repeated if the student has previously earned a letter grade in the course, or if the student has previously withdrawn from the course after the Friday of the seventh week of classes (previously Withdrawal II or Withdrawal III). To take a biology, behavioral neuroscience, health science, or exercise science course for a third time, written permission must be obtained from the dean's office and the department chair before the registrar will allow the student to enroll in that course.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	4
MTH 105	Algebra and Trigonometry [1]	4
PSY 100	Introduction to Psychology	3

CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**14**
Spring Semester		
HSC 105	Introduction to Health Professions	1
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	4
CMP 125	Seminar in Writing and Research	3
HSC Category 3 Elective #1 of 3		3
Social Perspectives		3
	Semester Credit Hours	**14**
Year 2		
Fall Semester		
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab [2]	4
CHE 120 & 120 or CHE 110 ***and*** CHE 110L	Principles of Chemistry or Survey of General Chemistry ***and*** Survey of Gen Chemistry Lab	4
Foreign Language		3
Social Perspectives		3
	Semester Credit Hours	**14**
Spring Semester		
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
CHE 122 & CHE 123 or CHE 225 ***and*** CHE 225L	Intro to Chemical Systems or Introduction to Organic and Biochemistry ***and*** Introduction to Organic and Biochemistry Lab	4
HSC 100	Course HSC 100 Not Found	3
Foreign Language		3
	Semester Credit Hours	**14**
Year 3		
Fall Semester		
BNS 250 & 250L	Biostatistics and Biostatistics Lab	4
HSC Category 1 Elective #1 of 2		3
HSC Category 2 elective with lab, #1 of 2		4
Social Perspectives		3
HIS 150	World History to 1500	3
	Semester Credit Hours	**17**
Spring Semester		
HSC 302 & 302L	Kinesiology and Course HSC 302L Not Found	4
HSC Category 2 elective with lab, #2 of 2		4
PSY 345	Health Psychology	3
HIS 151	World History Since 1500	3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
HSC 490 or HSC 491	Independent Study: Research and Creative Expression or Internship in Health Sciences	3
Four Elective Courses [3]		12
	Semester Credit Hours	**15**
Spring Semester		
Aesthetic Perspectives: Fine Arts		3
Four Elective Courses [3]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Scientific Perspectives general education requirements are included in major.

3

Elective credits may be used to complete requirements in a second major or minor.

HSC 102 Medical Terminology 1 Credits
Medical terminology is the study of the principles of medical word building to help the student develop extensive medical vocabulary used in health care occupations. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole.
Prerequisite(s): Permission of instructor.

HSC 105 Introduction to Health Professions 1 Credits
Course Description: This course will provide a basic overview of the health science professions including but not limited to: athletic training, clinical exercise physiology & cardiac rehabilitation, chiropractic, physician assistant, occupational therapy, nursing, community health education specialist, and physical therapy. The course will also cover the professional activities (i.e. professional organizations, certifications, professional issues, and professional liabilities) that are related to these professional applications.

HSC 110 Introduction to Human Nutrition 3 Credits
This course is designed to offer the student an understanding of fundamental human nutrition concepts including, but not limited to, digestion, absorption, metabolism, functions, and sources of macronutrients and micronutrients. The theme of the course will align with human health and disease states and the important conceptions about the food industry and its relation to healthy dietetic choices.

HSC 150 Introduction to Public Health 3 Credits
Public Health is the science of protecting, promoting, and improving the health of people and the communities where they live, learn, work, and play. Students will gain an understanding of the history and functions of public health, strategies and methods used in public health research, and the determinants of health.

HSC 200 Environmental Health & Human Health 3 Credits
The health of any individual is a function of both our genetics and environmental factors. Environmental factors most broadly defined include the air we breathe, the water we drink and the food we eat. This course will focus on numerous examples of how bacteria, viruses, and exposure to environmental chemicals result in human diseases. Examples range from failures in public health infrastructure (cholera, diphtheria, river blindness, etc), failures to vaccinate (polio, measles, hepatitis, etc) and chemical exposures (birth defects, cancer, etc). There is also much known about how diet and nutrition can prevent diseases.
Prerequisite(s): BIO 10X Life Science course or any biology laboratory course or BIO 115 or 116 or 117.

HSC 210 Nutrition for Exercise and Physical Activity 3 Credits
An introductory exploration of evidence based nutritional theory and applications in sport and exercise.
Prerequisite(s): HSC 100 with a minimum grade of D or BCH 225 with a minimum grade of D.

HSC 250 Introduction to Epidemiology 3 Credits
Epidemiology is the study of distribution and determinants of defects, disease, and injury in human populations and the application of that study to assess the magnitude of health problems and the result of interventions designed to control them. This course is designed to introduce students to the basic principles, methods, and uses of epidemiology to better understand and characterize health and disease at a population level. The role of epidemiological evidence in planning and evaluation will be also be explored.
Prerequisite(s): MTH 102 or higher OR MSD 105 or higher OR POI.

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI.
Corequisite: HSC 303.

HSC 303 Kinesiology Lab 1 Credits
This lab is a co-requisite and must be taken with HSC 302.
Corequisites: HSC 302.

HSC 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in health science-related research. The student learns to organize material, use relevant medical/scientific literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

HSC 491 Internship in Health Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty member and should include keeping a journal of activities, a term paper or project report and an oral or poster presentation.
Prerequisite(s): 2.5 GPA required.

History

Program Overview

History allows us to understand ourselves and others and our shared world by exploring and analyzing the entire range of human experience. The study of history encompasses both the study of the record of the past and the discipline of investigating and interpreting the past. It develops critical habits of mind, provides training in the analysis and synthesis of evidence, and hones skills in effective communication both orally and in writing. The history major is an excellent preparation for careers in law, government, journalism, business, and the non-profit sector, as well as in public history and education at all levels. For more on jobs for history majors, consult the American Historical Association website at: https://www.historians.org/jobs-and-professional-development/career-resources/careers-for-history-majors (https://www.historians.org/jobs-and-professional-development/career-resources/careers-for-history-majors/)

Curriculum Overview

Rider University history students complete an innovative program that exposes them to the history of major world cultures as well as the United States. Students take seminars in their first semester, in their fourth or fifth semester, and in their senior year. Each seminar is capped at 16 students in order to foster deep personal engagement of students and faculty and to allow for individual development of analytical, research, and writing skills. For the senior capstone, students produce a substantial work of original research in the senior seminar or in an Independent Study with a faculty mentor. Students also select from a range of topical courses drawing on faculty expertise in the history of Africa and the African diaspora, Latin America and the Caribbean, East Asia, South Asia and the Middle East, classical, medieval, early modern and modern Europe, as well as colonial America and the history of the United States in all periods. In addition, the department offers clusters of courses on women's history and the history of gender and sexuality, and on environmental history. Students can also explore history outside of the classroom through our internship program, which allows them to earn course credit while working in archives, museums, and historic sites.

Degree Offered

- B.A. in History

Contact

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Program Website: History (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/history/)

Related Programs:

- Arts and Entertainment Industries Management (p. 39)
- Elementary Education (p. 155)
- Secondary Education (p. 54)
- Political Science (p. 449)

History Major Requirements

(36-39 credits)

Code	Title	Credits
Category I: History Seminars		**6-9**
Select 6-9 credits from the following:		
HIS 160	Seminar in History [1]	
HIS 260	Craft of History (may be repeated for Category III credit with a different topic)	
HIS 460	Research Seminar	
Category II: U.S. and European Surveys		**6-9**
Select at least one course in U.S. history and one course in European history. Education students are strongly encouraged to take both U.S. surveys as well as one European survey.		
Note: Students who select only 2 courses (6 credits) in Category II must take 8 courses (24 credits) in Category III.		
HIS 180	U.S. History I	
or HIS 181	U.S. History II	
HIS 190	Europe to 1715	
or HIS 191	Europe Since 1715	
Category III: History Electives		**21-24**
Students who select two courses (6 credits) in Category II must select eight courses (24 credits) in Category III. Students who select three courses (9 credits) in Category II must select seven courses (21 credits) in Category III.		
At least two Category III courses (6 credits) must be at the 200 level and two courses (6 credits) at the 300 level. The remaining courses can include HIS 152 or HIS 153. At least two courses for Category III must be selected from the Diversity courses listed at the bottom:		
HIS 152	Contemporary World: Historical Perspectives	
or HIS 153	Cold War: A Global History	
HIS 218	America Between the Wars	
HIS 220	America's Culture Wars	
HIS 224	American Environmental History	
HIS 225	A History of American Business	
HIS 226	History of New Jersey	
HIS 227	U.S. Cultural History I	
HIS 230	History on Screen	
HIS 240	History of Ancient Greece	
HIS 241	History of Ancient Rome	
HIS 243	Italy Middle Ages to Present	
HIS 245	Britain to 1688	
HIS 246	Modern Britain	
HIS 248	History of Ireland	
HIS 255	History Abroad	
HIS 298	Special Topics in History	
HIS 300	Economic History of the U.S.	
HIS 301	Constitutional History of U.S.	
HIS 302	American Worker: Social History	
HIS 303	American Urban History	
HIS 304	Civil War and Reconstruction	
HIS 306	U.S. Cultural History II	
HIS 307	The Immigrant in American Life	
HIS 318	The American Revolution	
HIS 320	The History of Christianity	
HIS 325	Church & Society in Med Europe	
HIS 326	Renaissance and Reformation	
HIS 333	20th-Century Europe	
HIS 334	The Era of World War II	
HIS 335	Nazi Germany & Hitler's Europe	
HIS 336	Modern European Intellectual History	
HIS 337	Post-1945 United States History	
HIS 351	Warfare in History	
HIS 352	History of Socialism	
HIS 353	Oral History	
HIS 398	Special Topics in History	
Diversity Courses (select two):		
HIS 200	Native American History	
HIS 201	African American History	
HIS 249	Women in Europe from Antiquity to the French Revolution	
HIS 273	Imperial Russia	
HIS 274	Modern Russia	
HIS 280	Vietnam in Peace and War	
HIS 281	Modern Middle East	
HIS 282	Colonial Latin America	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 286	Modern East Asia	
HIS 288	African History	
HIS 289	History of Modern Japan	
HIS 309	Women in American History	
HIS 319	Gender and Sexuality in American History	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
HIS 343	Ottoman Empire and the Balkans	
Total Credits		**36-39**

Total Credits: 36-39

1 Students who declare the history major after the freshman year should consult their advisor on the suitability of this course for their program.

History Minor Requirements

(21 credits)

Code	Title	Credits
Select seven courses from the list below: three at the introductory level (150-199) and four at the intermediate to advanced level (200-491).		21
HIS 150	World History to 1500	
HIS 151	World History Since 1500	
HIS 160	Seminar in History	
HIS 180	U.S. History I	
HIS 181	U.S. History II	
HIS 190	Europe to 1715	
HIS 191	Europe Since 1715	
HIS 200	Native American History	
HIS 201	African American History	
HIS 224	American Environmental History	
HIS 225	A History of American Business	
HIS 226	History of New Jersey	
HIS 227	U.S. Cultural History I	
HIS 230	History on Screen	
HIS 240	History of Ancient Greece	
HIS 241	History of Ancient Rome	
HIS 243	Italy Middle Ages to Present	
HIS 245	Britain to 1688	
HIS 246	Modern Britain	
HIS 248	History of Ireland	
HIS 249	Women in Europe from Antiquity to the French Revolution	
HIS 255	History Abroad	
HIS 260	Craft of History	
HIS 273	Imperial Russia	
HIS 274	Modern Russia	
HIS 280	Vietnam in Peace and War	
HIS 281	Modern Middle East	
HIS 282	Colonial Latin America	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 286	Modern East Asia	
HIS 288	African History	
HIS 289	History of Modern Japan	
HIS 298	Special Topics in History	
HIS 300	Economic History of the U.S.	
HIS 301	Constitutional History of U.S.	
HIS 302	American Worker: Social History	
HIS 303	American Urban History	
HIS 304	Civil War and Reconstruction	
HIS 306	U.S. Cultural History II	
HIS 307	The Immigrant in American Life	
HIS 309	Women in American History	
HIS 318	The American Revolution	
HIS 319	Gender and Sexuality in American History	
HIS 320	The History of Christianity	
HIS 325	Church & Society in Med Europe	
HIS 326	Renaissance and Reformation	
HIS 333	20th-Century Europe	
HIS 334	The Era of World War II	
HIS 335	Nazi Germany & Hitler's Europe	
HIS 336	Modern European Intellectual History	
HIS 337	Post-1945 United States History	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
HIS 343	Ottoman Empire and the Balkans	
HIS 351	Warfare in History	
HIS 352	History of Socialism	
HIS 353	Oral History	
HIS 398	Special Topics in History	
HIS 460	Research Seminar	
HIS 490	Independent Study: Research and Creative Expression	
HIS 491	Internship in History	
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
HIS 150	World History to 1500	3
HIS 160	Seminar in History	3
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
Social Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
HIS 151	World History Since 1500	3
HIS 180 or HIS 181	U.S. History I or U.S. History II	3
CMP 125	Seminar in Writing and Research	3
Foreign Language [1]		3
Scientific Perspective		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
HIS 190 or HIS 191	Europe to 1715 or Europe Since 1715	3
COM 104	Speech Communication	3
Upper Level History Elective (200 - 399) [2]		3
Social Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**

Spring Semester		
Two Upper Level History Electives (200 - 399) [2]		6
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
HIS 260	Craft of History	3
Upper Level History Elective (200 - 399)		3
Social Perspectives		3
Two Elective Courses [3]		6
	Semester Credit Hours	**15**
Spring Semester		
Two Upper Level History Electives (200 - 399)		6
Three Elective Courses [3]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Select two of the following:		**6-7**
Upper Level History Electives (200 - 399) [2]		
HIS 491	Internship in History	
Three Elective Courses [3]		9
	Semester Credit Hours	**15-16**
Spring Semester		
HIS 460	Research Seminar	3
Four Elective Courses		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120-121**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Program must include at least two courses at the 200 level and at least two at the 300 level. At least two courses must be Diversity courses.

3

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

HIS 150 World History to 1500 3 Credits
This course traces both regional histories and global interactions, and covers the development of societies and states in Africa, the Americas, Asia and Europe from prehistoric times until about 1500. Certain major topics will be pursued, including agriculture, great empires, the major world religions, long-distance trade, and early modern exploration. While learning about these topics, students will also gain an understanding of the practice of history, especially of the kinds of sources historians use and how they reconstruct and interpret the past.

HIS 151 World History Since 1500 3 Credits
Learn what college students should know about history as a discipline and why history matters by tracing the development and interactions of the cultures of Europe, Africa, Asia and the Americas from 1500 to the present. Students will gain an appreciation for the value of historical thinking and a greater understanding of the relationships among modern nations so necessary for global citizenship.
Prerequisite(s): HIS 150.

HIS 160 Seminar in History 3 Credits
This course introduces students to the discipline of history and to the skills needed for its pursuit. Students will learn to analyze and evaluate primary sources and to identify the thesis and argument of secondary sources, as well as to locate sources using library databases. They will complete a short research paper in which they put these skills into practice. The seminar is intended for History majors and minors and Social Studies majors in their freshman year. Transfer students with fewer than 45 credits should consult their advisor on the suitability of the course for their program. Enrollment limited to 16.

HIS 180 U.S. History I 3 Credits
A survey of American history from the early 17th century through 1877. Among the topics covered will be settlement and regional differences, the American Revolution and the formation of a national government by 1787. The beginning stages of industrialization, the rise of democratic and reform politics, westward expansion, the debate over slavery and growing sectional tensions through the Civil War and Reconstruction will be major themes in the 19th century. Included will be discussions of African Americans, Native Americans, and women.

HIS 181 U.S. History II 3 Credits
A survey of United States history from the end of the Civil War through the present. Included will be discussions of the maturing of an industrial economy, and expansion in the west and overseas. The role of the United States as a world power and the growth of presidential power will be shaped and sometimes challenged by movements designed to expand democratic institutions and human rights. Included will be discussions of African Americans, Native Americans, and women.

HIS 190 Europe to 1715 3 Credits
Examines the development of European civilization from late Roman times until 1715, stressing the Classical heritage, the main currents of European thought and letters, the Renaissance and Reformation, the Age of Discoveries, and the development of the Old Regime.

HIS 191 Europe Since 1715 3 Credits
Examines major political, economic, social, and cultural developments in Europe and the West from 1715 to the present.

HIS 200 Native American History 3 Credits
Traces the experiences of North American Indians from early colonial times to the present day, demonstrating how Indian life has varied and changed throughout our nation's history. Topics include strategies of resistance and accommodation to colonial powers, 19th- century impacts of U.S. government removal and cultural assimilation policies, and 20th-century cultural and political developments among the nation's surviving tribes. Rather than "vanishing," American Indians are a vital and expanding force in modern America.

HIS 201 African American History 3 Credits
Examines the actions and thought of peoples of African ancestry in the United States. Briefly considers Africa before the Atlantic slave trade, then concentrates on major themes in African-American history--the slave trade, slavery, and the genesis of African American society, emancipation and its consequences, urbanization and industrialization, Black Nationalism, the Civil Rights Movement, and African Americans today. Emphasizes African Americans' dynamic and creative role both in shaping their society and establishing their place in United States society. The on-going struggle for freedom and equality provides thematic continuity for analyzing nearly 400 years of African-American history.

HIS 218 America Between the Wars 3 Credits
This course will amplify the dynamic changes and deep challenges found in American society, politics, culture, and foreign policy in the years between 1918 and 1945. We will examine topics like America's purpose in WWI, immigration, antiradicalism, the "roaring twenties," the Harlem Renaissance, consumer culture, the Great Depression, the rise of unions, the New Deal, and the foreign and domestic juggernaut that was WWII.

HIS 220 America's Culture Wars 3 Credits
For much of the recent past Americans have lived in a state of "culture war." This course will examine the history of modern culture and the conflict that sprang up around it, focusing on the rise of cities, race and racism, shifting sex and gender norms, religion, pleasure, education, immigration, and politics. Students will assess cultural and political developments over the course of the twentieth century with an eye toward understanding the twenty-first.

HIS 224 American Environmental History 3 Credits
Surveys the history of the North American environment from pre-Columbian times through the 20th century. Topics include Native American uses of the environment; the reshaping of ecosystems under European colonization; U.S. frontier expansion; the ecological impact of industrialization and urbanization; and the rise of the environmental movement.

HIS 225 A History of American Business 3 Credits
Examines the history of business in the United States from the Colonial Era to the present. Emphasizes such themes as the changing capitalist system, the function of business institutions, the roles of the entrepreneur, the relationship between government and business, and the emergence of the corporation.

HIS 226 History of New Jersey 3 Credits
Explores the history of New Jersey from the colonial period to the present including the role of New Jersey in the American Revolution, the establishment of the Constitution, and the course of industrialization. Examines the impact of national and international developments on New Jersey and emphasizes the distinctive characteristics of the Garden State.

HIS 227 U.S. Cultural History I 3 Credits
Examines cultural developments in the United States through the Civil War. Topics include popular culture, the history of the body, reading and print culture, public celebrations and holidays, religion, race and ethnicity, and material culture. Some of the larger trends explored include the creation of American nationalism, the development of a consumer society, and the rise and decline of 19th-century family life and culture.

HIS 230 History on Screen 3 Credits
This course explores the ways in which feature films and documentaries construct the historical past and shape, reflect, or revise popular understandings and national or cultural myths about the past. We will consider films as products of particular moments in history (potential primary sources), as well as arguments about the moments they portray (potential secondary sources). We will explore how audiences take an active role in shaping the meaning of a film, and thus how that meaning may shift as audiences change over time. We will trace how and why filmed representations of our understanding and interpretation of the past have changed over time. The topics of the films analyzed in this course may vary.

HIS 240 History of Ancient Greece 3 Credits
Surveys the intellectual and cultural life of ancient Greek civilization against the background of its political, economic, and social history.

HIS 241 History of Ancient Rome 3 Credits
Studies the history and culture of Rome, emphasizing such topics as Roman law, government, literature, religion, art, and philosophy.

HIS 243 Italy Middle Ages to Present 3 Credits
Traces the history of Italy from the Middle Ages to the present, stressing the connection between culture, religion, politics, and wealth in successive historical periods. Students participating in the two-week travel component at the end of the course may receive four credits.

HIS 245 Britain to 1688 3 Credits
British history from pre-Roman times to the Glorious Revolution is examined, emphasizing the growth of royal government, parliament, and the origins of the British colonial empire.

HIS 246 Modern Britain 3 Credits
Examines British history from the Glorious Revolution to the present, stressing the reform movements of the 18th and 19th centuries, the Pax Britannica, the Industrial Revolution, imperialism, and the impact of the two world wars.

HIS 248 History of Ireland 3 Credits
Beginning with an overview of the Irish past, focuses upon the past century of the island's history--the problems, challenges, and accommodations that led to the present situation as one of the most protracted unresolved partitions in the modern nation-state system.

HIS 249 Women in Europe from Antiquity to the French Revolution 3 Credits
Traces the history of women in Europe from Rome to the French Revolution, covering the religious, social, political, and economic context in which women participated. Also offers a brief overview of theories and issues in women's history and gender history.

HIS 255 History Abroad 3 Credits
Two-week travel course to a destination chosen by the professor. Exposes students to historic and cultural sites and works of art that have been studied in class. Students must attend orientation sessions, read assigned writings, complete a travel journal, write a final paper on a topic relevant to the course, and attend all scheduled course activities abroad. Travel will take place in January or at the end of the spring semester.

HIS 260 Craft of History 3 Credits
This seminar focuses on historiography and research skills to further students' progress toward the major capstone experience of conducting independent historical research. Students will explore how historians approach, interpret, and write about a particular topic selected by the instructor, and discover how and why interpretations and methods have changed over time. Topics will vary by instructor. Course may be taken a second time on a different topic for 200-level credit. The course is required for History majors who are Sophomores or Juniors. Enrollment limited to 16.

HIS 273 Imperial Russia 3 Credits
Discusses the political, economic, social and cultural developments in Russia and its borderlands during the Imperial period, that is to say the 18th and 19th centuries from Peter the Great to the Revolutions of 1917. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 274 Modern Russia 3 Credits
Covers the background to the Russian revolutions of 1917, the revolutions themselves, and the evolution and dissolution of the Soviet regime. Cultural, social and economic aspects of this period receive as much attention as political aspects. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 280 Vietnam in Peace and War 3 Credits
Examines the history of modern Vietnam, with a focus on the struggle for independence from the late 18th century to the present. Discusses the traditional culture, French colonialism and the development of Vietnamese nationalism, the Japanese occupation in WWII, and the struggle against France and the U.S. in the First and Second Indochinese Wars, as well as the postwar period. Explores the American experience in Vietnam and the impact of the war in the United States.

HIS 281 Modern Middle East 3 Credits
Examines political, economic, social, and cultural developments in the Near East, from the rise of the Ottoman Empire to the present, stressing the impact of contacts with the West in the 19th and 20th centuries, and the emergence of the contemporary Arab World, Israel, Turkey, and Iran.

HIS 282 Colonial Latin America 3 Credits
Examines the pre-Columbian and colonial periods of Latin-American history. Discusses the Indian, African, and European peoples and pays particular attention to the colonial Spanish and Portuguese societies from their establishment up to the revolutions that brought about political independence.

HIS 283 Modern Latin America 3 Credits
Considers the post-independence history of Latin America, emphasizing the rise of export economies and external economic domination, modernization, and pan- Americanism. Examines the changes undergone by Latin-American nations in the 20th century through an analysis of Mexico, Argentina, Chile, Brazil, Peru, Cuba, and Central America.

HIS 284 Caribbean History 3 Credits
Analyzes the history of the West Indian islands and the lands bordering the Caribbean Sea from pre-Columbian times to the present.

HIS 286 Modern East Asia 3 Credits
Examines the disintegration of the Ch'ing dynasty in China and the Tokugawa Shogunate in Japan under internal stresses and foreign incursions, and the varied experience of those states in coming to terms with the challenges of modernization and westernization. Covers political, economic, social, and cultural factors in China, Japan, and East Asia.

HIS 288 African History 3 Credits
Traces the history of Africa, analyzing the unique problems of African historical evidence and the complexity of the continent's past. Examines the genesis of African culture, early African societies, and the character of African civilizations and empires, then considers external influences such as religion (especially Islam and Christianity), contacts with Europe, the slave trade, the colonial scramble for Africa, colonial rule, modernization and dependency, and concludes by assessing the rise of independent Africa after World War II, its present status and future prospects.

HIS 289 History of Modern Japan 3 Credits
Examines the history of modern Japan from the age of the samurai in the Tokugawa Shogunate to today's high-tech mass consumer society. It traces the interaction of elements of Japan's traditional culture with impacts from the outside to create a uniquely-Japanese modernity. It stresses social, economic, and cultural trends, as well as political history, and includes an examination of modern Japanese culture through fiction and film.

HIS 298 Special Topics in History 3 Credits
Exploration of special topics, themes or methodologies in history. This course may be repeated for credit on different topics.

HIS 300 Economic History of the U.S. 3 Credits
Studies the main currents in the economic growth of America from colonial times to the present. Stresses the process of economic development from an agrarian to an industrial society, and examines the challenges and dislocations resulting from economic change.

HIS 301 Constitutional History of U.S. 3 Credits
Surveys the English, Colonial, and Confederation backgrounds of American law and constitutionalism; the framing, adoption, and implementation of the Federal Constitution and its later development; the role of law in the nation's history; the changing interpretations of federalism; the growth of judicial review; and the increasing role of the Supreme Court.

HIS 302 American Worker: Social History 3 Credits
Investigates the American workers' varied social, cultural, religious, and ethnic environment from post-Civil War to the present. Emphasizes worker response to industrialization, urbanization, the technical revolution, and automation.

HIS 303 American Urban History 3 Credits
Traces the growth of urbanism in America from colonial times to the present. Focuses on the interaction between the city dweller and the urban environment and explores the problems confronting urban America today.

HIS 304 Civil War and Reconstruction 3 Credits
Considers the Civil War as a watershed in the development of the American republic. Analyzes antebellum sectional conflict, the war years, and the era of Reconstruction.

HIS 306 U.S. Cultural History II 3 Credits
Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and counter- cultures, popular commemorations like World's Fairs, and political culture. Some of the larger trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.

HIS 307 The Immigrant in American Life 3 Credits
Examines the experiences of immigrants in the United States, their assimilation, the reactions to them, and their contributions.

HIS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

HIS 318 The American Revolution 3 Credits
Examines the growing rift between the American colonies and the British Empire, the War for Independence, and the creation of a new American republic. Explores the political, economic, social and cultural history of the Revolutionary era, and includes the experiences of various groups such as Native Americans, slaves, and women.

HIS 319 Gender and Sexuality in American History 3 Credits
What makes a man, exactly, and what makes a woman? What kinds of sex are normal, and what kinds are abnormal? Who decides, and why? The answers to these questions are not fixed. Throughout American history, popular understandings of gender and sexual norms evolved in close relationship with the political, economic, racial, and social dictates of the time. This course will trace the evolution of ideas on sec and gender from the 18th century to the present using various historical sources including fiction and film, particular attention will be given to analyzing dominant models of proper behavior and the complex relationships of power enmeshed within them.

HIS 320 The History of Christianity 3 Credits
Examines Christianity's role in world history from the life and times of Jesus to the present. Emphasizes the quest for the historical Jesus, the emergence of Christianity after his death and triumph during the later Roman Empire, and Christian relations with pagans, Jews, heretics, witches and Muslims. Traces the various branches of Christianity, its spread throughout the world, church-state relations and responses to secularism, capitalism and communism.

HIS 325 Church & Society in Med Europe 3 Credits
Studies the role of the church in the shaping of early medieval society. Emphasizes the emergence of Christianity as a world force, its challenge from Islam, and the church's impact on the politics, thought, and economy of early medieval Europe.

HIS 326 Renaissance and Reformation 3 Credits
Studies the Renaissance, including the development of humanism and art as well as the political and economic changes of the period. Discusses the Renaissance church and movements for religious reform, leading to a consideration of the origins, development, and consequences of the Reformation. Examines the influence of the Renaissance and Reformation on the development of capitalism and the dynamic, secular nation-state.

HIS 333 20th-Century Europe 3 Credits
This course covers the history of twentieth-century Europe, a time when major wars brought Europe from the heights of prosperity and power to the brink of ruin. Europe's experience in war, social upheaval, and ideological conflict shaped the twentieth century not just in Europe but globally. We begin with a look at the condition of Europe at the turn of the century and assess why the European states plunged into what was a disastrous series of conflicts. We will consider the First World War and its impact, including the Russian Revolution and the peace settlement, and then focus on attempts to find stability and the emergence of radically new political movements that challenged the postwar order. Next we will examine the ways in which Europe embarked on the path of near self-destruction during World War Two. A discussion of the origins and consequences of the Cold War and the fate of the socialist and capitalist systems follows. Throughout the course we will touch upon European art and culture. We will conclude with a look at the events of 1989 and attempt to understand the meaning of the twentieth century. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 334 The Era of World War II 3 Credits
Investigates selected topics relating to the origins, events, and outcome of World War II, emphasizing the war's impact on 20th-century civilization. Traces the roots of the conflict back to the World War I peace settlements, and examines the rise of totalitarianism, pre-war aggression and appeasement, the immediate causes of the war's outbreak, the course of military actions, the diplomacy of the belligerents, the War's impact on civilian life, and factors that shaped the post-war world. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 335 Nazi Germany & Hitler's Europe 3 Credits
Examines the Nazi dictatorship in all its complex dimensions, from the early life of Adolf Hitler to total war and genocide. Students will explore how the Nazi movement arose in the context of modern German and European history, and how the Nazis were able to win the support of significant segments of the German population. We will study the Nazis' massive project of social and biological engineering – pronationalism, forced sterilization, extermination of "social and biological deviants," and, ultimately, the genocide of the Jews. Through memoirs, state documents, and historical accounts, the class will examine life from the vantage point of perpetrators, accommodators, victims, and resisters. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 336 Modern European Intellectual History 3 Credits
Examines the 17th-century revolution in scientific, philosophical, and political thought; the Enlightenment; Romanticism; the ideologies of Conservatism, Liberalism, and Socialism; Positivism; Darwinism; the crisis of European thought (1880-1914); and the major intellectual trends of the 20th century.

HIS 337 Post-1945 United States History 3 Credits
This course will magnify American society, politics, culture, and foreign policy from 1945 to the present, tracing the rise and fall of the "American Century". We will focus on topics such as the Red Scare, suburbanization, mass culture, the power of the presidency, the Civil Rights movement, Vietnam, disco, and the war on terror, offering students a unique opportunity to delve deeply into our recent past.

HIS 341 China in Revolution 3 Credits
Treats the Chinese Revolution in terms of political, economic, and social transformation.

HIS 342 Women in East Asia 3 Credits
Treats the history of the relationship between women and society in traditional East Asia and the modern transformation of their relationship.

HIS 343 Ottoman Empire and the Balkans 3 Credits
This course is divided into two parts. Part one examines the rise, zenith, and gradual disintegration of the Ottoman Empire, one of the greatest, most extensive, and long lasting empires in history, with special focus on the southeastern projection of Europe, known as the Balkan Peninsula. The second half of the course concentrates on Balkan history proper, from the First World War until the demise of communist regimes in the late 1980s. Lastly, we will consider contemporary developments, especially the breakup of Yugoslavia and its aftermath.This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 351 Warfare in History 3 Credits
Studies the evolution of international and intergroup conflict through the ages; principles, theories, and kinds of war; the great military practitioners and thinkers of world history. Briefly touches upon the American experience as a recent segment in world military and cultural history.

HIS 352 History of Socialism 3 Credits
Considers the historical development of socialist ideas and their adaptations from ancient times to the present, including ancient and Judaeo-Christian antecedents, Utopian Socialism, Marxism, Anarchism, Communism, and Democratic Socialism, emphasizing the historical comparisons among these schools. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 353 Oral History 3 Credits
A study of the theory and practice of oral history. Involves an examination of the methodology and functions of oral history, the nature and character of oral evidence, and the place of oral testimony within the historical discipline.

HIS 398 Special Topics in History 3 Credits
Advanced exploration of special topics, themes or methodologies in history. This course may be repeated for credit on different topics.

HIS 460 Research Seminar 3 Credits
Students produce a major research paper in this topical capstone seminar. Topics and themes vary by instructor. The seminar has a maximum enrollment of 16 students, so professors and students have an opportunity to work together closely over the course of a semester. **Prerequisite**(s): HIS 260, and permission of instructor.

HIS 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Proposals must be approved by the Dean's Office no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours.
Prerequisite: Permission of instructor. When taken to substitute for HIS 460, HIS 260 and permission of instructor.

HIS 491 Internship in History 1-4 Credits
Internships to be offered each semester with such institutions as the New Jersey State Archives and the David Library of the American Revolution. Four credits may be taken for Category III History credit. Additional credits may be taken for Liberal Arts elective credit.
Prerequisite: Permission of internship coordinator.

Homeland Security Policy

Program Overview

Events of the past 30 years — including the first World Trade Center bombing in 1993, the terrorist attacks of September 11, 2001, and the Boston Marathon bombing in 2013 — have heightened America's awareness of terrorism and made homeland security a national focus. It is a subject, though, that has long been of concern to other countries around the world.

Open to all majors, the minor in Homeland Security Policy offers students the opportunity to add a focus in homeland security to their professional or academic plans. The minor also is a valuable option for students whose careers would benefit from an understanding of such issues as risk assessment, world politics and civil liberties. Homeland security is a rapidly growing field with a high demand for skilled professionals in both government and private industry.

Degree Offered

- Minor in Homeland Security Policy

Contact

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Program Website: Homeland Security Policy (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/homeland-security-policy-minor/)

Associated Department: Department of Government, Politics and Law (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/political-science/)

Related programs

- Criminal Justice (p. 132)
- English (p. 227)
- History (p. 323)
- Multicultural Studies (p. 403)
- Political Science (p. 449)

Homeland Security Minor Requirements

(24 credit hours)

Code	Title	Credits
Foundation courses (required)		
POL 100	U.S. Politics in Crisis	3

HLS 203/POL 203	Homeland Security	3
HLS 220/POL 220	Terrorism & Counter Terrorism	3
POL 230	Methods of Political Analysis	3
Electives (select four of the following:)		**12**
HLS 204/POL 204	Development and Structure of the US Intelligence Community	
HLS 205	Spies, Double Agents, and Moles: The World of Counterintelligence	
HLS 270	Networking/Telecommunications	
HLS 300	U.S. Constitutional Law	
HLS 301/POL 301	Civil Liberties in the US	
HLS 304/POL 304	Political Behavior: Fear, Risk and Crisis	
HLS 311/POL 311	Borders and the State	
HLS 314/POL 314	Congressional Power and National Security Policy	
HLS 316/POL 316	Presidential Power and National Security Policy	
HLS 319/POL 319	Terrorism, Revolutions and Political Violence	
HLS 325/POL 325	Public Administration	
HLS 334	Cyber Strategy	
HLS 341	Cybersecurity Policy: Hacktivism and Cyberviolence	
HLS 346/POL 346	The Politics and Ethics of Emergencies	
HLS 350/POL 350	U.S. Foreign Policy and Security Policy	
HLS 351/POL 351	Critical Views of Global Security	
HLS 353	Cyber War	
HLS 361/POL 361	Courts, Judges and Politics	
HLS 363/POL 363	Human Rights in Global Context	
HLS 491	Internship in NJ Homeland Security	
HLS 420	Enterprise Security	
HCP 302	Environmental Epidemiology, Pandemics and Globalization	
POL 330	Geopolitics of Energy	
Total Credits		**24**

[1]

Depending upon eligibility and availability

Courses and Descriptions

HLS 202 The Political System - Theories/Theme 3 Credits
This course serves as a gateway to the subfields of comparative politics and international relations. The concept of the political system helps political scientists to organize political interrelations into patterns that allow systematic selection and interpretation of information and the study of processes and outcomes of politics in a variety of settings. The course introduces students to the main brands of normative theory prescribing the principles directing the operation of the political system, to some of the most important methods used to compare political systems and/or their components, and to the foremost approaches utilized in the study of the relations between political systems and their environments. Note: This course is cross-listed as POL 202. Students may not get credit for both HLS 202 and POL 202.

HLS 203 Homeland Security 3 Credits
The course is designed to help students increase their knowledge and understanding of homeland security policy. The course will consider why and how homeland security problems impact the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. The course will primarily examine policy making at the national level in the United States, but will also analyze examples at the state and local level, as well as placing U.S. policy in a comparative perspective. Note: This course is cross-listed as POL 203. Students may not get credit for both HLS 203 and POL 203.

HLS 204 Development and Structure of the US Intelligence Community 3 Credits
This course provides a historical review of intelligence following World War II. It will examine the major functions of intelligence, as well as intelligence as a part of the foreign policy process: collection, analysis, counterintelligence, and convert action. Students will be introduced to a range of collection procedures: human, open source, electronic, photographic, and signal, with emphasis placed on interpreting and writing intelligence summaries. Note: This course is cross-listed as POL 204. Students may not get credit for both POL 204 and HLS 204.

HLS 205 Spies, Double Agents, and Moles: The World of Counterintelligence 3 Credits
This course provides in-depth exposure to historical, open-source investigations and concepts that illustrate the defensive, offensive, investigative, and collection efforts of counterintelligence (CI) activities. This course looks through the ideological and political prisms of how and why the Western and Eastern blocs fought the Cold War with agents, double agents, sleepers, and moles, and how MICE (money, ideology, compromise, and ego) and RASCALS (reciprocation, authority, scarcity, commitment, liking, and social proof) caused thousands to betray their countries and become the 'enemy within'. Counterintelligence (CI) is a critical element of US national security policy and interests both in the United States and abroad, and the course will focus on activities that comprise counterintelligence functional activities, including the detection of espionage and elicitation; counterintelligence interviews/debriefings; and the collection of counterintelligence information.
Prerequisite(s): POL 100 or POL 102.

HLS 220 Terrorism & Counter Terrorism 3 Credits
This course introduces students to the arguments about the definition of terrorism, the historical use of terrorism and the roles of ideology, religion, and psychological factors that help explain and predict it. The course seeks to identify the components of national security policy aimed at countering such elements and their cost, both in financial and civil right terms. Finally, to illuminate both the definition and the policies discussed, the course will offer brief comparisons with other states, especially Israel, the UK, and Russia. Note: This course is cross-listed as POL 220. Students may not get credit for both HLS 220 and POL 220.

HLS 270 Networking/Telecommunications 3 Credits
This course provides an introduction to business data communications and networking. The Internet and OSI models are discussed. Network technologies include local area networks, backbone, wide area networks, and the Internet. Introduction to network design, security, and network management are also provided.
Prerequisite(s): CIS 185.

HLS 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as POL 300. Students may not get credit for both HLS 300 and POL 300.

HLS 301 Civil Liberties in the US 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as POL 301. Students may not get credit for both HLS 301 and POL 301.

HLS 304 Political Behavior: Fear, Risk and Crisis 3 Credits
The course focuses on various analytical approaches in behavioral political science. It does so by advancing students' knowledge of the cognitive aspects of whether citizens engage in various types of political behavior-e.g., voting/non-voting, the formation of political partisanship and ideology, issue perceptions, responding to risk and uncertainty in the political environment, and engaging in civic political participation. Note: This course is cross-listed as POL 304. Students may not get credit for both HLS 304 and POL 304.

HLS 311 Borders and the State 3 Credits
Borders have a prominent place in politics and human history. In the twentieth century, the best-known barriers were the militarized Maginot Line and the Iron Curtain. Today, the political popularity of borders persists but the nature and quality of these borders and the threats they were created to repel have changed. Modern borders are designed not to keep militaries out, but to deter a perceived invasion of “undesirables”—with terrorists and unwanted immigrants leading the list of state concerns. Nowhere is this more evident than along the geographic fault lines dividing rich and poor regions, e.g. the Mediterranean Sea and the U.S.-Mexican border region. This course will examine the dynamic interactions between the question of how to govern borders and the twenty-first century liberal state with its diluted sovereignty— due to immigration, trade and international laws and regimes.

HLS 314 Congressional Power and National Security Policy 3 Credits
The purpose of this course is for students to identify, examine, analyze, and interpret the role of Congress in shaping national security policy with a particular emphasis on the institution’s role in the Global War on Terror. Particular attention is paid to the role of the US government being able to balance individual rights and liberties within the national security state. Last, the course also takes an in-depth analysis of the U.S. Congress, looking comparatively at how legislatures in other nations have dealt with crafting their own security policies. The course will address the following questions: First, what is the role of Congress in national security policy, what does it do, and why? Second, what are the various ways of studying the relationship between the legislative and executive branches of government in the US system as it relates to the Global War on Terror? Note: This course is cross-listed as POL 314. Students may not get credit for both HLS 314 and POL 314.

HLS 316 Presidential Power and National Security Policy 3 Credits
This course examines the development of the National Security State since the Second World War, and the ways in which it has affected, and been affected by, the Federal Executive. Topics to be covered will include the post-World War II redefinition of “national security”, the Cold War (with a special focus upon war powers during Korea and Vietnam) and the changes that have occurred with the “War on Terror." Note: This course is cross-listed as POL 316. Students may not get credit for both POL 316 and HLS 316.

HLS 319 Terrorism, Revolutions and Political Violence 3 Credits
Revolutions are the mad inspiration of history. Trotsky’s characterization calls attention to three important dimensions of violent political participation: the historical settings, ideology, and emotional fervor of the practitioners. The course focuses on these dimensions by analyzing revolutionary and terrorist movements in the 20th century. Special attention is given to the use of violence in the post-Cold War new world disorder. Note: this course is cross-listed as POL 319. Students may only get credit for one course: HLS 319 or POL 319.

HLS 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens’ behavior. Note: This course is cross-listed as POL 325. Students may not get credit for both HLS 325 and POL 325.

HLS 334 Cyber Strategy 3 Credits
The course examines issues and challenges related to national security concerns and cybersecurity. The course provides students with tools and critical thinking skills in order to identify and analyze challenges and opportunities to the nation’s cyber infrastructure. The emphasis of this course is on "hands-on" experience whereby students will "learn by doing" analysis.
Prerequisite(s): Completion or transfer of HLS 203 or HLS 204 or POL 100 or POL 102 or permission of instructor.

HLS 341 Cybersecurity Policy: Hacktivism and Cyberviolence 3 Credits
Hactivism is a process designed to be “the creative use of computer technology for the purposes of facilitating online protests, performing civil disobedience in cyberspace.
Prerequisite(s): Completion or transfer of HLS 203 or HLS 204 or POL 100 or POL 102 or permission of instructor.

HLS 346 The Politics and Ethics of Emergencies 3 Credits
This course explores historic and present day cases, ranging across Europe and the US, in which liberal democratic governments, under stress because of subversion, sabotage, invasion, rebellion, or the effects of economically caused chaos, take on emergency powers to become so-called "states of exception." While in some cases such states have imposed mild and limited emergency measures, others have employed more draconian measures, suspending, if not dissolving, constitutionally guaranteed civil liberties, often for indeterminate and protracted periods. How various states have behaved in emergency situations will be the major content of this course. Note: This course is cross-listed as POL 346. Students may not get credit for both HLS 346 and POL 346.

HLS 350 U.S. Foreign Policy and Security Policy 3 Credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation's military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold War world. Note: This course is cross-listed as POL 350. Students may get credit only once.

HLS 351 Critical Views of Global Security 3 Credits
This course will examine the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspective on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (enviroment, population movements, terrorism), and concepts of security ranging from state survial, to societal security, to unit level-variables such as Human Security. Note: This course is cross-listed as HLS 351. Students may not get credit for both HLS 351 and POL 351.

HLS 353 Cyber War 3 Credits
Cyber-attacks are a growing concern for the international community. When does a cyber-attack constitute an act of war, or is it merely an inconvenience? Is cyber power military power? How prevalent are such attacks, and to what extent can cyber-attacks lead to conventional conflicts? Will cyber-attacks by non-state actors render more power to such players in destabilizing states? This course explores the different types of issues experienced in cyber wars, including mechanisms through which targeting of communication technology could escalate tensions and lead to an armed conflict, and ways through which states and international organizations could limit the destructive potential of cyber technology.

HLS 361 Courts, Judges and Politics 3 Credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges. Note: This course is cross-listed as POL 361. Students may not get credit for both POL 361 and HLS 361.

HLS 363 Human Rights in Global Context 3 Credits
Examines human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as POL 363. Students may not get credit for both HLS 363 and POL 363.

HLS 420 Enterprise Security 3 Credits
Students will be provided with complete coverage of computer security in all forms including hardware, network, and software program security. Through hands-on labs, students will learn firsthand how enterprise systems can be comprised and how computer professionals can prevent and provide counterattacks for security intrusions.
Prerequisite(s): CIS 310 or permission of instructor.

HLS 491 Internship in NJ Homeland Security 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of field work per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

Journalism

Program Overview

Rider University journalism students learn news writing and reporting, editing, photography and publication design skills. These fundamentals are paired with video production tools and industry software, social media strategies and attention to computer-assisted reporting – the well-rounded basis to successfully enter careers in news, sports, features and investigative journalism. Within this major, students choose either a Broadcast Journalism or Multiplatform Journalism concentration.

Students also learn how to pitch stories to editors, how to find sources and conduct interviews, how to access key state and federal public records, and how to effectively present news content in today's multimedia world. In our state-of-the-art Mac journalism labs, students learn the Adobe design package including Photoshop and InDesign; they build audio-slideshows and video packages using Adobe Premier; and ultimately help build a journalism website using content management systems.

Many of our students participate in extracurricular activities at the university's fleet of award-winning media: The Rider News (http://www.theridernews.com) consistently wins state and regional journalism prizes from the Collegiate Press Association; The Rider University Network (http://runetwork.weebly.com) (R.U.N.) TV station has won numerous awards for audio management, video music entertainment, sports play-by-plays, and video documentaries; and in 2023, The Bronc

107.7 (http://www.1077thebronc.com) was named the best college radio station in the nation.

Curriculum Overview

Core classes in the journalism program include news reporting and writing, copy editing, publication design, feature writing, in-depth reporting, computer assisted reporting and advanced speech. Other classes include communication theory, writing for broadcast, public relations, organizational communication, photography, internal communication and more.

Degree Offered

- B.A. in Journalism
- Minor in Journalism

Contact

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Program Website: Journalism (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/journalism/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Sports Media (p. 538)
- Public Relations (p. 482)
- Radio and Podcasting (p. 493)
- Social Media Strategies (p. 512)
- Communication Studies (p. 114)
- Film & Television (p. 904)
- Graphic Design (p. 301)
- Web Design (p. 561)

Journalism Major and Concentration Requirements

(48 credits)

Journalism students must complete the requirements for the major (21 credits) and select either the Broadcast concentration or Multiplatform Journalism concentration (27 credits) to complete the program.

Journalism Major (p. 347)
Broadcast Journalism Concentration (p. 347)
Multiplatform Journalism Concentration (p. 347)

Journalism Major
(48 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core		**21**
COM 102	Introduction to News Writing	
COM 105	Communication, Culture and Media	
COM 131	Fundamentals of Video Production	
COM 264	Digital Media: Theory and Practice	
COM 204	Advanced Speech Communication	
COM 301	Communication Law	
COM 302	Communication Ethics	
Total Credits		**21**

[1]

Students may not carry a double major within the department. Communication and journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.

[2]

If a student receives a grade lower than "C" in a course required in a major or minor course in the department, the student must repeat the course. Credit will only be awarded once for a course that is repeated. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Multiplatform Journalism Concentration
(27 credits)

Code	Title	Credits
COM 203	Introduction to Social Media	3
COM 210	News Reporting and Writing	3
COM 211	Copy Editing	3
COM 212	Digital Publication Design	3
COM 315	Computer Assisted Reporting	3
COM 316	Feature Writing	3
COM 361	Photography	3
COM 415	In-Depth Reporting	3
Select one of the following:		**3**
COM 221	Speaking for Broadcast and Digital Media	
COM 232	Podcasting I	
COM 292	Content for Social Media	
COM 355	Social Justice and Journalism	
Total Credits		**27**

Broadcast Journalism Concentration
(27 credits)

Code	Title	Credits
COM 203	Introduction to Social Media	3
COM 210	News Reporting and Writing	3
COM 233	Writing for Broadcast	3
COM 315	Computer Assisted Reporting	3
COM 331	Television Production	3

or COM 270	Sports Multimedia Reporting	
COM 370	Sports Television and Field Production	3
or FTV 335	Documentary Production	
COM 380	Broadcast News Practicum	3
COM 415	In-Depth Reporting	3
Select one of the following:		**3**
COM 204	Advanced Speech Communication	
COM 221	Speaking for Broadcast and Digital Media	
COM 232	Podcasting I	
COM 261	Introduction to Web Design	
COM 292	Content for Social Media	
COM 355	Social Justice and Journalism	
Total Credits		**27**

Journalism Minor Requirements

(21 credits)

Note: Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department. (Exception: If a student elects the Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.)

Select either the Broadcast or Multiplatform Journalism minor.
Broadcast Journalism (p. 347)
Multiplatform Journalism (p. 348)

Broadcast Journalism
(21 credits)

Code	Title	Credits
COM 102	Introduction to News Writing	3
COM 210	News Reporting and Writing	3
COM 233	Writing for Broadcast	3
COM 331	Television Production [1]	3
or COM 270	Sports Multimedia Reporting	
COM 315	Computer Assisted Reporting	3
FTV 335	Documentary Production	3
or COM 370	Sports Television and Field Production	
COM 415	In-Depth Reporting	3
or COM 380	Broadcast News Practicum	
Total Credits		**21**

1 COM 270 may be taken only once to fulfill this requirement.

Multiplatform Journalism
(21 credits)

Code	Title	Credits
COM 102	Introduction to News Writing	3
COM 210	News Reporting and Writing	3
COM 211	Copy Editing	3
COM 212	Digital Publication Design	3
COM 315	Computer Assisted Reporting	3
COM 316	Feature Writing	3
COM 415	In-Depth Reporting	3
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 102	Introduction to News Writing	3
COM 131	Fundamentals of Video Production	3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 105	Communication, Culture and Media	3
COM 211	Copy Editing	3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 210	News Reporting and Writing	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language [1]		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 212 or COM 331 or COM 270	Digital Publication Design or Television News Production or Sports Multimedia Reporting	3
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Foreign Language [1]		3
Scientific Perspective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 203	Introduction to Social Media	3
COM 204	Advanced Speech Communication	3

COM 316 or COM 370 or FTV 335	Feature Writing or Sports Television and Field Production or Documentary Production	3
Social Perspectives		3
Elective Course Credits [6]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 301	Communication Law	3
COM 315	Computer Assisted Reporting	3
Journalism Elective		3
Elective Course Credits [6]		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 361 or COM 380	Photography [5] or Broadcast News Practicum	3
Elective Course Credits [6]		9
	Semester Credit Hours	**15**
Spring Semester		
COM 415	In-Depth Reporting	3
Elective Course Credits [6]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information visit https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing (https://www.rider.edu/about/offices-services/transition-programs/new-student-orientation/placement-testing/)

2

COM 211 Multiplatform Concentration, COM 233 Broadcast Concentration

3

COM 212 Multiplatform Concentration, COM 331 OR COM 270 Broadcast Concentration

4

COM 316 Multiplatform Concentration, COM 370 OR FTV 335 Broadcast Concentration

5

COM 361 Multiplatform Concentration, COM 380 Broadcast Concentration

6

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance — that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/ instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements. **Prerequisite**(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Latinx Studies

Overview

Housed in the Multicultural Studies program, the Latinx Studies minor focuses on major social, cultural, and political events in the Latinx experience in the United States and across the Latinx diaspora. The coursework draws from many disciplines, including foreign languages, history, sociology, political science, literature, and cultural studies, providing a broad range of ideas and information through which students explore Latinx Studies.

Student Learning Outcomes

Upon completing the minor in Latinx Studies, students will be able to:

1. Describe major social, cultural, and political events in the Latinx experience.
2. Explore and analyze Latinx experiences through the lens of different disciplines.
3. Compare and contrast the different experiences of Latin American descent peoples within the United States and across the Latinx diaspora.
4. Identify major figures in Latinx history and understand their impact on global and American society.

Degree Offered

- Minor in Latinx Studies

Contact

Pearlie Mae Peters, Ph.D.
Professor and Director, Multicultural Studies Program
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School of Humanities and Social Sciences
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Related Programs

- History (p. 323)
- Social Justice Through Civic Engagement (p. 509)
- Political Science (p. 449)
- Sociology (p. 518)
- Spanish (p. 527)

Latinx Studies Minor Requirements

(18 credits)

Code	Title	Credits
Latinx Studies Required Courses:		
MCS 110	Race, Class and Gender in Contemporary American Society	3
MCS 210	Power and Privilege in a Multicultural Society	3
SPA 312	Latinx Cultures	3
Select three from the following:		**9**
AMS 307	Depictions of Racism in American Literature, Music, and Film	
SPA 311	Latin American Cultures	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 426	Latin American/Latino Film and Fiction	
SPA 430	Latinx Community Engagement	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 307	The Immigrant in American Life	
POL 235	Race and Ethnicity in American Politics	
POL 365	Politics of the Developing World	
SOC 207	Racial and Ethnic Relations	
SOC 345	Race and Crime	
Total Credits		**18**

Courses and Descriptions

AMS 307 Depictions of Racism in American Literature, Music, and Film 3 Credits
Depictions of Racism in American Literature, Music, and Film will study representations of racism in the American arts in historical context. Students will examine artistic representations of practices that disadvantage and disfranchise non-white Americans, with an eye toward understanding the ways America's history of racist practices has prompted responses from American writers, musicians, and filmmakers.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

HIS 283 Modern Latin America 3 Credits
Considers the post-independence history of Latin America, emphasizing the rise of export economies and external economic domination, modernization, and pan- Americanism. Examines the changes undergone by Latin-American nations in the 20th century through an analysis of Mexico, Argentina, Chile, Brazil, Peru, Cuba, and Central America.

HIS 284 Caribbean History 3 Credits
Analyzes the history of the West Indian islands and the lands bordering the Caribbean Sea from pre-Columbian times to the present.

HIS 307 The Immigrant in American Life 3 Credits
Examines the experiences of immigrants in the United States, their assimilation, the reactions to them, and their contributions.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 210 Power and Privilege in a Multicultural Society 3 Credits
This course will examine how the intersection of power and privilege shapes race, gender and class relationships in the United States. Analyses will show how the legal, economic, political and social manifestations of power influence the assignments and distribution of privilege in the United States, both in historical and contemporary contexts. The impositions of power on identity in the social assignment of privilege will be an important component of the course. The two "big questions" to be examined in this course are: How do issues of race, ethnicity, class, age, religion, gender, and sexual orientation interact with privilege? How do the tensions between power, privilege, oppression and inequality lead to movements for social justice? Various interlocking systems of privileges—justice system, educational system, medical system, political system, economic system, etc.–will be examined, using the theoretical frameworks of inequality, oppression and dependency. Prominent public policies and social movements that have challenged the notions of power and privilege, both historically and contemporarily, will be examined: civil rights, women's suffrage, affirmative action, Occupy Wall Street, LGBT rights, Metoo movement, Equal Rights Amendment, Title IX, Lilly Ledbetter Fair Pay Act, etc.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 365 Politics of the Developing World 3 Credits
Studies the major political issues of the so-called "developing" world. Particular reference to political systems of Africa, Asia, Latin America, and the Middle East according to the relevance of the examples to large conceptual issues, and according to the major interests of the instructor. Typical issues include neocolonial dependency, the role of the state in newly developed countries, military rule and democratization.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SPA 311 Latin American Cultures 3 Credits
A panoramic survey of Latin American cultural achievements in light of the unique social and political history from the pre-Columbian period to the present. Classes are in English. No knowledge of Spanish is required.

SPA 312 Latinx Cultures 3 Credits
This course focuses on the cultural formation of Latinos/as/x in the United States, as well as the social and political motivations for Latin American migration to this country. Our class will analyze and question how various Latinx communities are grouped into a single U.S.-Latino Diaspora. This course takes a transdisciplinary approach, thus we will consider literary texts (short stories, poems, films, novels), historical and anthropological studies, and sociological works in our examination of Latinx cultures. The main goals of the course are for students to begin to conceptualize: 1) how the United States has been shaped by the presence of Latino/a/x communities, and 2) how Latino/a/x experiences are reflected in literature and art. Classes are in English. No knowledge of Spanish is required.

SPA 325 Introduction to Latin-American/Latino Literature 3 Credits
A study of the development of Latin-American and Latino literature from its origins to the present through the reading, analysis and discussion of representative works by major authors. This course increases the understanding of how social, historical, and political events, together with native as well as foreign literary movements, create a unique literature, conveying the Hispanic-American reality. Required for majors. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 426 Latin American/Latino Film and Fiction 3 Credits
A study of the main trends in contemporary Hispanic fiction written in Latin America and the United States. Analysis and discussion of selected novels and short stories, and their cinematic representation on film. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

Liberal Studies

Program Overview

This degree program enables students, through a variety of learning experiences, to consider life in the contemporary world. The curriculum provides for the development of writing, speaking, quantitative, and critical thinking skills and exposure to bodies of knowledge shared by educated persons. The program is offered through on-campus classes for adult students enrolled in the Continuing Education Program. Students have the opportunity to share common learning experiences and to develop personal plans of study for career advancement, personal growth, and graduate study.

Curriculum Overview

The Liberal Studies major provides a flexible curriculum, with on-campus or online coursework, for students whose goal is to further their personal interests and professional objectives. In addition to the concentrations offered (p. 361), students may propose concentrations of individual design (which must be approved by the faculty committee on individual study and a CEP advisor).

Degrees Offered

- B.A. in Liberal Studies

Contact

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Program Website: Liberal Studies (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/continuing-education/liberal-studies/)

Related Programs

- American Studies (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/american-studies/)
- History (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/history/)
- Political Science (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/political-science/)
- Sociology (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/sociology/)

Liberal Studies Program Requirements

(42 credits)

A candidate for graduation must complete a minimum of 120 credits. Of the required 120 credits, 36 must be in upper-level courses as determined by the respective department, including three credits from the liberal studies core and 18 from the concentration. A maximum of 30 credits from outside the arts and sciences may be presented for graduation.

Code	Title	Credits
Core Requirements		**48**
See Continuing Education Programs Core Requirements (p. 1150) [1, 2]		
Liberal Studies Core		**6**
LIB 200	Intro to Liberal Studies [3]	
LIB 400	Seminar in Liberal Studies	
Liberal Studies Concentration		**36**
Select from Humanities, Social Science, Applied Social Science, Applied Social Science with Business Studies Emphasis, Applied Social Science with Health Administration Emphasis, Global Studies, Law and Justice, Natural Science (p. 361)		
Free Electives		**30**
Total Credits		**120**

1

The quantitative skills requirement can be met by successfully completing one course in college-level mathematics or statistics. For students who don't transfer such a course to Rider, popular offerings include MTH 102, MSD 104, MSD 105, MSD 205, POL 201, PSY 201, or other mathematics courses approved by an advisor.

2

The information technology requirement may be fulfilled by completing CIS 185. Students who possess sufficient computer experience can gain credit for CIS 185 through assessment.

3

LIB 200 is waived for students who transfer 30 or more credits in liberal arts and sciences courses to Rider. Those students must complete an additional elective course.

LIB 200 Intro to Liberal Studies 3 Credits
Introduces students to the various perspectives and methods of the disciplines in liberal studies: natural and social sciences, humanities, and the arts. Students learn the multifaceted questions and answers offered by each discipline. They study the historical development of the university and the rise and transformation of liberal studies disciplines.

LIB 400 Seminar in Liberal Studies 3 Credits
A critical examination of the tradition of Western humanism and the way it has been transmitted through liberal arts education. Deals with a variable set of permanent problems in humanistic debate and learning e.g., specialization, the need for unifying theories of knowledge, the purpose of history, the place of intellectual life in mass society, the meaning of freedom, the modern problem of alienation, the responsibilities of the university, etc. Emphasis on why and how such problems have been addressed rather than any presumptive solutions.

LIB 490 Independent & Supervised Study 1-4 Credits
Independent and Supervised Study is available to CCS students for special study projects. Students much have completed a minimum of 45 credits applicable to a Rider degree and a minimum of 12 credit hours at Rider with a GPA of 2.5 or better. Each project may be taken for one-four credits and a maximum of six credits may be applied to the associate degree, 12 credits to the bachelor degree.

Areas of Concentration

For the Bachelor of Science in Liberal Studies, select one of the following concentration areas:

- Applied Social Science (p. 362) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/continuing-education-programs/bachelors-degree-programs/liberal-studies/concentrations/#applied%20social%20science)
- Applied Social Science Concentration with Business Studies Emphasis (p. 362)
- Applied Social Science Concentration with Health Administration Emphasis (p. 362) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/continuing-education-programs/bachelors-degree-programs/liberal-studies/concentrations/#applied%20social%20health)
- Global Studies (p. 363)
- Humanities (p. 363)
- Law and Justice (p. 364)
- Natural Science (p. 365)
- Natural Science Concentration with Health Administration Emphasis (p. 365)
- Social Science (p. 366)

For the Bachelor of Science in Liberal Studies Online, students may choose one of the following concentration areas:

- Applied Social Science (p. 362)
- Applied Social Science Concentration with Business Studies Emphasis (p. 362)
- Social Science (p. 366)

For assistance with concentration requirements please contact:

Dr. Brooke Hunter
Associate Dean
College of Arts and Sciences
Lynch Adler Hall, #117
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Applied Social Science

(36 credits)

Code	Title	Credits
Communication		**3**
Any COM Course		
Law and Justice		**12**
Select four of the following:		
SOC 150	Introduction to Forensics	
SOC 210	Criminal Investigation	
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
LAW 395	Selected Topics in Law/Justice	
Political Science		**12**
Select four of the following:		
POL 100	U.S. Politics in Crisis	
POL 102	Power, Politics and Justice	
POL 200	NJ Government and Politics	
POL 210	Public Opinion	
POL 230	Methods of Political Analysis	
POL 260	Politics of Law and Order	
POL 247	Political Campaigning	
POL 325	Public Administration	
POL 326	Power in American Politics	
POL 327	Contemporary Issues in American Public Policy	
POL 335	Urban Politics	
Psychology		**3**
Any PSY course except PSY 335 or PSY 336		
Sociology		**3**
Any SOC Course		
Social Work		**3**
Any SOW course		
Total Credits		**36**

Applied Social Science Concentration with Business Studies Emphasis

(36 credits)

In addition to the required courses below, students must complete 18 credits within the Applied Social Science Concentration above or elsewhere in the program, unless otherwise noted.

Code	Title	Credits
Required Courses		
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
ACC 210	Introduction to Accounting	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
FIN 220	Introduction to Finance	3
Total Credits		**18**

Additional business electives may be taken in the following disciplines: Accounting, Business Policy and Environment, Information Systems, Economics, Finance, Health Administration, Human Resource Management, Management and Leadership, or Marketing. Credits outside the College of Arts or Sciences may not exceed 30.

Applied Social Science Concentration with Health Administration Emphasis

(36 credits)

In addition to the required courses below, students must complete 18 credits within the Applied Social Science Concentration or elsewhere in the program, unless otherwise noted.

Code	Title	Credits
Required Course:		
HTH 205	Introduction to Health Care	3
Category I		
Select two of the following:		6
BIO 206	The Pharmaceutical Industry [1]	
HTH 315	Health Care Law, Ethics and Policy	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System	
or ECO 336	Economics of Health Care Sys	
MKT 380	Health Care Marketing [1]	
Category II		
Select three of the following:		9
BIO 206	The Pharmaceutical Industry [1]	
CBA 316	Nature's Business	
ECO 335	Economics of the Public Sector	
GLS 325	Global Perspectives on Health and Illness	
HTH 215	Population Health Care Management	
HTH 315	Health Care Law, Ethics and Policy [1]	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System [1]	
or ECO 336	Economics of Health Care Sys	
HTH 491	Health Management Internship	
MGT 310	Intro to Human Resource Mgmt	
MKT 380	Health Care Marketing	
PHL 304	Medical Ethics	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 345	Health Psychology	
PSY 374	Psychology of the Family	
PSY 365	Drugs and Human Behavior	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
SOC 205	Families	
SOC 346	Health Care and Society	
SOC 347	Aging and the Elderly	
SOC 350	Social Policy	
SOW 200	Social Services & Social Work	
Total Credits		**18**

1 These courses may only be used to fulfill the requirements of a single category.

Global Studies

(36 credits)

Code	Title	Credits
A. General Requirements		
Select one of the following:		3
GLS 180	Understanding Global Relations	
GLS 200	The Social Construction of Global Society	
GLS 201	Politics of the Global Economy	
Foreign Language and Culture		
Foreign Language: any 6 credits		6
Cultural Perspective		**6**
Select at least 6 credits from the following:		
CHI 310	Chinese Culture and Civilization	
FRE 311	French Culture	
PHL 207	Asian Philosophy	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
B. Elective Courses		
Select seven courses from the following areas:		21
Global and Multinational Studies		
POL 210	Public Opinion	
POL 215	Global Politics	
POL 306	American Political Film	
POL 307	Political Communication	
POL 315	Global Issues	
POL 319	Terrorism, Revolutions and Political Violence	
POL 320	Politics of the Middle East	
GLS 325	Global Perspectives on Health and Illness	
POL 365	Politics of the Developing World	
COM 393	International Communication	
History		

HIS 243	Italy Middle Ages to Present
HIS 248	History of Ireland
HIS 281	Modern Middle East
HIS 282	Colonial Latin America
HIS 283	Modern Latin America
HIS 284	Caribbean History
HIS 286	Modern East Asia
HIS 288	African History
HIS 289	History of Modern Japan
HIS 333	20th-Century Europe
HIS 336	Modern European Intellectual History
HIS 341	China in Revolution
HIS 342	Women in East Asia
Literature	
ENG 211	Major British Authors
ENG 347	20th-Century British Literature
LIT 250	Masterworks of Western Literature I
LIT 251	Masterworks of Western Literature II
LIT 370	European Short Novel
Socio-political	
COM 393	International Communication
POL 210	Public Opinion
POL 215	Global Politics
POL 306	American Political Film
POL 307	Political Communication
POL 315	Global Issues
POL 320	Politics of the Middle East
POL 365	Politics of the Developing World
SOC 341	Developing Societies
Global Business	
BUS 375	International Business Law
ECO 305	Internatl Trade and Investment
ECO 315	Comparative Economic Systems
FIN 308	International Finance
MGT 375	International Management
MKT 330	International Marketing
Global Travel Opportunities	
CBA 315	International Business Tour
IND 210	Global Encounters
MUS 312	The Arts Abroad
or THE 312	The Arts Abroad
Other travel courses as approved.	
Total Credits	**36**

Humanities

(36 credits)

Code	Title	Credits
Complete courses as indicated below:		
American Studies		**6**
Select two of the following:		
AMS 213	American Myth in Literature, Landscape, and Music	
AMS 214	Special Topics in American Studies	
AMS 215	Alfred Hitchcock in America	
AMS 225	American Folklore	
AMS 226	The New South in Literature, Music and Film	
AMS 227	Martin Luther King Jr's America	
AMS 228	Studies in American Jewish Culture	
AMS 229	American Popular Culture	
AMS 310	American Identity in the Arts	
AMS 312	American Photography	
AMS 400	Seminar in American Studies I	
AMS 401	Seminar in American Studies II	
Communication		**3**
COM 361	Photography	
English Literature and Writing		**3**
Any ENG or LIT course		
Fine Arts		**3**
Any ART, DAN, MUS or THE course		
Foreign Languages and Literatures		**3**
Any LIT, CHI, FRE, GER, ITA, or SPA course		
Gender and Sexuality Studies		**3**
Select one of the following:		
GSS 300	Feminist Literary Criticism	
GSS 312	Gender, War and Peace	
GSS 313	Gender and Ethics	
Global and Multinational Studies		**3**
Select one of the following:		
POL 306	American Political Film	
MUS 308	World Music	
GLS 310	Ethnographic Film	
Law and Justice		**3**
Select one of the following:		
LAW 395	Selected Topics in Law/Justice	
SOC 204	Law, Literature, and Film in America	
SOC 302	Crime & Justice in the Media	
Multicultural Studies		**3**
MCS 220	Issues in Multicultural Studies	
Philosophy		**3**
Any PHL course		
Political Science		**3**
POL 306/GLS 306	American Political Film	
Total Credits		**36**

Law and Justice

At least 18 credits overall must be upper level. Additional courses may be needed as prerequisites for courses in the concentration. Additional courses may be used to fulfill other requirements in the degree program.

(36 credits)

Code	Title	Credits
A. Multidisciplinary Approaches to Law, Legal Issues and Institutions		**18**
Select at least six courses from the following disciplines. A minimum of three disciplines must be represented.		
Business Policy		
BUS 210	Intro to Law: Contracts	
BUS 211	Commercial Law	
BUS 214	Advanced Business Law	
BUS 300	The Legal and Ethical Environment of Business	
BUS 315	Health Care Law, Ethics & Policy	
BUS 444	Selected Topics Business Policy	
Communication		
COM 301	Communication Law	
Health Administration		
HTH 315/BUS 315	Health Care Law, Ethics and Policy	
History		
HIS 301	Constitutional History of U.S.	
Human Resource Management		
HRM 313	Legal Aspects of Human Res Mgt	
Law and Justice Interdisciplinary Courses		
LAW 140	Intro Seminar in Law & Justice	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
LAW 395	Selected Topics in Law/Justice	
LAW 490	Independent Study: Research and Creative Expression	
LAW 496	Honors Thesis in Law & Justice	
SOC 150	Introduction to Forensics	
SOC 204	Law, Literature, and Film in America	
SOC 210	Criminal Investigation	
SOC 302	Crime & Justice in the Media	
SOC 304	Women and Law	
SOC 318	Hate Crimes in the United States	
SOC 351	The Rights of the Accused	
Philosophy		
PHL 303	Philosophy of Law	
Political Science		
POL 260	Politics of Law and Order	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 361	Courts, Judges and Politics	
Psychology		
PSY 379	Psychology and Law	
Sociology		
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 216	Youth and Crime	
SOC 246	Drugs, Crime & American Society	
SOC 313	Gender and Criminal Justice	
SOC 317	Law and Lawyers	
SOC 321	White Collar and Corporate Crime	
SOC 322	Punishment and Corrections	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
SOC 345	Race and Crime	
B. Law-related Courses		**12**
Select four courses from the following disciplines. At least two disciplines must be represented.		
Students may select two additional courses from Category A (Multidisciplinary Approaches to Law, Legal Issues, and Institutions) instead of Category B (Law-related Courses).		
Communication		
COM 251	Interpersonal Communication	
COM 252/GLS 252	Intercultural Communication	
COM 302	Communication Ethics	
COM 322	Argumentation and Advocacy	
Management and Human Resources		
HRM 312	Intro to Labor Relations	
Philosophy		
PHL 115	Ethics	
PHL 202	Social Philosophy	
PHL 203	Business Ethics	
PHL 304	Medical Ethics	
PHL 360	Contemporary Ethics	
Political Science		
POL 235	Race and Ethnicity in American Politics	
POL 325	Public Administration	
POL 326	Power in American Politics	
POL 327	Contemporary Issues in American Public Policy	
POL 335	Urban Politics	
Psychology		
PSY 220	Clinical Psychology and Mental Health	
Sociology		
SOC 205	Families	
SOC 206	Deviance and Crime	
SOC 207	Racial and Ethnic Relations	
SOC 308	Cities And Suburbs	
SOC 340	Power and Politics	
SOC 350	Social Policy	
C. Theory/Application		**3**
Select one of the following:		
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 491	Internship in Law and Justice (recommended)	
SOC 307	Criminal Justice Practice	
D. Law and Justice Senior Courses		**3**
Select one of the following:		
LAW 450	Law & Justice Senior Seminar	
LAW 490	Independent Study: Research and Creative Expression	
LAW 496	Honors Thesis in Law & Justice	
Total Credits		**36**

Natural Science

(36 credits)

Code	Title	Credits
Natural Science (12 courses)		**36**
Includes courses in the following disciplines: Biochemistry (BCH), Biology (BIO), Behavioral Neuroscience (BNS), Chemistry (CHE), Geological, Environmental and Marine Sciences (GEO, ENV, MAR), Physics (PHY), Psychology (PSY)		
PSY 131	The Science of Mental Illness	
PSY 238	Sensation and Perception	
PSY 255	Biopsychology	
PSY 330	Developmental Disabilities	
PSY 333	Autism Spectrum Disorder	
PSY 335	Research Methods: Human Cognitive Neuroscience	
PSY 336	Research Methods: Animal Learning & Behavior	
PSY 345	Health Psychology	
PSY 365	Drugs and Human Behavior	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	

Natural Science Concentration with Health Administration Emphasis

(36 credits)

Code	Title	Credits
Complete 18 credits within the Natural Science concentration or elsewhere in the program, unless otherwise noted.		18
Required Course:		
HTH 205	Introduction to Health Care	3
Category I		
Select two of the following:		6
BIO 206	The Pharmaceutical Industry [1]	
HTH 315	Health Care Law, Ethics and Policy [1]	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System [1]	
or ECO 336	Economics of Health Care Sys	
MKT 380	Health Care Marketing [1]	
Category II		
Select three of the following:		9
BIO 100	Life Science	
BIO 115	Principles of Biology I	
or BIO 115L	Principles of Biology I Lab	
BIO 206	The Pharmaceutical Industry [1]	
BIO 221	Human Anatomy & Physiology I	
or BIO 221L	Human Anatomy & Physiology I Lab	
BNS 107	Life Science: Brain and Behavior	
BNS 275	Behavioral Neuroscience	
or BNS 275L	Behavioral Neuroscience Lab	
CHE 115	Chemistry & Society	
GLS 325	Global Perspectives on Health and Illness	
HTH 215	Population Health Care Management	
HTH 491	Health Management Internship	
PHL 304	Medical Ethics	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 345	Health Psychology	
PSY 365	Drugs and Human Behavior	
PSY 374	Psychology of the Family	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
Total Credits		**36**

1 These courses may only be used to fulfill the requirements of a single category.

Social Science

(36 credits)

Code	Title	Credits
American Studies		**6**
Select three of the following:		
AMS 210	American Memoir and Autobiography	
AMS 211	Sports in American Life	
AMS 212	Multicultural America	
AMS 214	Special Topics in American Studies	
AMS 250	America and the Future	
AMS 304	Technology and Science in America	
AMS 305	Religion in America	
AMS 311	Radicalism in 20th-Century America	
AMS 338	Social Impact of Rock and Roll	
Communication		**6**
Select two of the following:		
COM 105	Communication, Culture and Media	
COM 201	Communication Theory	
COM 205	Persuasion	
COM 301	Communication Law	
COM 302	Communication Ethics	
COM 318/GND 318	Gender and Communication	
COM 390	Communication and Society	
COM 391	Communication Criticism	
COM 393/GLS 393	International Communication	
Economics		**3**
Any ECO course		
Gender and Sexuality Studies		**3**
Select one of the following:		
GSS 100	Introduction to Gender Studies	
GSS 200	Introduction to Women's Studies	
GSS 312	Gender, War and Peace	
GSS 318	Gender and Communication	
GSS 350	Leadership and Community	

GSS 400	Seminar in Transcultural Gender and Sexuality	
History		**3**
Any HIS course		
Law and Justice		**3**
Select one of the following:		
LAW 308	Conflict & Conflict Resolution	
LAW 395	Selected Topics in Law/Justice	
SOC 210	Criminal Investigation	
SOC 304	Women and Law	
SOC 318	Hate Crimes in the United States	
SOC 351	The Rights of the Accused	
Multicultural Studies		**3**
Any MCS course		
Political Science		**3**
Any POL course		
Psychology		**3**
Any PSY course except PSY 335 or PSY 336		
Sociology		**3**
Any SOC course		
Total Credits		**36**

Liberal Studies Online

Program Overview

This degree program enables students, through a variety of learning experiences, to consider life in the contemporary world. The curriculum provides for the development of writing, speaking, quantitative, and critical thinking skills and exposure to bodies of knowledge shared by educated persons. The program is offered for adult students enrolled in the Continuing Education Programs as a fully online program. Students have the opportunity to share common learning experiences and to develop personal plans of study for career advancement, personal growth, and graduate study.

Curriculum Overview

The Liberal Studies major provides a flexible curriculum through online coursework, for students whose goal is to further their personal interests and professional objectives. In addition to the concentrations offered (p. 361), students may propose concentrations of individual design (which must be approved by the faculty committee on individual study and a CEP advisor).

Degrees Offered

- B.A. in Liberal Studies

Contact

Brooke Hunter, PhD.
Associate Dean
College of Arts and Sciences
Lynch Adler Hall, #117
609-896-5378
bhunter@rider.edu

Liberal Studies Online Program Requirements

(42 credits)

A candidate for graduation must complete a minimum of 120 credits. Of the required 120 credits, 36 must be in upper-level courses as determined by the respective department, including three credits from the liberal studies core and 18 credits from the selected concentration. A maximum of 30 credits from outside the arts and sciences may be presented for graduation.

Code	Title	Credits
Core Requirements		**48**
See Continuing Education Programs Core Requirements (p. 1150) [1,2]		
Liberal Studies Core		
Complete the following courses:		
LIB 200	Intro to Liberal Studies [3]	3
LIB 400	Seminar in Liberal Studies	3
Liberal Studies Concentration		**36**
Select Social Science, Applied Social Science or Applied Social Science with Business Studies Emphasis (p. 361)		
Free Electives		**30**
Total Credits		**120**

Courses and Descriptions

LIB 200 Intro to Liberal Studies 3 Credits
Introduces students to the various perspectives and methods of the disciplines in liberal studies: natural and social sciences, humanities, and the arts. Students learn the multifaceted questions and answers offered by each discipline. They study the historical development of the university and the rise and transformation of liberal studies disciplines.

LIB 400 Seminar in Liberal Studies 3 Credits
A critical examination of the tradition of Western humanism and the way it has been transmitted through liberal arts education. Deals with a variable set of permanent problems in humanistic debate and learning e.g., specialization, the need for unifying theories of knowledge, the purpose of history, the place of intellectual life in mass society, the meaning of freedom, the modern problem of alienation, the responsibilities of the university, etc. Emphasis on why and how such problems have been addressed rather than any presumptive solutions.

LIB 490 Independent & Supervised Study 1-4 Credits
Independent and Supervised Study is available to CCS students for special study projects. Students much have completed a minimum of 45 credits applicable to a Rider degree and a minimum of 12 credit hours at Rider with a GPA of 2.5 or better. Each project may be taken for one-four credits and a maximum of six credits may be applied to the associate degree, 12 credits to the bachelor degree.

Areas of Concentration

For the Bachelor of Science in Liberal Studies, select one of the following concentration areas:

- Applied Social Science (p. 362) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/continuing-education-programs/bachelors-degree-programs/liberal-studies/concentrations/#applied%20social%20science)
- Applied Social Science Concentration with Business Studies Emphasis (p. 362)
- Applied Social Science Concentration with Health Administration Emphasis (p. 362) (http://catalog.rider.edu/undergraduate/colleges-schools/arts-sciences/continuing-education-programs/bachelors-degree-programs/liberal-studies/concentrations/#applied%20social%20health)

- Global Studies (p. 363)
- Humanities (p. 363)
- Law and Justice (p. 364)
- Natural Science (p. 365)
- Natural Science Concentration with Health Administration Emphasis (p. 365)
- Social Science (p. 366)

For the Bachelor of Science in Liberal Studies Online, students may choose one of the following concentration areas:

- Applied Social Science (p. 362)
- Applied Social Science Concentration with Business Studies Emphasis (p. 362)
- Social Science (p. 366)

For assistance with concentration requirements please contact:

Dr. Brooke Hunter
Associate Dean
College of Arts and Sciences
Lynch Adler Hall, #117
609-896-5378
bhunter@rider.edu

Applied Social Science

(36 credits)

Code	Title	Credits
Communication		**3**
Any COM Course		
Law and Justice		**12**
Select four of the following:		
SOC 150	Introduction to Forensics	
SOC 210	Criminal Investigation	
LAW 305	Trial Advocacy	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
LAW 395	Selected Topics in Law/Justice	
Political Science		**12**
Select four of the following:		
POL 100	U.S. Politics in Crisis	
POL 102	Power, Politics and Justice	
POL 200	NJ Government and Politics	
POL 210	Public Opinion	
POL 230	Methods of Political Analysis	
POL 260	Politics of Law and Order	
POL 247	Political Campaigning	
POL 325	Public Administration	
POL 326	Power in American Politics	
POL 327	Contemporary Issues in American Public Policy	
POL 335	Urban Politics	
Psychology		**3**
Any PSY course except PSY 335 or PSY 336		
Sociology		**3**
Any SOC Course		
Social Work		**3**
Any SOW course		
Total Credits		**36**

Applied Social Science Concentration with Business Studies Emphasis

(36 credits)

In addition to the required courses below, students must complete 18 credits within the Applied Social Science Concentration above or elsewhere in the program, unless otherwise noted.

Code	Title	Credits
Required Courses		
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
ACC 210	Introduction to Accounting	3
MGT 201	Fund Management & Org Behavior	3
MKT 200	Marketing Principles	3
FIN 220	Introduction to Finance	3
Total Credits		**18**

Additional business electives may be taken in the following disciplines: Accounting, Business Policy and Environment, Information Systems, Economics, Finance, Health Administration, Human Resource Management, Management and Leadership, or Marketing. Credits outside the College of Arts or Sciences may not exceed 30.

Applied Social Science Concentration with Health Administration Emphasis

(36 credits)

In addition to the required courses below, students must complete 18 credits within the Applied Social Science Concentration or elsewhere in the program, unless otherwise noted.

Code	Title	Credits
Required Course:		
HTH 205	Introduction to Health Care	3
Category I		
Select two of the following:		6
BIO 206	The Pharmaceutical Industry [1]	
HTH 315	Health Care Law, Ethics and Policy	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System	
or ECO 336	Economics of Health Care Sys	
MKT 380	Health Care Marketing [1]	
Category II		
Select three of the following:		9
BIO 206	The Pharmaceutical Industry [1]	
CBA 316	Nature's Business	
ECO 335	Economics of the Public Sector	
GLS 325	Global Perspectives on Health and Illness	

HTH 215	Population Health Care Management	
HTH 315	Health Care Law, Ethics and Policy [1]	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System [1]	
or ECO 336	Economics of Health Care Sys	
HTH 491	Health Management Internship	
MGT 310	Intro to Human Resource Mgmt	
MKT 380	Health Care Marketing	
PHL 304	Medical Ethics	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 345	Health Psychology	
PSY 374	Psychology of the Family	
PSY 365	Drugs and Human Behavior	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
SOC 205	Families	
SOC 346	Health Care and Society	
SOC 347	Aging and the Elderly	
SOC 350	Social Policy	
SOW 200	Social Services & Social Work	
Total Credits		**18**

1

These courses may only be used to fulfill the requirements of a single category.

Global Studies

(36 credits)

Code	Title	Credits
A. General Requirements		
Select one of the following:		3
GLS 180	Understanding Global Relations	
GLS 200	The Social Construction of Global Society	
GLS 201	Politics of the Global Economy	
Foreign Language and Culture		
Foreign Language: any 6 credits		6
Cultural Perspective		**6**
Select at least 6 credits from the following:		
CHI 310	Chinese Culture and Civilization	
FRE 311	French Culture	
PHL 207	Asian Philosophy	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
B. Elective Courses		
Select seven courses from the following areas:		21
Global and Multinational Studies		
POL 210	Public Opinion	
POL 215	Global Politics	
POL 306	American Political Film	
POL 307	Political Communication	
POL 315	Global Issues	
POL 319	Terrorism, Revolutions and Political Violence	
POL 320	Politics of the Middle East	
GLS 325	Global Perspectives on Health and Illness	
POL 365	Politics of the Developing World	
COM 393	International Communication	
History		
HIS 243	Italy Middle Ages to Present	
HIS 248	History of Ireland	
HIS 281	Modern Middle East	
HIS 282	Colonial Latin America	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 286	Modern East Asia	
HIS 288	African History	
HIS 289	History of Modern Japan	
HIS 333	20th-Century Europe	
HIS 336	Modern European Intellectual History	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
Literature		
ENG 211	Major British Authors	
ENG 347	20th-Century British Literature	
LIT 250	Masterworks of Western Literature I	
LIT 251	Masterworks of Western Literature II	
LIT 370	European Short Novel	
Socio-political		
COM 393	International Communication	
POL 210	Public Opinion	
POL 215	Global Politics	
POL 306	American Political Film	
POL 307	Political Communication	
POL 315	Global Issues	
POL 320	Politics of the Middle East	
POL 365	Politics of the Developing World	
SOC 341	Developing Societies	
Global Business		
BUS 375	International Business Law	
ECO 305	Internatl Trade and Investment	
ECO 315	Comparative Economic Systems	
FIN 308	International Finance	
MGT 375	International Management	
MKT 330	International Marketing	
Global Travel Opportunities		
CBA 315	International Business Tour	
IND 210	Global Encounters	
MUS 312	The Arts Abroad	
or THE 312	The Arts Abroad	
Other travel courses as approved.		
Total Credits		**36**

Humanities

(36 credits)

Code	Title	Credits
Complete courses as indicated below:		
American Studies		**6**
Select two of the following:		
AMS 213	American Myth in Literature, Landscape, and Music	
AMS 214	Special Topics in American Studies	
AMS 215	Alfred Hitchcock in America	
AMS 225	American Folklore	
AMS 226	The New South in Literature, Music and Film	
AMS 227	Martin Luther King Jr's America	
AMS 228	Studies in American Jewish Culture	
AMS 229	American Popular Culture	
AMS 310	American Identity in the Arts	
AMS 312	American Photography	
AMS 400	Seminar in American Studies I	
AMS 401	Seminar in American Studies II	
Communication		**3**
COM 361	Photography	
English Literature and Writing		**3**
Any ENG or LIT course		
Fine Arts		**3**
Any ART, DAN, MUS or THE course		
Foreign Languages and Literatures		**3**
Any LIT, CHI, FRE, GER, ITA, or SPA course		
Gender and Sexuality Studies		**3**
Select one of the following:		
GSS 300	Feminist Literary Criticism	
GSS 312	Gender, War and Peace	
GSS 313	Gender and Ethics	
Global and Multinational Studies		**3**
Select one of the following:		
POL 306	American Political Film	
MUS 308	World Music	
GLS 310	Ethnographic Film	
Law and Justice		**3**
Select one of the following:		
LAW 395	Selected Topics in Law/Justice	
SOC 204	Law, Literature, and Film in America	
SOC 302	Crime & Justice in the Media	
Multicultural Studies		**3**
MCS 220	Issues in Multicultural Studies	
Philosophy		**3**
Any PHL course		
Political Science		**3**
POL 306/GLS 306	American Political Film	
Total Credits		**36**

Law and Justice

At least 18 credits overall must be upper level. Additional courses may be needed as prerequisites for courses in the concentration. Additional courses may be used to fulfill other requirements in the degree program.

(36 credits)

Code	Title	Credits
A. Multidisciplinary Approaches to Law, Legal Issues and Institutions		**18**
Select at least six courses from the following disciplines. A minimum of three disciplines must be represented.		
Business Policy		
BUS 210	Intro to Law: Contracts	
BUS 211	Commercial Law	
BUS 214	Advanced Business Law	
BUS 300	The Legal and Ethical Environment of Business	
BUS 315	Health Care Law, Ethics & Policy	
BUS 444	Selected Topics Business Policy	
Communication		
COM 301	Communication Law	
Health Administration		
HTH 315/BUS 315	Health Care Law, Ethics and Policy	
History		
HIS 301	Constitutional History of U.S.	
Human Resource Management		
HRM 313	Legal Aspects of Human Res Mgt	
Law and Justice Interdisciplinary Courses		
LAW 140	Intro Seminar in Law & Justice	
LAW 308	Conflict & Conflict Resolution	
LAW 310	Cyberspace Law and Policy	
LAW 355	Sports and the Law	
LAW 395	Selected Topics in Law/Justice	
LAW 490	Independent Study: Research and Creative Expression	
LAW 496	Honors Thesis in Law & Justice	
SOC 150	Introduction to Forensics	
SOC 204	Law, Literature, and Film in America	
SOC 210	Criminal Investigation	
SOC 302	Crime & Justice in the Media	
SOC 304	Women and Law	
SOC 318	Hate Crimes in the United States	
SOC 351	The Rights of the Accused	
Philosophy		
PHL 303	Philosophy of Law	
Political Science		
POL 260	Politics of Law and Order	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 361	Courts, Judges and Politics	
Psychology		
PSY 379	Psychology and Law	
Sociology		

SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections
SOC 216	Youth and Crime
SOC 246	Drugs, Crime & American Society
SOC 313	Gender and Criminal Justice
SOC 317	Law and Lawyers
SOC 321	White Collar and Corporate Crime
SOC 322	Punishment and Corrections
SOC 342	Police and American Society
SOC 343	Policing and Counter Terrorism
SOC 345	Race and Crime
B. Law-related Courses	**12**
Select four courses from the following disciplines. At least two disciplines must be represented.	
Students may select two additional courses from Category A (Multidisciplinary Approaches to Law, Legal Issues, and Institutions) instead of Category B (Law-related Courses).	
Communication	
COM 251	Interpersonal Communication
COM 252/GLS 252	Intercultural Communication
COM 302	Communication Ethics
COM 322	Argumentation and Advocacy
Management and Human Resources	
HRM 312	Intro to Labor Relations
Philosophy	
PHL 115	Ethics
PHL 202	Social Philosophy
PHL 203	Business Ethics
PHL 304	Medical Ethics
PHL 360	Contemporary Ethics
Political Science	
POL 235	Race and Ethnicity in American Politics
POL 325	Public Administration
POL 326	Power in American Politics
POL 327	Contemporary Issues in American Public Policy
POL 335	Urban Politics
Psychology	
PSY 220	Clinical Psychology and Mental Health
Sociology	
SOC 205	Families
SOC 206	Deviance and Crime
SOC 207	Racial and Ethnic Relations
SOC 308	Cities And Suburbs
SOC 340	Power and Politics
SOC 350	Social Policy
C. Theory/Application	**3**
Select one of the following:	
LAW 305	Trial Advocacy
LAW 308	Conflict & Conflict Resolution
LAW 491	Internship in Law and Justice (recommended)
SOC 307	Criminal Justice Practice
D. Law and Justice Senior Courses	**3**
Select one of the following:	
LAW 450	Law & Justice Senior Seminar
LAW 490	Independent Study: Research and Creative Expression
LAW 496	Honors Thesis in Law & Justice
Total Credits	**36**

Natural Science

(36 credits)

Code	Title	Credits
Natural Science (12 courses)		**36**
Includes courses in the following disciplines: Biochemistry (BCH), Biology (BIO), Behavioral Neuroscience (BNS), Chemistry (CHE), Geological, Environmental and Marine Sciences (GEO, ENV, MAR), Physics (PHY), Psychology (PSY)		
PSY 131	The Science of Mental Illness	
PSY 238	Sensation and Perception	
PSY 255	Biopsychology	
PSY 330	Developmental Disabilities	
PSY 333	Autism Spectrum Disorder	
PSY 335	Research Methods: Human Cognitive Neuroscience	
PSY 336	Research Methods: Animal Learning & Behavior	
PSY 345	Health Psychology	
PSY 365	Drugs and Human Behavior	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	

Natural Science Concentration with Health Administration Emphasis

(36 credits)

Code	Title	Credits
Complete 18 credits within the Natural Science concentration or elsewhere in the program, unless otherwise noted.		18
Required Course:		
HTH 205	Introduction to Health Care	3
Category I		
Select two of the following:		6
BIO 206	The Pharmaceutical Industry [1]	
HTH 315	Health Care Law, Ethics and Policy [1]	
or BUS 315	Health Care Law, Ethics & Policy	
HTH 336	Economics of Health Care System [1]	
or ECO 336	Economics of Health Care Sys	
MKT 380	Health Care Marketing [1]	
Category II		
Select three of the following:		9
BIO 100	Life Science	
BIO 115	Principles of Biology I	
or BIO 115L	Principles of Biology I Lab	
BIO 206	The Pharmaceutical Industry [1]	
BIO 221	Human Anatomy & Physiology I	

or BIO 221L	Human Anatomy & Physiology I Lab	
BNS 107	Life Science: Brain and Behavior	
BNS 275	Behavioral Neuroscience	
or BNS 275L	Behavioral Neuroscience Lab	
CHE 115	Chemistry & Society	
GLS 325	Global Perspectives on Health and Illness	
HTH 215	Population Health Care Management	
HTH 491	Health Management Internship	
PHL 304	Medical Ethics	
PSY 131	The Science of Mental Illness	
PSY 220	Clinical Psychology and Mental Health	
PSY 345	Health Psychology	
PSY 365	Drugs and Human Behavior	
PSY 374	Psychology of the Family	
PSY 382	Aging, Brain, and Cognition	
PSY 385	Death, Dying and Suicide	
Total Credits		**36**

[1]

These courses may only be used to fulfill the requirements of a single category.

Social Science

(36 credits)

Code	Title	Credits
American Studies		**6**
Select three of the following:		
AMS 210	American Memoir and Autobiography	
AMS 211	Sports in American Life	
AMS 212	Multicultural America	
AMS 214	Special Topics in American Studies	
AMS 250	America and the Future	
AMS 304	Technology and Science in America	
AMS 305	Religion in America	
AMS 311	Radicalism in 20th-Century America	
AMS 338	Social Impact of Rock and Roll	
Communication		**6**
Select two of the following:		
COM 105	Communication, Culture and Media	
COM 201	Communication Theory	
COM 205	Persuasion	
COM 301	Communication Law	
COM 302	Communication Ethics	
COM 318/GND 318	Gender and Communication	
COM 390	Communication and Society	
COM 391	Communication Criticism	
COM 393/GLS 393	International Communication	
Economics		**3**
Any ECO course		
Gender and Sexuality Studies		**3**
Select one of the following:		
GSS 100	Introduction to Gender Studies	
GSS 200	Introduction to Women's Studies	
GSS 312	Gender, War and Peace	
GSS 318	Gender and Communication	
GSS 350	Leadership and Community	
GSS 400	Seminar in Transcultural Gender and Sexuality	
History		**3**
Any HIS course		
Law and Justice		**3**
Select one of the following:		
LAW 308	Conflict & Conflict Resolution	
LAW 395	Selected Topics in Law/Justice	
SOC 210	Criminal Investigation	
SOC 304	Women and Law	
SOC 318	Hate Crimes in the United States	
SOC 351	The Rights of the Accused	
Multicultural Studies		**3**
Any MCS course		
Political Science		**3**
Any POL course		
Psychology		**3**
Any PSY course except PSY 335 or PSY 336		
Sociology		**3**
Any SOC course		
Total Credits		**36**

Nursing: Online R.N. to B.S.N.

Program Overview

Designed for working nurses, Rider's asynchronous, online RN to BSN program lets students gain the knowledge, skills, and experiences to advance professionally while balancing their career and family life.

The experience, skills, and compassion an individual brings to their nursing role transforms the lives of the patients, families, and communities. Evolving and emerging changes to population health and healthcare environments presents nursing professionals with new challenges — and exciting opportunities. The RN to BSN program prepares nurses to care for diverse communities and to lead change to improve patient outcomes in a variety of healthcare settings.

Nursing Program Mission Statement

Philosophy of the nursing program adheres to the Neuman Systems Model as a holistic, systematic approach to nursing, patients, environment, and health. The patient is defined as individuals, families, or communities that are multidimensional systems with physiology, psychological, socio-cultural and development attributes. Each attribute emphasizes the diversity and unique nature of the patient. These attributes provide basic survival factors, lines of defense from internal and external stressors, and lines of resistance that contribute to primary, secondary, and tertiary adaptation to relative wellness. The patient is in constant connection to the environment. The patient can draw energy from the internal and external environments promoting adaptation to wellness and stability of the system. The environmental stressors can also consume the patient's energy drawing the patient toward disequilibrium and maladaptation. The patient's basic survival factors,

lines of defense and resistance determine how the environmental stressors can promote wellness, foster adaptation or recovery, or provide reconstitution to a new state of relative wellness. Health is a dynamic balance of wellness and illness of the patient. As an open system in connection with the environment, the patient's health is in a constant state of change, adaptation, and reconstitution. Death ensues when the system is depleted of energy, basic survival factors, lines of defense and resistance and can no longer recover from stressors.

The role of the nurse is to promote wellness, adaptation, and reconstitution of the patient by intervening to maintain stability of the holistic system. The nurse's assessments and interventions are individualized considering the patient's attributes and environments so that they are viewed as a whole person. The nurse appreciates the unique nature of the patient system in connection with environmental stressors.

The nursing faculty uphold Rider University's Mission and the Rider Promise to prepare graduates to thrive professionally and be lifelong independent learners and responsible citizens who embrace diversity, support the common good, and contribute meaningfully to the changing world where they live and work. The RN to BSN program adheres to adult learning principles, acknowledging previous learning and experiences within courses and providing content relevant to the nursing profession.

The Graduate Nursing Program provides knowledge and skills for nurses to excel as nurse practitioners in various health care environments. Principles of advanced practice registered nurse (APRN) clinical practice and nursing scholarship improve health outcomes for clients, families, and diverse communities. Rider's Nursing Program adheres to the American Nurses Association Code of Ethics beliefs. It requires students to practice within the following tenets of respect for a patient's dignity, worth, and autonomy and advocacy for the patient's rights, health, and safety. The mission of the Nursing Program aligns with that of Rider University to challenge nurses to grow and further develop skills needed to acquire, interpret, communicate, and become transformational leaders within nursing and across disciplines. The RN to BSN completion program allows the registered nurse to build upon the knowledge and skills learned in the pre-licensure undergraduate program. The Graduate Nursing Program builds on baccalaureate-level nursing education to expand the scope of practice of learners, from registered nurse to an APRN. Both programs allow for expanded opportunities for a nurse to function as change agents and leaders within the nursing profession and across health disciplines.

RN to BSN Program Goals

1. Develop graduates that embrace diverse cultures and lifestyles and value individual differences while practicing their nursing role in their professional and personal communities.
2. Foster a commitment for professional nurses to maintain the highest quality knowledge, skills, and competencies based on professional standards and evidence based practice guidelines in generalist nursing practice.
3. Develop graduates as nursing leaders with a command of moral and ethical agency as they advocate for patients, families, and communities through collaboration with healthcare disciplines and key stakeholders.

RN to BSN Student Learning Outcomes

Rider University's Bachelor of Science in Nursing Program prepares graduates to:

1. Incorporate knowledge from arts, humanities, and sciences in the planning and provision of professional nursing care.
2. Use skills of inquiry and analysis to address practice issues.
3. Use written, verbal, non-verbal, and emerging technology methods to communicate effectively.
4. Apply leadership skills to engage others in ethical reasoning and actions to promote advocacy, collaboration, and social justice as a socially responsible citizen.
5. Apply knowledge of social and cultural factors to the care of diverse populations.
6. Engage in interprofessional collaboration and communication to deliver evidenced-based, patient-centered care to improve patient safety and health outcomes for individuals, families, and communities across the lifespan.
7. Discuss the implications of healthcare policy on issues of access, equity, affordability, and social justice in healthcare delivery.
8. Value lifelong learning and professional engagement in the pursuit of nursing practice excellence.

Curriculum Overview

The RN to BSN curriculum provides a seamless transition to the bachelor's prepared professional nurse role by building on the student's experience as a registered nurse. The program's asynchronous, online delivery ensures flexibility and accessibility to a high-quality RN to BSN program for working nurses. Most courses are offered in an accelerated, 7-week format. Clinical experiences are integrated into the course learning activities. Separate, precepted clinicals are not required.

The minimum passing grade for all NUR courses is a C (75). Any BSN student receiving below a C (75) in a NUR course will need to repeat the course to meet graduation requirements.

Admission Requirements

Students must meet the following requirements for admission to the program:

- Graduation from an accredited associate's degree or diploma in nursing; students who do not meet this requirement should contact admissions before applying
- Provide official transcripts from all institutions attended with a minimum 2.5 cumulative GPA
- Hold an unencumbered and current RN license; students with licensure pending should contact admissions before applying

Accreditation Statement

The baccalaureate degree, master's degree, and post-graduate APRN certificate programs in nursing at Rider University are accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791.

Course Offerings for Students Outside of Nursing

Students with 75 credits or more and a minimum, cumulative GPA of 3.0 interested in a career in nursing may take NUR courses with permission from their academic advisor and the nursing program director. Interested students must submit their request to their academic advisor. Requests are considered on a case by case basis. All students enrolled in NUR courses are expected to adhere to the course policies defined in the RN to BSN Student Handbook.

Students outside of the nursing program may request to take the following NUR courses:

- NUR 401 Organizational and Healthcare Systems Leadership
- NUR 402 Scholarship in Evidence-Based Practice
- NUR 403 Information Management and Application of Patient Care Technologies
- NUR 404 Healthcare Policy, Finance, and Regulatory Environments
- NUR 405 Interprofessional Collaboration and Communication for Improving Healthcare Outcomes

Degree Offered

- B.S. in Nursing

Contact

Lori Prol, PhD, APN, FNP-BC
Director, Nursing Programs; Assistant Professor II
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Program Website: RN to BSN Nursing Online (http://www.rider.edu/academics/colleges-schools/college-continuing-studies/programs-offerings/degrees-certificates-working-adults/online-rn-bsn/)
Associated College: College of Arts and Sciences

Related Programs:

- Allied Health Studies (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/continuing-education-programs/bachelors-degree-programs/allied-health-studies/)
- Health Sciences (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/healthsciencesbs/)

Nursing: Online R.N. to B.S.N. Program Requirements

(30 credits)

The minimum passing grade for all NUR courses is a C (75). Any BSN student receiving below a C (75) in a NUR course will need to repeat the course to meet graduation requirements.

Code	Title	Credits
Required Courses		**30**
NUR 400	Professionalism and Professional Values	
NUR 401	Organizational and Healthcare Systems Leadership	
NUR 402	Scholarship in Evidence-Based Practice	
NUR 403	Information Management and Application of Patient Care Technology	
NUR 404	Healthcare Policy, Finance, and Regulatory Environments	
NUR 405	Interprofessional Collaboration and Communication for Improving Healthcare Outcomes	
NUR 406	Population Health Promotion and Prevention Across the Lifespan	
NUR 407	Cultural Diversity in a Global Society	
NUR 408	Gerontological Nursing Concept	
NUR 409	BSN Capstone [1]	
Courses required for BSN Students without a previous college-level statistics course:		**6**
MTH 120	Introduction to Applied Statistics [2]	
PSY 201	Statistics and Research Design [3]	
Total Credits		**30-36**

1

Prerequisites: NUR 402 and NUR 405

2

Prerequisite: Minimum of a C grade in any college-level math course.

3

Prerequisite: PSY 105 or NUR 402.

RN to BSN in Nursing Academic Plan of Study

Due to prerequisites and corequisites required for some courses, it is highly recommended that the sequence outlined below is followed. Courses will be offered in the semesters as shown below.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
NUR 408	Gerontological Nursing Concept	3
NUR 406	Population Health Promotion and Prevention Across the Lifespan	3
	Semester Credit Hours	**6**
Spring Semester		
NUR 403	Information Management and Application of Patient Care Technology	3
NUR 407	Cultural Diversity in a Global Society	3
	Semester Credit Hours	**6**
Summer Semester		
NUR 400	Professionalism and Professional Values	3
NUR 402	Scholarship in Evidence-Based Practice	3
	Semester Credit Hours	**6**

Year 2		
Fall Semester		
NUR 401	Organizational and Healthcare Systems Leadership	3
NUR 405	Interprofessional Collaboration and Communication for Improving Healthcare Outcomes	3
	Semester Credit Hours	**6**
Spring Semester		
NUR 409	BSN Capstone	3
NUR 404	Healthcare Policy, Finance, and Regulatory Environments	3
	Semester Credit Hours	**6**
	Total Credit Hours for Graduation	**30**

Students who have not completed any previous college-level statistics courses must also complete the following courses. Course offerings vary by semester.

Code	Title	Credits
MTH 120	Introduction to Applied Statistics	3
PSY 201	Statistics and Research Design	3

Courses and Descriptions

NUR 400 Professionalism and Professional Values 3 Credits
Professionalism and the inherent values of altruism, autonomy, human dignity, integrity, and social justice are fundamental to nursing. The nature and scope of professional nursing, critical thinking, professional accountability, ethical decision-making, and client education as integral parts of the nursing process are examined. Quality and Safety Education in Nursing (QSEN) concepts are emphasized. This course provides a foundation for the baccalaureate nurse to have a solid understanding of the broader professional standards of moral, ethical, and legal conduct in the nursing profession and to facilitate the role of the nurse as a change agent.

NUR 401 Organizational and Healthcare Systems Leadership 3 Credits
This course provides a foundation of principles of leadership based on contemporary needs for qualified nursing leaders who can function and manage in complex healthcare delivery environments. Learning activities and assignments will focus on strategies for self-assessment and self-reflection of one's own leadership skills, knowledge, and attitudes that foster and promote nursing leadership in diverse healthcare delivery settings, and strategies for best practice in nursing leadership in the 21st century.

NUR 402 Scholarship in Evidence-Based Practice 3 Credits
This course provides a foundation of evidence-based research principles to translate evidence into practice and how research informs professional nursing practice to improve patient safety and outcomes. Learning activities and assignments will focus on strategies for learning how to assess scientific merit of data-driven research, apply evidence-based practice in appropriate ways, monitor and evaluate the impact of evidence-based practice on informed nursing practice and outcomes of care as well as collaborate with interprofessional health care teams to improve patient safety and outcomes in a variety of healthcare delivery settings.

NUR 403 Information Management and Application of Patient Care Technology 3 Credits
This course provides a foundation of information management and application of patient care technology to enhance and improve patient safety and outcomes by examining linkages between information management systems and patient care technologies that support and are linked to safe nursing practice. The course examines how technology is used to inform nursing practice and enhance patient safety by applying safeguards and decision making support tools embedded in the technologies. Students are exposed to effective clinical information systems (CIS) to document nursing care, examine the ethical components of protecting patient information, challenges with data security, regulatory requirements, confidentiality and rights to privacy as well as examine the role of the professional nurse in updating and garnering information management resources and applying them in patient care settings.

NUR 404 Healthcare Policy, Finance, and Regulatory Environments 3 Credits
This course provides a foundation of U.S. healthcare policy, including financial and regulatory policies, as well as the nature and functioning of the U.S. healthcare delivery system. There is emphasis on policy processes at the organizational, local, state, national, and global levels. Learning activities and assignments focus on strategies for learning how to assess the role of the baccalaureate-prepared nurse in policy formation and reformation at all levels, demonstrating understanding of the political process at all levels, developing effective advocacy strategies for vulnerable populations, how to identify and influence key stakeholders in the policy process, the importance of effective communication of key healthcare issues, and how to influence change in the political process at all levels when there is social injustice.

NUR 405 Interprofessional Collaboration and Communication for Improving Healthcare Outcomes 3 Credits
This course provides a foundation of key concepts essential to promotion of effective interprofessional collaboration and communication for improving healthcare outcomes and patient safety. There is emphasis in the course on examination of the roles and perspectives of scope of practice for selected healthcare disciplines in intra-and interprofessional healthcare teams to improve healthcare outcomes and promote patient safety, and on effective strategies for advocacy and communication patterns in healthcare delivery settings as healthcare professionals develop trust and respect for all members of the healthcare team while recognizing unique differences and contributions of roles to patient safety and outcomes.

NUR 406 Population Health Promotion and Prevention Across the Lifespan 3 Credits
This course provides a foundation of key concepts essential to population-focused nursing, the aggregate, community or population as the unit of care. The focus of the course is on health promotion/disease prevention with emphasis on the professional nurse role in clinical prevention of disease and care of populations applying concepts of primary, secondary, and tertiary health promotion across the lifespan, identifying determinates of health, prioritizing primary prevention across the lifespan, actively identifying and targeting populations benefitting from evidence-based preventive initiatives and clinical preventive guidelines, assessment strategies for individuals and populations, applying evidence-based practice to health promotion/risk reduction, and being an advocate for vulnerable and disenfranchised populations without resources or a voice.

NUR 407 Cultural Diversity in a Global Society 3 Credits
This course provides a foundation of key concepts essential to nursing care and professional nursing leadership in assessment, planning, design, implementation, and evaluation of the knowledge, skills, and attitudes they must have as leaders of healthcare delivery focusing on improved system safety and effectiveness. There is particular emphasis on the nursing leadership role at the baccalaureate level for nursing to recognize, interrupt, evaluate, and correct healthcare errors and to implement safety principles and work with others to create a safe, caring environment for every healthcare delivery encounter as they provide care themselves, are acting in a leadership capacity, or are overseeing and delegating to other non-licensed assistive personnel. The course content focuses on identification, assessment, planning, design, and evaluation of evidence-based practice change to improve patient safety and outcomes.

NUR 408 Gerontological Nursing Concept 3 Credits
This course provides a foundation of key concepts essential to care of an aging population in a complex society. Given the diverse health status of the aging population, professional nurses must be able to develop competencies to provide high quality care to aging adults and their families or significant others. Specifically the course focuses on increased diversity and complexity of an aging society and selected health care needs, life transitions of aging adults, normal body system changes occurring with the aging process, the professional nurse role in principled care provided to a vulnerable population, and the role of the professional nurse as advocate and caregiver promoting the concepts of quality end-of-life care for aging adults, including pain and symptom management honoring the autonomy and self- wish of the aging client.

NUR 409 BSN Capstone 3 Credits
This course provides a foundation of key concepts essential to nursing care and professional nursing leadership in assessment, planning, design, implementation, and evaluation of the knowledge, skills, and attitudes they must have as leaders of healthcare delivery focusing on improved system safety and effectiveness. There is particular emphasis on the nursing leadership role at the baccalaureate level for nursing to recognize, interrupt, evaluate, and correct healthcare errors and to implement safety principles and work with others to create a safe, caring environment for every healthcare delivery encounter as they provide care themselves, are acting in a leadership capacity or are overseeing and delegating to other non-licensed assistive personnel. The course content focuses on identification, assessment, planning, design, and evaluation of evidence-based practice change to improve patient safety and outcomes.
Prerequisite(s): NUR 402, NUR 405.

MTH 120 Introduction to Applied Statistics 3 Credits
Collection and presentation of data. Measures of location and variation, sampling theory, hypothesis testing, confidence intervals, t-tests, chi-square tests, regression, and correlation. Emphasizes practical applications. Not open to business administration, chemistry, environmental, geosciences, marine sciences, math or liberal studies: marine ecological or environmental emphasis majors.
Prerequisite(s): MTH 102 or MTH 105.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of "C" in PSY 105.

Marine Sciences

Program Overview

The Marine Sciences major prepares students for meaningful and productive post-baccalaureate employment and/or admission to high-quality graduate programs. The program is interdisciplinary in nature, both in its curriculum and faculty, and encompasses the biological, physiochemical, and geological aspects of marine science. Small class size, inquiry-based laboratory experiences, extensive field work, and opportunities for research experiences provide students with a strong foundation and the skills required for a wide range of potential careers.

Curriculum Overview

The curriculum for this major major focuses on the interdisciplinary nature of the Marine Sciences by offering a broad and challenging selection of courses, with emphasis on the biological, physical, chemical, and geological sub-disciplines of the marine sciences and the connections between them. Upper-level courses in these sub-disciplines follow a series of foundational courses in the earth and ocean sciences, biology, chemistry, physics, and mathematics. All marine sciences majors will participate in extensive laboratory and fieldwork in their courses, exploring a rich diversity of marine environments and processes while learning the technical and analytical skills necessary for such work. Students also will complete a Marine Sciences field course offered by Earth & and Chemical Sciences and taught most recently at the Roatan Institute of Marine Sciences (RIMS), Roatan, Honduras. In addition, students are encouraged to take advantage of the many opportunities to engage in independent research in collaboration with the Earth & and Chemical Sciences faculty.

Student Learning Outcomes

Graduates of the Marine Sciences major will be able to:

1. The student can combine relevant data with scientific principles to compose an explanation of natural phenomena in marine sciences.
2. The student can use physical, chemical, and biological characteristics to identify materials or organisms that form the foundation of their discipline.
3. The student can properly use technical equipment and associated techniques to collect, organize, and interpret field data.
4. The student can identify, find, evaluate, and use information to produce scientific reports, both written and orally, for scientific research and communication.

Honors Program in Marine Sciences

Honors in Marine Sciences are awarded in recognition of majors who have demonstrated outstanding academic ability. Enrollment in the Honors Program is by invitation of the department faculty. Eligibility requirements include a minimum GPA of 3.5 in courses required for the major and the satisfactory completion of a senior thesis or a three- or four-credit Independent Research and Study course related to their major. In addition, an honors candidate must maintain an overall minimum GPA of 3.0.

Degree Offered

- B.S. in Marine Sciences

Contact

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Program Website: Marine Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/marine-sciences/)

Associated Department: Earth & Chemical Sciences (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Earth and Environmental Sciences
- Earth Sciences (p. 198) (for Secondary Education majors)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Geology (p. 290)

Marine Sciences Major Requirements

(65-66 credits)

Code	Title	Credits
Geological, Environmental, and Marine Sciences		
ENV 200 & 200L	Statistical and Computer Applications in the Natural Sciences and Statistical and Computer Applications in the Natural Sciences Lab	4
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	4
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	4
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
MAR 340	Marine Processes and Environments: Seminar	3
MAR 401 & 401L	Marine Ecology and Marine Ecology Lab	4
MAR 410	Physical Oceanography	3
Field Experience		
MAR 300	Introduction to Field Marine Science	4
Biology		
BIO 115	Principles of Biology I	4
or BIO 116	Principles of Biology II	
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
Chemistry		
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	4
CHE 122 & CHE 123	Intro to Chemical Systems and Quantitative Methods Lab	4
Mathematics		**4**
Select one; also satisfies CLAS core requirement		
MTH 105	Algebra and Trigonometry	
MTH 210	Calculus I	
Physics		
PHY 100 & 100L	Principles of Physics I and Principles of Physics I Lab	4
Electives		
Select two of the following:		7-8
BIO 372 & 372L	Behavior of Marine Organisms: Evolutionary Approach and Behavior of Marine Organisms: Evolutionary Approach Lab	
ENV 205	Introduction to Geographic Information Systems	
MAR 210 & 210L	Marine Life through Time and Marine Life through Time Lab	
MAR 325 & 325L	Marine Vertebrates and Marine Vertebrates Lab	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	
Total Credits		**65-66**

Marine Sciences Minor Requirements

(23-24 credits)

Marine Sciences majors may not select this minor.

Code	Title	Credits
Select one of the following:		**4**
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	
OR		
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	
Required Courses:		
BIO 272 & 272L	Intro to Marine Biology and Marine Biology Laboratory	4
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	4
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab	4
Select one of the following:		4
MAR 300	Introduction to Field Marine Science	
MAR 380	The Learning and Teaching of Marine Science	
Electives		
Select one of the following:		3-4
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	
GEO 306 & 306L	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab	
MAR 325 & 325L	Marine Vertebrates and Marine Vertebrates Lab	
MAR 360 & 360L	Plankton Ecology and Plankton Ecology Lab	

MAR 410	Physical Oceanography	
Total Credits		**23-24**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MAR 120	Oceanography	3
MAR 121	Introductory Oceanography Lab	1
BIO 115	Principles of Biology I	4
BIO 115L	Principles of Biology I Lab	0
MTH 105	Algebra and Trigonometry [1]	4
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
GEO 100	Earth Systems Science	3
GEO 102	Earth Materials and Processes Lab	1
Social Perspectives		3
Foreign Language		3
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CHE 120	Principles of Chemistry	3
CHE 121	Principles of Chemistry Lab	1
ENV 200	Statistical and Computer Applications in the Natural Sciences	4
ENV 200L	Statistical and Computer Applications in the Natural Sciences Lab	0
BIO 272	Intro to Marine Biology	4
BIO 272L	Marine Biology Laboratory	0
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
CHE 122	Intro to Chemical Systems	3
CHE 123	Quantitative Methods Lab	1
Social Perspectives		3
Philosophical Perspectives		
Aesthetic Perspectives: Literature		3
Elective Course [2]		3
	Semester Credit Hours	**13**
Year 3		
Fall Semester		
PHY 100	Principles of Physics I	3
PHY 100L	Principles of Physics I Lab	1
GEO 306	Sedimentology and Stratigraphy	4
GEO 306L	Sedimentology and Stratigraphy Lab	0
HIS 150	World History to 1500	3
Elective Course [2]		3
	Semester Credit Hours	**14**
Spring Semester		
ENV 320 & 320L	Global Biogeochemistry and Global Biogeochemistry Lab	4
HIS 151	World History Since 1500	3
Two Elective Courses [2]		6
	Semester Credit Hours	**13**
Summer Semester		
MAR 300	Introduction to Field Marine Science	4
	Semester Credit Hours	**4**
Year 4		
Fall Semester		
MAR 340	Marine Processes and Environments: Seminar	3
MAR 410	Physical Oceanography	3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
Spring Semester		
MAR 401	Marine Ecology	4
MAR 401L	Marine Ecology Lab	0
Four Elective Courses [2]		12
	Semester Credit Hours	**16**
	Total Credit Hours for Graduation	**121**

Note: Natural and Physical Science core requirements are included in the major.

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

MAR 120 Oceanography 3 Credits
In this course, students will investigate the geological, chemical, physical, and biological processes that shape the ocean. Emphasis will be placed on how these processes interact with each other and with human populations. These interactions influence important global phenomena that impact all our lives, including weather and climate, the distribution of marine organisms and other natural resources, and coastal processes. Understanding these phenomena will enable students to make more informed decisions and contribute to serious global marine issues. Students will learn through a combination of hands-on exercises designed to foster a deeper understanding of the scientific content as well as the scientific process, practical experiences with real data, readings, and some lectures. CLAS general education areas addressed: DP & GP.

MAR 121 Introductory Oceanography Lab 1 Credits
This lab course introduces students to the fundamental aspects of geological, chemical, physical and biological oceanography. Students learn through inquiry-based, hands-on exercises and activities using actual data collected in the lab and in the field. Independent projects and local field trips during lab and on weekends may be required. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): MAR 120 or GLS 120 or as prerequisite(s).

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 210L Marine Life through Time Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequisite(s): MAR 210.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 290 Directed Research and Study in Marine Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the marine sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in a weekly meetings with the instructor, and communicating the findings by writing a final project report.

MAR 300 Introduction to Field Marine Science 4 Credits
In this two-week field course, students will explore various topics in marine science through practical, hands-on, inquiry-based exercises and activities. The course will focus on the biological, geological, chemical, and physical processes that influence diverse marine flora and fauna found in selected marine environments, emphasizing shallow subtidal and intertidal environments such as coral reefs, sandy beaches, turtle grass beds, rocky intertidal pools, coastal wetlands, mangrove swamps, etc. Topics will be examined using field team exercises, a group mapping project, and individual research projects. Activities will help students develop their skills in research, use of field and laboratory equipment, computer analysis of data, and scientific writing, along with gaining content knowledge about the components and processes of environments studied. The course is taught at an appropriate marine field station at a U.S. or international location. Field portion of course is completed during the summer. Additional travel costs vary, depending on location.
Prerequisite(s): BIO 115 or 116 or any 200 or higher level lab science class; and MAR 120; and permission of instructor.

MAR 325 Marine Vertebrates 4 Credits
A survey of the biology of marine vertebrate animals, including fish (jawless fish, sharks, rays, and bony fish), reptiles (sea turtles and sea snakes), sea birds, and mammals (manatees, seals, and whales). The evolution, physiology, natural history, ecological relationships, and human interactions of these groups are emphasized. Three hours of lecture and one three-hour lab per week. Field trips may be required. Prerequisite(s): BIO 272 and BIO 272L.
Corequisite(s): MAR 325L.

MAR 325L Marine Vertebrates Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 325.

MAR 340 Marine Processes and Environments: Seminar 3 Credits
This course is designed as a seminar course. Therefore, students will learn to lead class discussions, to analyze and critique peer-reviewed journal articles, and to enhance their presentation skills. Students will interpret graphical, spatial, and numerical data to support their positions. Content will emphasize the interactions among marine processes, biological features, and geologic landforms.
Prerequisite(s): MAR 120 or GEO 100; GEO 306.

MAR 360 Plankton Ecology 4 Credits
Examines the diversity, physiology, and ecology of marine phytoplankton and zooplankton. Students will survey the dominant plankton groups, their distribution, nutritional requirements, growth kinetics, and behavior. Planktonic predator/prey interactions and food web dynamics will be discussed. Students will also examine the interdisciplinary nature and role of plankton in biogeochemical cycles. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): MAR 120 and MAR 121; or BIO 116.
Corequisite(s): MAR 360L.

MAR 360L Plankton Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 360.

MAR 380 The Learning and Teaching of Marine Science 4 Credits
This field-based course provides a practical experience in integrating marine science with pedagogical concepts. Students will use scientific methodology to explain marine ecosystems through specially designed, inquiry-based exercises. During these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. Hands-on, field-based exercises will provide experience with a diversity of marine habitats and the biological, geological, hydrological, and physical processes that influence them. Visited habitats can include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. As a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom use.

MAR 401 Marine Ecology 4 Credits
The purpose of this course is to introduce students to fundamental principles in ecology, as it relates to marine systems. Topics include the marine environment and its influence on the organisms living there; biodiversity and speciation; factors regulating population dynamics in marine systems; larval and fisheries ecology; species interactions such as predation, competition, and symbiosis; factors regulating productivity and energy flow in marine systems; and marine conservation. Hands-on laboratory exercises will provide students with the opportunity to design and conduct experiments related to marine ecology, and to collect, analyze, and interpret data from those experiments. Ecosystem modeling will also be introduced. Three hours of lecture and one three-hour lab per week. Weekend field trips may be introduced. Prerequisite(s): BIO 272, BIO 272L.
Corequisite(s): MAR 401L.

MAR 401L Marine Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 401.

MAR 410 Physical Oceanography 3 Credits
Introduction to the physical aspects and processes of the oceans and their influence on marine ecosystems and Earth processes. Topics include distribution of salinity and water temperature and their effect on water movement, the oceanic heat budget, atmospheric and oceanic interactions, ocean currents including surface and deep water circulation, waves, tides, and medium- to small-scale circulation features. Throughout the course, emphasis is placed on how these physical processes affect the biology and chemistry of the ocean. Three hours of lecture per week. Weekend field trips may be required.
Prerequisite(s): MAR 120.

MAR 480 Senior Thesis 3 Credits
A senior thesis is optional for marine sciences majors. However, a senior thesis is required for eligibility to graduate with honors in marine sciences. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study or other approved venue. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the marine sciences major and permission of department chair.

MAR 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

MAR 491 Internship in Marine Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 272 Intro to Marine Biology 4 Credits
Introduces students to the study of marine environments, emphasizing the diversity, ecology, and physiology of marine animals, algae, and plants. Aspects of the human impact on marine environments are also discussed. Prerequisite(s): BIO 115 or BIO 116 or BNS 118 and grade of "C" or better.
Corequisite(s): BIO 272L.

BIO 272L Marine Biology Laboratory 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 272.

BIO 372 Behavior of Marine Organisms: Evolutionary Approach 4 Credits
An examination of the underlying mechanisms and evolutionary causes of behavior, including habitat use, feeding, and mate choice, particularly in marine organisms. The laboratory will involve collecting, analyzing and interpreting field data and performing experiments in the lab using a variety of marine organisms including fish and crabs. Three hours of lecture and one three-hour lab per week. Some full-day field trips (usually on a weekend) are required. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course.
Corequisite(s): BIO 372L.

BIO 372L Behavior of Marine Organisms: Evolutionary Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 372.

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212.
Corequisite(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week.
Corequisite(s): PHY 100.

Mathematics

Program Overview

Students majoring in mathematics at Rider are met with rigorous and insightful instruction. Courses progress from foundational topics to advanced theories and techniques. Faculty members are active in research and will invite, stimulate and support students' curiosity and understanding.

Graduates of Rider's mathematics program go on to careers in such fields as education, scientific and medical research, engineering, computer science, architecture, pharmaceutical research, actuarial science, and urban planning and development.

Curriculum Overview

Requirements for the mathematics major total 50 semester hours and include calculus I, II and III, linear algebra, differential equations, advanced calculus, modern geometry, probability and statistical analysis I, modern algebra, complex analysis, and mathematics electives. Also required are general physics I and II.

Student Learning Outcomes

Graduates of the Mathematics major will be able to:

1. Apply analytical skills and logical thinking to solve problems in a broad range of mathematics.
2. Explain and write mathematical arguments
3. Communicate mathematical ideas clearly and with proper notation and terminology.

Honors Program in Mathematics

Superior students majoring in mathematics may participate in a program leading to graduation with honors in mathematics. A candidate must submit a written application by March 1 of their junior year to the departmental honors committee. Admission to the program will be based on a 3.25 cumulative average in mathematics courses taken in the first five semesters and sponsorship by a member of the departmental faculty. During their senior year, the student will be enrolled in MTH 490 Independent Study: Research and Creative Expression. Honors in mathematics is based upon earning a 3.4 average in seven mathematics courses at the 300 and 400 levels (excluding MTH 490) and an acceptable senior thesis. Further information on the program can be obtained from the department.

Degrees Offered

- B.A. in Mathematics

Contact

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Program Website: M (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/science-programs/mathematics/)athematics (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/science-programs/mathematics/)

Associated Department: Mathematics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/mathematics/)

Related Programs

- Biochemistry (p. 79)
- Biology (p. 83)
- Chemistry (p. 104)
- Computer Science (p. 125)
- Education (p. 666)
- Geology (p. 290)
- Philosophy (p. 442)
- Physics (p. 445)

Requirements for the Major

(50 credits)

Code	Title	Credits
Major Requirements:		
MTH 210 & MTH 211 & MTH 212	Calculus I and Calculus II and Calculus III	12
MTH 240	Linear Algebra	3
MTH 250	Differential Equations	3
MTH 308	Advanced Calculus	3
MTH 315	Modern Geometry	3
MTH 340	Probability & Statistical Analysis I	3
MTH 401	Modern Algebra	3
MTH 410	Complex Analysis	3
Three 400-level mathematics electives (excluding MTH 490) or one 300-level and two 400-level mathematics electives (excluding MTH 490)		9
Physics		
PHY 200	General Physics I	4
PHY 201	General Physics II	4
Total Credits		**50**

Note:

1. Mathematics majors must attain a “B” average in Calculus I and II in order to take advanced mathematics courses.

Requirements for the Minor

(24-25 credits)

Code	Title	Credits
MTH 210	Calculus I	4
MTH 211	Calculus II	4
MTH 212	Calculus III	4
Select four (4) mathematics courses above the MTH 212 level		**12-13**
MTH 230	Discrete Mathematics	
MTH 240	Linear Algebra	
MTH 250	Differential Equations	
MTH 308	Advanced Calculus	
MTH 315	Modern Geometry	
MTH 340	Probability & Statistical Analysis I	
MTH 341	Probability & Statistical Analysis II	
MTH 401	Modern Algebra	
MTH 402	Topics in Advanced Mathematics	
MTH 410	Complex Analysis	
MTH 420	Number Theory	
MTH 430	Introduction to Topology	
MTH 440	Real Analysis	
MTH 490	Independent Study: Research and Creative Expression	
Total Credits		**24-25**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 210	Calculus I [1]	4
HIS 150	World History to 1500	3
Social Perspectives (1 of 2)		3
Foreign Language [1]		3
	Semester Credit Hours	**16**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
MTH 211	Calculus II	4
HIS 151	World History Since 1500	3
Foreign Language		3
Social Perspectives (2 of 2)		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MTH 212	Calculus III	4
MTH 240	Linear Algebra	3

PHY 200 & 200L	General Physics I and General Physics I Lab	4
Aesthetic Perspectives: Fine Arts		3
	Semester Credit Hours	**14**
Spring Semester		
MTH 250	Differential Equations	3
MTH 315	Modern Geometry	3
PHY 201 & 201L	General Physics II and General Physics II Lab	4
Aesthetic Perspectives: Literature		3
Elective Course Credits [2]		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MTH 308	Advanced Calculus	3
MTH 340	Probability & Statistical Analysis I	3
Philosophical Perspectives		3
Elective Course Credits [2]		6
	Semester Credit Hours	**15**
Spring Semester		
MTH 410	Complex Analysis	3
Math Elective		3
Elective Course Credits [2]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MTH 401	Modern Algebra	3
Math Elective		3
Elective Course Credits [2]		9
	Semester Credit Hours	**15**
Spring Semester		
Math Elective		3
Elective Course Credits [2]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**122**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

MTH 102 Finite Mathematics 3 Credits
This mathematically rigorous course begins with a review of the rational numbers, repeating decimals, irrational numbers and non-repeating decimals. The elementary theory of sets is discussed with applications to surveys and data mining. This is followed by a discussion of the cardinality of infinite sets. An introduction to elementary number theory includes various applications. The Cartesian plane and the idea of a function and its graph are introduced with applications. Counting theory then precedes an elementary discussion of probability.

MTH 105 Algebra and Trigonometry 4 Credits
The course is an in depth and rigorous study of functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses, trigonometric identities.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

MTH 211 Calculus II 4 Credits
The definite integral, differentiation of transcendental functions, methods of integration and approximate integration, determination of area, volume, and surface area.
Prerequisite(s): MTH 210 with a grade of C or higher.

MTH 212 Calculus III 4 Credits
Infinite series; functions of two and three variables, vectors and tangent planes, partial derivatives, multiple integrals, determination of volume and density.
Prerequisite(s): MTH 211 with a grade of C or higher.

MTH 230 Discrete Mathematics 4 Credits
An introduction to topics in Discrete Mathematics. This course covers methods of proof, induction and recursion, and other topics in discrete mathematics. Topics may include graph theory, trees, and symmetry groups.
Prerequisite(s): MTH 102, MTH 105 or MTH 210.

MTH 240 Linear Algebra 3 Credits
Systems of linear equations; vector spaces; linear independence; determinants; orthogonality; linear maps; eigenvectors.
Prerequisite(s): MTH 210 or as corequisite; sophomore standing; or permission of instructor.

MTH 250 Differential Equations 3 Credits
First order differential equations, separable and exact; integrating factors; second order linear differential equations; series solutions of second order linear differential equations; higher order equations; existence and uniqueness theorems; systems of linear differential equations.
Prerequisite(s): MTH 240, MTH 211.
Corequisite(s): MTH 212 or as prerequisite.

MTH 308 Advanced Calculus 3 Credits
Vectors, gradients, and directional derivatives, Lagrange multipliers, Taylor's theorem, multiple integrals, change of variables, line and surface integrals, Stokes' theorem.
Prerequisite(s): "B" average in MTH 210 and MTH 211; MTH 212, MTH 240.

MTH 315 Modern Geometry 3 Credits
Covers geometry from a modern point of view, with emphasis on non-Euclidean geometry, particularly projective geometry.
Prerequisite(s): MTH 211, MTH 240.

MTH 340 Probability & Statistical Analysis I 3 Credits
Theory of sets and probability; discrete and continuous random variables and probability distributions. Emphasizes foundations and utilizes the techniques of the calculus.
Prerequisite(s): MTH 212 or MSD 111.

MTH 401 Modern Algebra 3 Credits
Provides an introduction to modern abstract algebra. It emphasizes the axiomatic method to analyze the major algebraic systems. The instructor will choose the topics to be studied from among the following algebraic structures: integral domains, fields, complete ordered fields, groups, polynomials, rings, ideals and modules.
Prerequisite(s): MTH 240.

MTH 402 Topics in Advanced Mathematics 3 Credits
Chosen from advanced pure or applied mathematics. Topics vary, depending on instructor.
Prerequisite(s): MTH 308.

MTH 410 Complex Analysis 3 Credits
Analytic functions, conformal mapping, power series, Cauchy's theorem, calculus of residues.
Prerequisite(s): MTH 308.

MTH 420 Number Theory 3 Credits
Covers topics including divisibility theory, the prime numbers, the theories of congruences and of quadratic reciprocity, and Fermat's Last Theorem. Other topics may also include applications to cryptography, Pell's equations, continued fractions, and the theory of partitions.
Prerequisite(s): MTH 240 or permission of instructor.

MTH 430 Introduction to Topology 3 Credits
A comprehensive introduction to elementary topology. The concepts of topological spaces and metric spaces will be introduced. Connectedness, compactness and properties of subsets of the real numbers rooted in topology will also be considered. The quotient topology will be used to construct surfaces as identification spaces, and tools will be developed to distinguish one surface from another.
Prerequisite(s): MTH 212.

MTH 440 Real Analysis 3 Credits
Covers the theory of sets, the real number system and its properties, convergence of sequences and series of numbers and functions, and the theory of integration, including: measure theory, the Riemann integral, and introduction to the Lebesque theory of integration.
Prerequisite(s): MTH 308 or as corequisite.

MTH 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in research and mathematical literature. If possible, the student will publish the results or present them at a scientific meeting.

PHY 200 General Physics I 4 Credits
Introductory classical physics; Newtonian mechanics, including the conservation laws, wave motion, gravity, thermodynamics. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 210 or concurrent enrollment
Corequisite(s): PHY 200L.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

Movement Science Minor

Program Overview

The Movement Science minor is designed to foster a deeper knowledge and understanding of the fundamental aspects of human performance. Upon completion of the program, the student will be able to:

- Demonstrate knowledge of theoretical and practical scientific concepts of movement and movement science (i.e., anatomy, physiology, nutrition, biomechanics/kinesiology, and biopsychosocial and behavioral health.)
- Identify and explain disease which may result from and affect biological and behavioral health.
- Articulate a philosophy that demonstrates the role of movement in the development and maintenance of overall health and the prevention of disease.

Degree Offered

- Minor in Movement Science

Contact

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Program Website: Movement Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/movement-science-minor/)

Associated Department: Health Sciences and Nursing

Related Programs

- Behavioral Neuroscience (p. 49)
- Biochemistry (p. 79)
- Biology (p. 83)
- Chemistry (p. 104)
- Dance (p. 144)
- Environmental Science (p. 246)
- Exercise Science (p. 263)

- Health Sciences (p. 319)
- Marine Sciences (p. 380)
- Mathematics (p. 399)

Movement Science Minor Requirements

(21-22 credits)

Code	Title	Credits
Select one of the following:		
BIO 100	Life Science	3-4
or BIO 115/BIO 115L	Principles of Biology I	
or BIO 116/BIO 116L	Principles of Biology II	
or BNS 107	Life Science: Brain and Behavior	
BIO 221 & 221L	Human Anatomy & Physiology I and Human Anatomy & Physiology I Lab	4
BIO 222 & 222L	Human Anatomy & Physiology II and Human Anatomy & Phys II Lab	4
DAN 180	History of Movement Theory [1]	3
HSC 100	Intro to Human Nutrition [2]	3
HSC 302 & 302L	Kinesiology and Kinesiology Lab [2]	4
Total Credits		**21-22**

1

DAN 180 is offered every other year. Work with your advisor to plan accordingly.

2

Health Science majors who declare a Movement Science Minor may not count HSC 100 or HSC 302 / HSC 302L toward their major requirements.

Courses

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

DAN 180 History of Movement Theory 3 Credits
Investigation of the mind-body connection, somatic experience, body therapies, movement, and theories. The essential question is: How is it that we move with awareness, fluidity, efficiency, and precision?.

HSC 100 Course HSC 100 Not Found Credits

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI. **Corequisite:** HSC 303.

HSC 302L Course HSC 302L Not Found Credits

Multicultural Studies

Program Overview

In the Multicultural Studies minor, students will learn how different cultures interact to shape individual identities and to structure U.S. society. Because organizations today need employees who can perform effectively in a diverse workplace environment, the minor can also enhance employment options.

For coursework, each student chooses a theme or thread within multicultural studies that suits his or her special interests. The minor also provides students with career-relevant knowledge and experience.

In various ways, the multicultural studies minor plays an important role in preparing Rider students, whatever their ethnic heritage, for an increasingly multicultural world.

Minor Offered

- Minor in Multicultural Studies

Contact

Pearlie Mae Peters, Ph.D.
Professor and Director, Multicultural Studies Program
Department of English
School of Humanities and Social Sciences
Fine Arts, 337
609-895-5566
petersp@rider.edu

Program Website: www.rider.edu/multiculturalstudies (http://www.rider.edu/multiculturalstudies/)

Related Programs

- Criminal Justice (p. 132)
- Philosophy (p. 442)
- Political Science (p. 449)

Multicultural Studies Minor Requirements

(21 credits)

Code	Title	Credits
Multicultural Studies Required Courses		**6**
MCS 110	Race, Class and Gender in Contemporary American Society	
MCS 210	Power and Privilege in a Multicultural Society	
Electives		
Select five courses from the following three groups, chosen in consultation with the director.		15
Multicultural Studies		
MCS 220	Issues in Multicultural Studies	
MCS 280	Directed Study in Multicultural Studies	
MCS 491	Internship in Multicultural Studies	
Electives Emphasizing Multiculturalism Within the United States		
AMS 210	American Memoir and Autobiography	
AMS 212	Multicultural America	
AMS 227	Martin Luther King Jr's America	
AMS 228	Studies in American Jewish Culture	
COM 252	Intercultural Communication	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
HIS 201	African American History	
HIS 307	The Immigrant in American Life	
MGT 320	Managing Workforce Diversity	
POL 235	Race and Ethnicity in American Politics	
SOC 207	Racial and Ethnic Relations	
SOC 272	Area Studies: Indians of North America	
Electives Providing Background and Context		
HIS 281	Modern Middle East	
HIS 283	Modern Latin America	
HIS 284	Caribbean History	
HIS 286	Modern East Asia	
HIS 288	African History	
HIS 341	China in Revolution	
HIS 342	Women in East Asia	
PHL 207	Asian Philosophy	
POL 320	Politics of the Middle East	
SOC 270	Area Studies: Africa	
SPA 311	Latin American Cultures	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 426	Latin American/Latino Film and Fiction	
Total Credits		**21**

Courses and Descriptions

MCS 109 Intro to Race, Class & Gender 3 Credits
This course introduces students to the concepts of race, class and gender as essential components in understanding how social identities are socially constructed in the United States. Using historical and contemporary references, the course explores the ways in which race, class, gender and ethnic relationships shape the experiences of people in the United States, and the implications of those experiences for social relationships. Part of this exploration is to expose students to inter-relatedness of race, class and gender, as identity markers, both historically and in contemporary society.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 110S Introduction to Race, Class and Gender in Contemporary Society 1 Credits
This course introduces students to the concepts of race, class and gender as essential components in understanding how social identities are socially constructed in the United States. Using historical and contemporary references, the course explores the ways in which race, class, gender and ethnic relationships shape the experiences of people in the United States, and the implications of those experiences for social relationships. Part of this exploration is to expose students to inter-relatedness of race, class and gender, as identity markers, both historically and in contemporary society.

MCS 210 Power and Privilege in a Multicultural Society 3 Credits
This course will examine how the intersection of power and privilege shapes race, gender and class relationships in the United States. Analyses will show how the legal, economic, political and social manifestations of power influence the assignments and distribution of privilege in the United States, both in historical and contemporary contexts. The impositions of power on identity in the social assignment of privilege will be an important component of the course. The two "big questions" to be examined in this course are: How do issues of race, ethnicity, class, age, religion, gender, and sexual orientation interact with privilege? How do the tensions between power, privilege, oppression and inequality lead to movements for social justice? Various interlocking systems of privileges—justice system, educational system, medical system, political system, economic system, etc.--will be examined, using the theoretical frameworks of inequality, oppression and dependency. Prominent public policies and social movements that have challenged the notions of power and privilege, both historically and contemporarily, will be examined: civil rights, women's suffrage, affirmative action, Occupy Wall Street, LGBT rights, Metoo movement, Equal Rights Amendment, Title IX, Lilly Ledbetter Fair Pay Act, etc.

MCS 220 Issues in Multicultural Studies 3 Credits
An examination of issues and questions posed by the existence of diversity in social life. Students build on what they have learned in MCS 110 by focusing in greater depth on selected aspects of multicultural interaction. Topics change each semester and are listed in the course roster. Recent topics include "Understanding Privilege," "The Meaning of Difference," and "Narratives of Human Difference: Science, Politics, Literature."
Prerequisite(s): MCS 110 or permission of instructor.

MCS 280 Directed Study in Multicultural Studies 1-4 Credits
An intensive study experience in multicultural studies. The student designs and carries out a course of focused study under the supervision of a multicultural studies faculty member. The student's proposed plan of work must be reviewed and approved by the faculty sponsor and by the multicultural studies advisory committee. May be repeated once for credit.

MCS 490 Independent Study: Research and Creative Expression 1-4 Credits
Individual program of study under close supervision by the instructor, with weekly meetings and reports. Topics to be approved by the department. Available to seniors who have a minimum of a 3.0 GPA. No more than six credits allowed toward graduation.

MCS 491 Internship in Multicultural Studies 1-4 Credits
A supervised community service of work experience at an approved site. Placements are made in accordance with each student's particular theme within multicultural studies. A minimum of three hours per week on site per credit (39 hours per semester); in addition, students complete readings and reports and meet weekly with the instructor. Primarily for multicultural studies minors in their junior or senior year.

Music - B.A.M

Program Overview

The Bachelor of Arts in Music is a liberal arts degree with a major in music. A broad foundation in liberal studies complements extensive studies in music.

All students in the B.A.M. degree select a minor or a concentration. Concentrations are offered in specialized areas of music and require 9-10 credits. These include Composition Studies, Music Theory, Music History, and Sacred Music, among others.

Minors are offered in most disciplines of the university and require 18-21 credits. Students may choose from any concentration or minor approved by Rider University (www.rider.edu/academics/majors-minors-programs) (http://www.rider.edu/academics/majors-minors-programs/).

Typically this selection is made no later than the end of the sophomore year. Students are encouraged to make this decision earlier, if possible, as the date of the decision may affect progress towards a timely graduation. The declaration is made through the Registrar's office.

Courses taken to fulfill Arts and Sciences core requirements may be used to complete minor requirements. Interested students have the option to take elective composition lessons for an additional fee.

Degree Offered

- Bachelor of Arts in Music (B.A.M.)

Contact

Sharon Mirchandani, PhD.
Professor and Chairperson
Department of Music Studies
Westminster Choir College
Omega House
609-896-5000 x8313
smirchandani@rider.edu

Program Website: www.rider.edu/wcc/academics/undergraduate-programs/bachelor-arts-music (http://www.rider.edu/wcc/academics/undergraduate-programs/bachelor-arts-music/)

Associated Department: Department of Music Studies

Faculty

Sharon Mirchandani (chair) • Professor, Music History/Theory, 1997. B.M., Bowling Green State University; M.M., Temple University; Ph.D., Rutgers University.

Christian Carey • Associate Professor, Theory/Composition/Music History, 2004. B.M., Juilliard; M.M., Boston University; Ph.D., Rutgers University.
Ronald A. Hemmel • Professor, Theory/Composition. B.M., Westminster Choir College; M.M., James Madison University; M.Phil., Ph.D., Rutgers University.
Jay Kawarsky • Professor, Theory/Composition, 1989. B.M.E., Iowa State University; M.M., D.M., Northwestern University.
Anthony Kosar • Professor, Theory, 1984. B.M., West Liberty State College; M.M., Southern Illinois University; Ph.D., The Ohio State University.
Joel Phillips • Professor, Theory/Composition, 1985. M.M., Eastman School of Music, University of Rochester; B.M., D.M.A., University of Alabama.
Stefan Young • Emeritus Professor, Theory/Composition, 1979. B.M., Rollins College; M.M., The Juilliard School; Ph.D., Rutgers University.

Bachelor of Art in Music (B.A.M.) Requirements

(108-116 credits)

B.A.M. Requirements (p. 406) **(56 credits)**
Concentrations (p. 406) **(9 credits)**
Note: Students may choose a minor in place of a concentration.

CAS General Education Curriculum (p. 407) **(43-50 credits)**

B.A.M. Requirements
(56 credits)

Code	Title	Credits
Choirs		
CR 109	Chapel Choir (2 terms)	2
CR 209	Schola Cantorum (2 terms)	2
CR 509	Symphonic Choir (4 terms)	4
Applied Music and Diction		
Choose one primary from Organ, Piano or Voice.		
OR 168A	Applied Organ (Complete each semester for a total of 8 semesters) [1]	16
or PI 168A	Applied Piano	
or VC 168A	Applied Voice	
Piano or Voice secondary (4 terms)		**4**
PI 103	Piano Secondary I	
or PI 104	Piano Secondary II	
VC 103	Voice Secondary	
VC 115	English & Italian Diction [2]	2
VC 116	French & German Diction [2]	2
Theory and Music History		
TH 141	Musicianship I	4
TH 142	Musicianship II	4
TH 241	Musicianship III	4
MH 247	Music Historiography I	3
MH 248	Music Historiography II	3
MH 433	Seminar in Music History	3
TH 342	Contemporary Trends	3
or MH 345	Music Since 1900	
Total Credits		**56**

1

The 8th semester may be waived in the event of an approved internship or off-site semester of study. Internship credits replace Arts and Sciences elective credits. A recital or lecture-recital is required.

2

VC 115 and VC 116 are required for voice primary students only. Organ and piano primary students may substitute four additional credits of free electives.

Concentrations

(9 credits)

Code	Title	Credits
Select one of the following concentrations: [1]		**9**
Composition Studies Concentration		
TH 237	Composition Class	
Select two additional Theory (TH) courses from the following:		
TH 253	Orchestration	
or TH 255	Song Writing	
or TH 259	Electroacoustic Music	
or TH 424	Choral and Instrumental Arranging	
Music Education Concentration		
ME 161	Art of Teaching Music I	
Select 6 credits from the following courses:		
ME 187	Instrumental Music: Strings	
ME 188	Instrumental Music: Winds/Percussion	
ME 262	Art of Teaching Music II	
ME 471	Music and Hip Hop Culture	
ME 472	Teaching/Learning:Urban Schools	
ME 587	Music in Special Educ	
Music History Concentration		
MH 345	Music Since 1900 [2]	
Select two additional Music History (MH) elective courses.		
Music Theory Concentration		
TH 342	Contemporary Trends [3]	
Select two additional Theory (TH) electives, one of which must be a Level II elective.		
Piano Accompanying Concentration		
Note: Students in this concentration must be Piano Primary.		
PI 413	Accompanying Class	
PI 512	Chamber Music	
VC 433	Song Literature I	
or VC 434	Song Literature II	
Select two of the following:		
VC 118	Italian Diction	
VC 119	French Diction	
VC 120	German Diction	
Piano Studies Concentration		
Note: Students in this concentration must be Piano Primary or approved by the department.		
PI 297	Fund of Piano Pedagogy I	
PI 435	Survey of Piano Literature I	

or PI 436	Survey of Piano Literature II
Select one of the following:	
PI 298	Fund of Piano Pedagogy II
PI 540	Keyboard Skills
Sacred Music Concentration	
SM 121	Survey of Sacred Music Lit
SM 122	Worship and Theology
SM 541	Conducting Church Choirs: Pedagogy & Management
Voice Studies Concentration	
Note: Students in this concentration must be Voice Primary.	
VC 433	Song Literature I
VC 434	Song Literature II
VC 408	Voice Science
VC 118	Italian Diction
or VC 119	French Diction
or VC 120	German Diction

[1]

Students may choose a minor in place of a concentration.

[2]

If MH 345 is selected as part of the core requirement, students must take TH 342 in place of MH 345 as part of their concentration.

[3]

If TH 342 is selected as part of the core requirement, students must take MH 345 in place of TH 342 as part of their concentration.

CAS General Education Curriculum

(43-50 credits)

Code	Title	Credits
I. ESSENTIAL COMPETENCIES:		
Reading and Writing:		**6**
CMP 120	Seminar in Writing and Rhetoric	
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	
or BHP 150	Honors Seminar: Great Ideas II	
Mathematical Reasoning: [1]		**3-4**
MTH 102	Finite Mathematics [6]	
MTH 105	Algebra and Trigonometry	
or MTH 106	Precalculus	
Foreign Language Proficiency: [2]		**3-6**
Select one language path below:		
Chinese		
Select one or two CHI courses below, depending on placement testing:		
CHI 100	Chinese I	
CHI 101	Chinese II	
CHI 200	Chinese III	
CHI 201	Chinese IV	
Or select one CHI 300-400 level course taught in the Chinese language		
French		
Select one or two FRE courses below, depending on placement testing:		
FRE 100	French I	
FRE 101	French II	
FRE 200	French III	
FRE 201	French IV	
Or select one FRE 300-400 level course taught in the French language		
German		
Select one or two GER courses below, depending on placement testing:		
GER 100	German I	
GER 101	German II	
GER 200	German III	
GER 201	German IV	
Italian		
Select one or two ITA courses below, depending on placement testing:		
ITA 100	Italian I	
ITA 101	Italian II	
ITA 200	Italian III	
ITA 201	Italian IV	
Spanish		
Select one or two SPA courses below, depending on placement testing:		
SPA 100	Spanish I	
SPA 101	Spanish II [5]	
or SPA 102	Elementary Spanish II Abroad	
or SPA 103	Introductory Medical Spanish	
SPA 200	Spanish III	
SPA 201	Spanish IV	
Or select one SPA 300-400 level course taught in the Spanish language		
Oral Communication		**3**
COM 104	Speech Communication	
II. DISCIPLINARY PERSPECTIVES		
Scientific Perspectives: [3]		**4-6**
To fulfill the Scientific Perspectives requirement, students may take either a lecture/lab combination (4 credits) or two 3-credit non-lab courses (6 credits). Students who have taken a PSY course to fulfill the Social Perspectives requirement may not take a PSY course to fulfill the Scientific Perspective requirement.		
A. Lecture/Lab Combination Course		
CHE 114 & 114L	Chemistry in the Kitchen and Chemistry in the Kitchen Lab	
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab	
SUS 100 & 100L	Introduction to Sustainability Studies and Intro to Sustainability Lab	
B. 3-Credit Non-Lab Courses:		

BHP 240	Chemistry and Conflict [3]
BHP 251	Idea to Innovation [3]
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]
BHP 281	The Rhetoric of Science [3]
BHP 340	Nature and Nurture [3]
BIO 100	Life Science [3]
BNS 107	Life Science: Brain and Behavior
CHE 115	Chemistry & Society
CSC 105	Fundamentals of Computer Science
ENV 110	Future of Natural Resources
ENV 120	Introduction to Climate Change
GEO 100	Earth Systems Science
GEO 110	Geology of National Parks
GEO 113	Environmental Geology
GEO 168	Mesozoic Ruling Reptiles
MAR 120	Oceanography
PHY 180	Astronomy
PSY 131	The Science of Mental Illness
SOC 150	Introduction to Forensics

Social Perspectives: **6**

Select two of the following. The two courses selected in this category cannot be from the same academic discipline. Students who have taken a PSY course to fulfill the Scientific Perspectives requirement may not take a PSY course to fulfill the Social Perspectives requirement.

BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [3]
BHP 205	Under the Influence: Drugs, Deviance, and Culture [3]
BHP 206	Honors Seminar:Politics/Literacy [3]
BHP 212	Children and the Media [3]
BHP 252	Creativity and Design Thinking [3]
BHP 253	A Cross-Cultural Comparison of Play [3]
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]
BHP 261	The Online Explosion: Radical Changes in Business and Communication [3]
BHP 281	The Rhetoric of Science [3]
BHP 301	The Law and Racial Progress [3]
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology [3]
BHP 315	Honors Seminar: 20th Century European Ideologies [3]
BHP 340	Nature and Nurture [3]
BHP 360	Moral Psychology [3]
COM 105	Communication, Culture and Media
FTV 202	Global Film & Media Industries
GSS 100/GND 100	Introduction to Gender Studies
MCS 210	Power and Privilege in a Multicultural Society
POL 100	U.S. Politics in Crisis
POL 102	Power, Politics and Justice
PSY 102	Explorations in Psychology Honors
PSY 110	Psychology:The Science of Well-being
PSY 117	Psychology of Creativity
PSY 118	Psychology of Women
SOC 101	Sociological Imagination
SOC 280	Social Movements Abroad

Historical Perspectives: **6**

HIS 150	World History to 1500
HIS 151	World History Since 1500

Aesthetic Perspectives: **6**

Select two of the following, one course in Fine Arts and one course in Literature.

Fine Arts	
AMS 307	Depictions of Racism in American Literature, Music, and Film
AMS 309	Hip Hop and American Culture
AMS 310	American Identity in the Arts
ART 104	Survey of Art History I
ART 106	Survey of Art History II
BHP 290	Shakespeare: Page, Stage & Screen [3]
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity [3]
BHP 333	Music and Social Justice [3]
DAN 105	Survey of Dance History
MUS 105	Survey of Music History I
MUS 106	Survey of Music History II
MUS 120	Music and Society
MUS 205	History of Pop and Rock Part I
MUS 206	History of Pop and Rock Part 2
THE 105	Theatre History to 1700
THE 106	Theater History Since 1700
THE 120	Theater Appreciation
THE 206	American Theatre History
Literature	
AMS 210	American Memoir and Autobiography
AMS 306	Poetry and Poetics in American Culture
AMS 308	Kurt Vonnegut's America
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [3]
BHP 205	Under the Influence: Drugs, Deviance, and Culture [3]
BHP 206	Honors Seminar:Politics/Literacy [3]
BHP 222	Honors Seminar: Existentialism in Literature [3]
BHP 227	Race, Gender, and Sexuality in the Age of Empire
BHP 290	Shakespeare: Page, Stage & Screen [3]
BHP 315	Honors Seminar: 20th Century European Ideologies [3]
CHI 307	Images of Women in Chinese Literature and Film
ENG 205	Understanding Literature
ENG 208	Arthurian Legends in Literature
ENG 210	Major American Authors
ENG 211	Major British Authors
ENG 213	Literature and Mythology
ENG 214	Monsters in Literature
ENG 215	Satire and Comedy
ENG 217	Introduction To Shakespeare

ENG 218	Literature and the Environment
ENG 219	Literature and Violence
ENG 220	Literature & Society
ENG 221	Literature and Psychology
ENG 222	Crime and Literature
ENG 224	Science Fiction
ENG 228	Black American Lit
ENG 229	Multi-Ethnic Literature in America
ENG 230	Women In Literature
ENG 270	Major Poets
ENG 290	The Short Story
ENG 295	Human Relationships in Literature (HONORS)
ENG 337	Global Literature
FRE 305	An Introduction to French Literature
FRE 422	Cultural Expression in French Film and Television
FRE 425	Portrait of the Hero in French Fiction
FRE 430	Mask & Reality in French Theater
FRE 435	Self in French Prose & Poetry
FRE 440	A Quest for Identity: Francophone Literature and Culture
GSS 320	Sex, Gender, and Fairy Tales
LIT 250	Masterworks of Western Literature I
LIT 251	Masterworks of Western Literature II
SPA 320	Introduction to Spanish Literature
SPA 325	Introduction to Latin-American/Latino Literature
SPA 413	The Hispanic Short Story: Transatlantic Connections
SPA 416	The Spanish Golden Age
SPA 420	From Colonies to Nations
SPA 426	Latin American/Latino Film and Fiction

Philosophical Perspectives: 3

Select one of the following:

BHP 222	Honors Seminar: Existentialism in Literature [3]
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity [3]
BHP 360	Moral Psychology [3]
PHL 102	Philosophical Thinking
PHL 110	Logic and Language
PHL 115	Ethics
PHL 120	American Philosophy
PHL 130	Political Philosophy
PHL 202	Social Philosophy
PHL 207	Asian Philosophy
PHL 210	Symbolic Logic
PHL 215	Environmental Ethics
PHL 225	Modern Philosophy
PHL 230	Philosophy of the Sexes
PHL 304	Medical Ethics
PHL 310	Problems in 20th-Century Philosophy
PHL 320	Philosophy of Science
PHL 334	Theories of Knowledge
PHL 336	Philosophy of Mind
PHL 343	Theories of Reality
PHL 348	Indian Philosophy
PHL 358	Chinese Philosophy
PHL 360	Contemporary Ethics
PHL 368	Japanese Philosophy

III. GLOBAL PERSPECTIVES 3-4

Select one course below that emphasizes an international, global, and/or non-U.S. cultural perspective and follows the Global Perspective (GP) designation.

BHP 227	Race, Gender, and Sexuality in the Age of Empire [3]
BHP 253	A Cross-Cultural Comparison of Play [3]
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]
BHP 315	Honors Seminar: 20th Century European Ideologies [3]
BHP 360	Moral Psychology [3]
CHE 340	Environmental Chemistry
CHI 307	Images of Women in Chinese Literature and Film
CHI 310	Chinese Culture and Civilization
CHI 311	Calligraphy As a Window to Chinese Language and Culture
COM 252	Intercultural Communication
COM 393	International Communication
DAN 105	Survey of Dance History
ENG 337	Global Literature
ENV 100	Introduction to Environmental Sciences
ENV 110	Future of Natural Resources
ENV 120	Introduction to Climate Change
FMS 250/ENG 281	Global Film History: Origins to 1960
FMS 251/ENG 282	Global Film History: 1961 to Present
FRE 301	French for Business
FRE 305	An Introduction to French Literature
FRE 311	French Culture
FRE 422	Cultural Expression in French Film and Television
FRE 425	Portrait of the Hero in French Fiction
FRE 430	Mask & Reality in French Theater
FRE 435	Self in French Prose & Poetry
FRE 440	A Quest for Identity: Francophone Literature and Culture
FTV 202	Global Film & Media Industries
GEO 100	Earth Systems Science
GEO 113	Environmental Geology
GEO 168	Mesozoic Ruling Reptiles
GLS 180	Understanding Global Relations
GLS 200	The Social Construction of Global Society
GLS 201	Politics of the Global Economy
GLS 285	The Student Global Village
GLS 310	Ethnographic Film
GLS 325	Global Perspectives on Health and Illness
GSS 312	Gender, War and Peace
GSS 322	Witch Hunts: Femicide Through Centuries
GSS 400	Seminar in Transcultural Gender and Sexuality

HCP 303	Global Health and Human Rights
HIS 273	Imperial Russia
HIS 274	Modern Russia
HIS 333	20th-Century Europe
HIS 334	The Era of World War II
HIS 335	Nazi Germany & Hitler's Europe
HIS 343	Ottoman Empire and the Balkans
HIS 352	History of Socialism
LIT 250	Masterworks of Western Literature I
MAR 120	Oceanography
PHL 102	Philosophical Thinking
PHL 207	Asian Philosophy
PHL 334	Theories of Knowledge
PHL 336	Philosophy of Mind
PHL 343	Theories of Reality
PHL 348	Indian Philosophy
PHL 358	Chinese Philosophy
PHL 368	Japanese Philosophy
PHL 418	Great Buddhist Thinkers
POL 215	Global Politics
POL 225	Nationalism in World Politics
POL 280	Sex & Gender in International Politics
POL 303	Global Justice
POL 306	American Political Film
POL 307	Political Communication
POL 315	Global Issues
POL 317	Model United Nations
POL 318	Conflict Resolution
POL 320	Politics of the Middle East
POL 322	African Politics
POL 328	Environmental Politics
POL 329	Comparative Environmental Policy
POL 330	Geopolitics of Energy
POL 350	U.S. Foreign Policy and Security Policy
POL 367	Global Immigration
PSY 334	Disabilities Across Cultures
POL 363/HLS 363	Human Rights in Global Context
SOC 280	Social Movements Abroad
SPA 301	Spanish for Business
SPA 303	Advanced Communication and Popular Cultures
SPA 310	Spanish Culture & Civilization
SPA 311	Latin American Cultures
SPA 312	Latinx Cultures
SPA 320	Introduction to Spanish Literature
SPA 325	Introduction to Latin-American/Latino Literature
SPA 416	The Spanish Golden Age
SPA 420	From Colonies to Nations
SPA 426	Latin American/Latino Film and Fiction
SPA 430	Latinx Community Engagement
SUS 100	Introduction to Sustainability Studies
Total Credits	**43-50**

1

Students enrolled in MTH 102 (http://catalog.rider.edu/search/?P=MTH%20102) will be given a brief test, prepared by the Department of Mathematics, during the first five business days of the semester. Those placing below a minimum score set by the Department of Mathematics on the test will be required to participate in one hour of structured tutoring once per week concurrent with taking MTH 102 (http://catalog.rider.edu/search/?P=MTH%20102). All others enrolled in the class are strongly encouraged to participate in available tutoring.

2

Students who place at the 101-level or above are required to take a minimum of 3 credits at the level of placement. Students who are native speakers of languages not offered at Rider University may have their requirement waived upon documentation of proficiency. This documentation could be in the form of a transcript on letterhead sent by the accredited institution abroad, or fee-based proficiency tests. To initiate a request for a waiver, students should see the chairperson of the Department of Languages, Literatures, and Cultures (https://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/). Students beginning a new language must complete the language placement form (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/departments/languages-literatures-cultures/placement-testing/foreign-language-placement-form/) and are not required to take a placement test. Once completing the form, they will have met the prerequisites to register for CHI, FRE, GER, ITA, or SPA100.

3

Due to the interdisciplinary nature of BHP classes, upper-level seminars may satisfy two different categories from the Disciplinary Perspectives. For courses that satisfy more than one DP category, BHP students must select which general education requirement they would like the course to fulfill.

Certificate in Music Composition Studies

(9 credits)

The Certificate in Music Composition Studies is intended for any Rider undergraduate student who is not in the B.A.M. degree but who has an interest in composition, arranging, and orchestration.

Code	Title	Credits
Required course:		
TH 237	Composition Class	3
Select two of the following:		**6**
TH 253	Orchestration	
TH 255	Song Writing	
TH 259	Electroacoustic Music	
TH 424	Choral and Instrumental Arranging	
Total Credits		**9**

Note: Elective composition lessons are optional and are available for an additional fee.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CR 109	Chapel Choir	1
PI 103 or VC 103	Piano Secondary I or Voice Secondary	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
TH 141	Musicianship I	4
CMP 125	Seminar in Writing and Research	3
Foreign Language level I		3
Arts &Sciences elective		3
	Semester Credit Hours	**17**
Spring Semester		
CR 109	Chapel Choir	1
PI 104 or VC 103	Piano Secondary II or Voice Secondary	1
VC 115	English & Italian Diction [1]	2
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
TH 142	Musicianship II	4
Foreign Language level II		3
Literature elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CR 209	Schola Cantorum	1
PI 203 or VC 203	Piano Secondary III or Voice Secondary	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
TH 241	Musicianship III	4
MH 247	Music Historiography I	3
VC 116	French & German Diction [1]	2
Philosophy/Religion elective		3
	Semester Credit Hours	**16**
Spring Semester		
CR 209	Schola Cantorum	1
PI 208 or VC 203	Piano Secondary BAM or Voice Secondary	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
MH 248	Music Historiography II	3
Writing Intensive elective		3
Natural Science/Math elective		3
	Semester Credit Hours	**13**
Year 3		
Fall Semester		
CR 509	Symphonic Choir	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
MH 433	Seminar in Music History	3
Concentration course		3
Social Science elective		3
Arts & Sciences elective		3
	Semester Credit Hours	**15**
Spring Semester		
CR 509	Symphonic Choir	1
TH 342 or MH 345	Contemporary Trends or Music Since 1900	3
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
Concentration course		3
Arts & Sciences electives		6
History elective		3
	Semester Credit Hours	**18**
Year 4		
Fall Semester		
CR 509	Symphonic Choir	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
Concentration course		3
Arts & Sciences electives		6
Free Electives		3
	Semester Credit Hours	**15**
Spring Semester		
CR 509	Symphonic Choir	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
Arts & Sciences electives		6
Free Electives		6
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**125**

1

VC 115 and VC 116 are required for Voice primary students only. Organ and piano primary students may substitute cour additional credits of free electives.

Courses and Descriptions

CR 109 Chapel Choir 1 Credits

Comprised of undergraduate students in their first year of study, Chapel Choir focuses on music for men's, women's, and mixed chorus. The ensemble provides the fundamentals of artistic choral ensemble singing and a foundation for all Westminster choral ensembles. Placement hearing required.

CR 209 Schola Cantorum 1 Credits
Comprised of undergraduate students in their second year of study, Schola Cantorum focuses on music for mixed chorus and continues to build and refine the skills developed in Chapel Choir. This ensemble presents campus, community, and regional performances. Placement hearing required.

CR 509 Symphonic Choir 1 Credits
A large mixed chorus comprised of students above the lower division, including graduate students from all disciplines. The ensemble regularly performs in the region and focuses on the major choral/orchestral repertoire along with a wide variety of repertoire for large mixed chorus. Placement hearing required.

MH 247 Music Historiography I 3 Credits
Historiography I begins by exploring similarities and differences between various music cultures around the world, and continues with an examination of selected genres of Western Art Music of the Medieval, Renaissance and Baroque periods. Basic information literacy skills, such as searching library catalogs, databases and reading academic articles also will be covered.
Prerequisite(s): CMP 125.

MH 248 Music Historiography II 3 Credits
Examines Western Art Music since 1750 and includes a research assignment that builds upon the information literacy skills gained in MH 247.
Prerequisite(s): MH 247.

MH 345 Music Since 1900 3 Credits
Examines controversies and aesthetic movements in 20th and 21st century music. Emphasis is placed upon critical reading and writing skills.
Prerequisite(s): MH 248.

MH 433 Seminar in Music History 3 Credits
The contents of courses carrying this number will vary with the special interests and qualifications of the instructors teaching them. Possible topics include period courses, courses from a distinct perspective, composer courses and genre courses.
Prerequisite(s): MH 248.

OR 168A Applied Organ 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

PI 168A Applied Piano 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

PI 297 Fund of Piano Pedagogy I 3 Credits
Fundamentals I is devoted to study of techniques, methods, and materials suitable for beginning through early intermediate level students. Other areas of study include motivational strategies, establishment of effective practice habits, recital preparation, technique, and elementary duet materials. Students analyze and demonstrate teaching from three different beginning piano methods. Observation of professional teaching is done in the context of class and private lessons at the Westminster Conservatory.

PI 298 Fund of Piano Pedagogy II 3 Credits
In Fundamentals II, students continue to apply their experience with piano methods to the teaching of students. In addition, the semester is devoted to the study of materials from all style periods for upper elementary and intermediate level students. Students observe private and group lessons appropriate to these levels. The course culminates in an individual lecture recital demonstrating music from a variety of style periods.
Prerequisite(s): PI 297.

PI 435 Survey of Piano Literature I 3 Credits
A study of representative works from 1650-1800 by composers including J. S. Bach, C.P.E. Bach, J.C. Bach, Haydn, Mozart, and Beethoven.
Prerequisite(s): MH 248.

PI 436 Survey of Piano Literature II 3 Credits
A study of representative works from 1800 to the present by composers including Beethoven, Schubert, Mendelssohn, Schumann, Chopin, Liszt, Brahms, Debussy, Ravel, Prokofiev, and Bartók.
Prerequisite(s): MH 248.

PI 413 Accompanying Class 2 Credits
This course is designed with the twofold purpose of allowing undergraduate pianists to fulfill their piano ensemble elective requirement within the professional studies area as well as providing an opportunity for voice primary students to further their piano study in a challenging forum in situations directly related to their repertoire. The students in the class will receive instruction in the stylistic, technical, analytical and linguistic aspects of vocal literature. The many issues involved in vocal collaboration will be discussed along with in-depth study of the pianist's role in musical partnerships. Issues of musical freedom, language, and the varieties of sonic treatment unique to vocal literature will be discussed. Italian, French, German and English song repertoire from various style periods will provide the assignments for performance and discussion.

PI 512 Chamber Music 2 Credits
Emphasis is placed upon rehearsal and performances of representative collaborative literature for strings and piano, and woodwinds and piano. Students will be assigned movements from major chamber works selected from different style periods. Professional instrumentalists will join them for rehearsals and performances in class. An overview of the development of this repertoire will be presented and listening assignments will augment the study of specific works. A project involving the study and presentation of a piano quartet or piano quintet will be included. Attendance at three concerts of instrumental chamber music is required. Permission of applied teacher and instructor is required.

PI 540 Keyboard Skills 3 Credits
The course includes in-depth study of numerous aspects of musicianship skills essential for all pianists within the broader categories of technique and practice strategies; memorization and sight reading; improvisation and lead sheet realization. All aspects of piano musicianship skills will be addressed from practical, pedagogical, and collaborative points of view. Assignments will include examples of studies from a wide range of levels all within the current and developing skill level of each student enrolled in the class.
Prerequisite(s): UG - Eight credits of applied keyboard study or permission of keyboard instructor or course instructor. GR - Permission of course instructor.

SM 121 Survey of Sacred Music Lit 3 Credits
Broad survey of Christian music. Through standard repertoire, major historical genres of sacred music are explored from biblical roots in the Old and New Testament to the postmodern expressions of our time.

SM 122 Worship and Theology 3 Credits
A study of the content, theology, and history of the Old and New Testament narratives that the church recounts and celebrates in its liturgical year.

SM 541 Conducting Church Choirs: Pedagogy & Management 3 Credits
A practical course devoted to the building and maintenance of church music programs serving persons of all ages.

TH 141 Musicianship I 4 Credits
This course assists students in learning and integrating aural, performance, analytical and composition skills involving diatonic melody and harmony. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade.
Prerequisite(s): TH 045 or passing a placement test.

TH 142 Musicianship II 4 Credits
A continuation of TH 141 involving chromatic melody and harmony with an introduction to binary and ternary form.
Prerequisite(s): minimum "C-" grade in TH 141.

TH 237 Composition Class 3 Credits
Class instruction in original composition. May be taken as a level I elective.
Prerequisite(s): For non Theory/Composition majors only, minimum "C-" grade in TH 142.

TH 241 Musicianship III 4 Credits
A continuation of TH 142 with an introduction to larger musical forms and counterpoint.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 253 Orchestration 3 Credits
A study of the orchestra and its individual instruments from the standpoints of the composer, arranger and conductor. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 259 Electroacoustic Music 3 Credits
An introduction to the history and literature of electroacoustic music emphasizing hands-on creative opportunities in sequencing and digital sound processing. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 342 Contemporary Trends 3 Credits
An analytical study of the compositional techniques of the 20th and 21st centuries.
Prerequisite(s): TH 241.

TH 424 Choral and Instrumental Arranging 3 Credits
Arranging for various ensembles of voices and instruments. May be taken as a level II theory elective.
Prerequisite(s): TH 241.

VC 168A Applied Voice 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

VC 115 English & Italian Diction 2 Credits
Introduction to the rules of singing English and Italian through the use of the International Phonetic Alphabet (IPA) with oral and written drill.

VC 116 French & German Diction 2 Credits
Introduction to the rules of singing French and German through the use of the International Phonetic Alphabet (IPA) with oral and written drill.
Prerequisite(s): VC 115.

VC 118 Italian Diction 2 Credits
Introduction to the rules for singing Italian through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 119 French Diction 2 Credits
Introduction to the rules for singing French through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 120 German Diction 2 Credits
Introduction to the rules for singing German through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 408 Voice Science 3 Credits
Study of the physics and physiology of voice production. Musical and vocal acoustics are explored using the facilities of the Westminster Voice Laboratory. Anatomic and physiologic underpinnings of respiration, phonation, articulation, registration and hearing are explored in depth.

VC 433 Song Literature I 2 Credits
A survey of solo literature for voice and accompanying instrument including solo vocal music of the Baroque period and German lieder.
Prerequisite(s): MH 248.

VC 434 Song Literature II 2 Credits
A survey of solo literature for voice and accompanying instrument including French mélodie, songs by nationalist composers, English and American song.
Prerequisite(s): MH 248.

Music Education

Program Overview

The undergraduate Music Education degree normally takes four years to complete and includes courses in music education, musicianship studies, general education, and field experiences. Each year students engage in increasingly intensive field experiences, culminating with a semester of full-time student teaching in the last year.

All music education majors must maintain a portfolio of work providing evidence of their suitability for teaching. Portfolios are reviewed as part of the Sophomore Review taken near the completion of 60 credits. Music Education majors must maintain a minimum cumulative grade point average of 3.0. Students whose general progress is unsatisfactory or whose cumulative grade point average falls below a minimum 3.0 level may be dropped from the Music Education major. If a student is dropped from the major because of failure to maintain the minimum grade point average, s/he may apply for readmission to the Music Education department. Readmission will be dependent upon various criteria, including the G.P.A., current academic progress and the student's general standing. Decisions regarding retention or appeals will be made in a manner consistent with state and institutional non-discrimination policies.

At the time of the sophomore portfolio, students with a high GPA and excellent writing skills may be invited into the 4+1 Bachelor of Music/Master of Music Education program. As part of this dual enrollment program, students can take master's level courses during their junior and senior years that can be applied toward their Master of Music Education degree. Many students can complete the MME degree in one additional year of study. Summer study and/or J-Term study may also be necessary. Students in this program are required to maintain a GPA of 3.0 or above and are provided a fifth year of funding equal to their undergraduate financial package.

To graduate, students must complete all requirements for New Jersey teacher certification for Certified Educator with Advanced Standing (CEAS). **Students who want to be able to apply for teaching positions in other states should become familiar with teacher certification requirements for states of interest ASAP to determine if additional coursework is needed.** In addition to successfully completing required coursework, the State of New Jersey requires students to:

1. Satisfy basic skills (reading, writing, math) proficiency as a prerequisite for taking the Sophomore Review. Proficiency is satisfied for students who score at or above the identified cut scores on the SAT or ACT. Students who do not have sufficient SAT or ACT test scores must pass the Praxis Core Academic Skills (https://www.ets.org/praxis/nj/requirements/) tests to satisfy basic skills proficiency.

2. Complete a minimum of 50 hours of clinical experience during the first four semesters and 175 hours of clinical practice before full-time clinical practice (student teaching).

3. Pass the Praxis Music Content Exam.

4. Pass the performance-based edTPA Exam.

For more information about non-course program requirements, see links on Undergraduate Music Education Homepage. (http://www.rider.edu/wcc/academics/undergraduate-programs/music-education/)

Curriculum Overview

The Music Education curriculum includes courses in elementary and secondary general music education, choral music education, instrumental studies, music technology and creativity, and students with special needs. An innovative four-course sequence integrates theoretical foundations of planning, teaching, assessing, and musicianship development with practical application through peer teaching and field-based music teaching. The undergraduate Music Education curriculum is intended to develop teachers who are reflective, who acknowledge the connections music has to the child's world and who seek to promote an understanding of those connections in a social context.

Music Education Portfolios

All Music Education majors must maintain portfolios of work providing evidence of their suitability for teaching. Portfolios of undergraduates are reviewed by the department with students when they have earned at least 60 credits as well as upon completion of ME 492. Students must pass the portfolio review to continue in the department. Portfolios of graduate students are reviewed each year.

Student Teaching

Student teaching is a full semester in duration and is usually completed during the seventh or eighth semester of study. Students may not enroll for any applied or classroom courses during the semester of student teaching, except for ME 587. In addition, students may not present or participate in recitals or choral performances or ensembles during the semester of student teaching. Further departmental policies regarding the student teaching semester are contained in the Music Education Department Handbook. Students are referred to the paragraph above which relates to registering for the student teaching semester.

Practicums and Field-based Observations

In addition to the standard student teaching semester in the senior year, a special feature of the Westminster Choir College program is the experience of observation and teaching in the context of the Art of Teaching Music courses ME 161, ME 262, ME 563 and ME 564. These combine instruction in music methods with practical experience in public school contexts. Several music education courses require students to make observations of music classes in urban, suburban, public and/or private schools.

Students must be prepared to arrange for transportation to and from practicums at a reasonable distance from the college and to sustain related expenses.

Students will be required to obtain a background clearance in an assigned school district in order to participate in a field experience. Students who have been convicted of a felony may not be approved for field experiences, and are not able to receive New Jersey State Teacher Licensure.

Degrees Offered

- B.M. in Music Education
- Dual Degree Program: B.M. in Music Education/Master of Music Education
- Certificate in Music Education

Contact

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Program Website: Music Education (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/westminster-choir-college/undergraduate/music-education/)

Associated Department: Department of Music Studies

Accreditation: Council for the Accreditation of Educator Preparation (http://caepnet.org/) (CAEP).

Related Programs
Voice Performance (p. 554)

Faculty

Sarah Perry • Assistant Professor, Music Education, 2021. B.S., Elizabethtown College; M.A., M.E., Ed.D., Teachers College, Columbia University.
Jason Vodicka • Associate Professor, Music Education, 2018. B.M., M.M., Westminster Choir College of Rider University; D.M.A., University of Georgia.

G. Preston Wilson, Jr. • Assistant Professor, Music Education, 2021. B.M., Fisk University; M.M., Bowling Green State University.

Music Education Program Requirements

(131-133 credits)

Music Education Requirements (p. 414) **(110 credits)**
CAS General Education Curriculum (p. 415) **(21-23 credits)**

Music Education Requirements

Code	Title	Credits
Complete the following courses:		
Choirs and Conducting		
CR 109	Chapel Choir (2 terms)	2
CR 209	Schola Cantorum (2 terms)	2
CR 509	Symphonic Choir (3 terms)	3
CR 215	Fundamentals of Conducting	3
CR 315	Techniques of Conducting	3
Applied Music and Diction		
VC 115	English & Italian Diction	2
VC 116	French & German Diction	2
Select one of the following concentrations:		14
Organ Concentration (7 terms)		
OR 168A	Applied Organ	
Piano Concentration (7 terms)		
PI 168A	Applied Piano	
Voice Concentration (7 terms)		
VC 168A	Applied Voice	
Voice or Piano secondary (4 terms)		**4**
VC 103	Voice Secondary	
or VC 203	Voice Secondary	
or PI 103	Piano Secondary I	
or PI 104	Piano Secondary II	
Theory and Music History		
TH 141 & TH 142 & TH 241	Musicianship I and Musicianship II and Musicianship III	12
MH 247 & MH 248	Music Historiography I and Music Historiography II	6
TH 342	Contemporary Trends	3
MH 345	Music Since 1900	3
Music History (MH) elective		
MH 433	Seminar in Music History	3
Theory (TH) level I elective		**3**
Select one of the following:		
TH 237	Composition Class	
TH 251	Analytical Studies I	
TH 253	Orchestration	
TH 255	Song Writing	
TH 259	Electroacoustic Music	
Theory (TH) level II elective		**3**
Select one of the following:		
TH 424	Choral and Instrumental Arranging	
TH 431	Form and Analysis	
TH 432	Contrapuntal Techniques	
TH 433	Special Topics in Theory	
TH 452	Analytical Studies II	
TH 550	Keyboard Harmony	
Professional Studies		
Complete all of the following courses:		
ME 111	Music Education Lab (7 terms)	0
ME 161	Art of Teaching Music I	3
ME 187	Instrumental Music: Strings	1
ME 188	Instrumental Music: Winds/Percussion	2
ME 262	Art of Teaching Music II	4
ME 492	Student Teaching	12
ME 563	Art of Teaching Music III	4
ME 564	Art of Teaching Music IV	4
ME 587	Music in Special Educ	1
ME 592	Creativity & Music Technology	2
PSY 100	Introduction to Psychology	3
PSY 230	Child Development	3
or PSY 231	Youth and Adolescent Development	
Free electives		3
Total Credits		**110**

Notes

1

VC 115 and VC 116 are required for voice primary students only. Organ and piano primary students may substitute four additional credits of free electives for these two courses.

2

Students must successfully complete a portfolio review during the semester in which they will earn 58-60 credits in order to continue as music education majors. Transfer students with sophomore status must successfully complete the portfolio review at the end of the first year of study.

CAS General Education Curriculum

Code	Title	Credits
General Education Requirements		
Reading and Writing		**6**
CMP 120	Seminar in Writing and Rhetoric	
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	
or BHP 150	Honors Seminar: Great Ideas II	
Mathematical Reasoning [1]		**3-4**
Select one of the following:		
MTH 102	Finite Mathematics	
MTH 105	Algebra and Trigonometry	
MTH 106	Precalculus	
Scientific Perspectives: [2]		**3-4**

To fulfill the Scientific Perspectives requirement, students may select either a lecture/lab combination (4 credits) or one 3-credit non-lab course (3 credits). Students who have taken a PSY course to fulfill the Social Perspectives requirement may not take a PSY course to fulfill the Scientific Perspective requirement.

A. Lecture/Lab Combination Courses		

CHE 114 & 114L	Chemistry in the Kitchen and Chemistry in the Kitchen Lab
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab
SUS 100 & 100L	Introduction to Sustainability Studies and Intro to Sustainability Lab
B. 3-Credit Non-Lab Courses:	
BHP 240	Chemistry and Conflict [3]
BHP 251	Idea to Innovation [3]
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]
BHP 281	The Rhetoric of Science [3]
BHP 340	Nature and Nurture [3]
BIO 100	Life Science
BNS 107	Life Science: Brain and Behavior
CHE 115	Chemistry & Society
CSC 105	Fundamentals of Computer Science
ENV 110	Future of Natural Resources
ENV 120	Introduction to Climate Change
GEO 100	Earth Systems Science
GEO 110	Geology of National Parks
GEO 113	Environmental Geology
GEO 168	Mesozoic Ruling Reptiles
MAR 120	Oceanography
PHY 180	Astronomy
PSY 131	The Science of Mental Illness
SOC 150	Introduction to Forensics
Social Perspectives (select one course)	**3**
Students who have taken a PSY course to fulfill the Scientific Perspectives requirement may not take a PSY course to fulfill the Social Perspectives requirement.	
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [3]
BHP 205	Under the Influence: Drugs, Deviance, and Culture [3]
BHP 206	Honors Seminar:Politics/Literacy [3]
BHP 212	Children and the Media [3]
BHP 252	Creativity and Design Thinking [3]
BHP 253	A Cross-Cultural Comparison of Play [3]
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [3]
BHP 261	The Online Explosion: Radical Changes in Business and Communication [3]
BHP 281	The Rhetoric of Science [3]
BHP 301	The Law and Racial Progress [3]
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology [3]
BHP 315	Honors Seminar: 20th Century European Ideologies [3]
BHP 340	Nature and Nurture [3]
BHP 360	Moral Psychology [3]
COM 105	Communication, Culture and Media
FTV 202	Global Film & Media Industries
GSS 100	Introduction to Gender Studies
MCS 110/GSS 110	Race, Class and Gender in Contemporary American Society
MCS 210	Power and Privilege in a Multicultural Society
POL 100	U.S. Politics in Crisis
POL 102	Power, Politics and Justice
PSY 102	Explorations in Psychology Honors [2]
PSY 110	Psychology:The Science of Well-being [2]
PSY 117	Psychology of Creativity [2]
PSY 118	Psychology of Women [2]
SOC 101	Sociological Imagination
SOC 280	Social Movements Abroad
Historical Perspectives:	**3**
Select one of the following:	
HIS 150	World History to 1500
HIS 151	World History Since 1500
Select one course from the Aesthetic or Philosophical Perspective	**3**
Aesthetic Perspectives:	
AMS 210	American Memoir and Autobiography
AMS 306	Poetry and Poetics in American Culture
AMS 308	Kurt Vonnegut's America
BHP 201	Age of Shakespeare: A Study in Cultural History [3]
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [3]
BHP 205	Under the Influence: Drugs, Deviance, and Culture [3]
BHP 206	Honors Seminar:Politics/Literacy [3]
BHP 222	Honors Seminar: Existentialism in Literature [3]
BHP 227	Race, Gender, and Sexuality in the Age of Empire [3]
BHP 290	Shakespeare: Page, Stage & Screen [3]
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology [3]
BHP 315	Honors Seminar: 20th Century European Ideologies [3]
CHI 307	Images of Women in Chinese Literature and Film
ENG 205	Understanding Literature
ENG 208	Arthurian Legends in Literature
ENG 210	Major American Authors
ENG 211	Major British Authors
ENG 213	Literature and Mythology
ENG 214	Monsters in Literature
ENG 215	Satire and Comedy
ENG 217	Introduction To Shakespeare
ENG 218	Literature and the Environment
ENG 219	Literature and Violence
ENG 220	Literature & Society
ENG 221	Literature and Psychology
ENG 222	Crime and Literature
ENG 224	Science Fiction
ENG 228	Black American Lit
ENG 229	Multi-Ethnic Literature in America
ENG 230	Women In Literature

ENG 270	Major Poets
ENG 290	The Short Story
ENG 295	Human Relationships in Literature (HONORS)
ENG 337	Global Literature
FRE 305	An Introduction to French Literature
FRE 422	Cultural Expression in French Film and Television
FRE 425	Portrait of the Hero in French Fiction
FRE 430	Mask & Reality in French Theater
FRE 435	Self in French Prose & Poetry
FRE 440	A Quest for Identity: Francophone Literature and Culture
GSS 320	Sex, Gender, and Fairy Tales
LIT 250	Masterworks of Western Literature I
LIT 251	Masterworks of Western Literature II
SPA 320	Introduction to Spanish Literature
SPA 325	Introduction to Latin-American/Latino Literature
SPA 413	The Hispanic Short Story: Transatlantic Connections
SPA 416	The Spanish Golden Age
SPA 420	From Colonies to Nations
SPA 426	Latin American/Latino Film and Fiction
Philosophical Perspectives	
BHP 222	Honors Seminar: Existentialism in Literature [3]
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity [3]
BHP 360	Moral Psychology [3]
PHL 100	Plato and Aristotle
PHL 102	Philosophical Thinking
PHL 110	Logic and Language
PHL 115	Ethics
PHL 120	American Philosophy
PHL 125	Philosophies of Education
PHL 130	Political Philosophy
PHL 202	Social Philosophy
PHL 207	Asian Philosophy
PHL 210	Symbolic Logic
PHL 215	Environmental Ethics
PHL 225	Modern Philosophy
PHL 230	Philosophy of the Sexes
PHL 304	Medical Ethics
PHL 310	Problems in 20th-Century Philosophy
PHL 320	Philosophy of Science
PHL 343	Theories of Reality
PHL 348	Indian Philosophy
PHL 358	Chinese Philosophy
PHL 360	Contemporary Ethics
PHL 368	Japanese Philosophy
Total Credits	**21-23**

1

Appropriate mathematics and science courses may be substituted if required by the major. Students may also fulfill this requirement by taking an upper-level MTH course (e.g., MTH 210 (http://catalog.rider.edu/search/?P=MTH%20210), MTH 211 (http://catalog.rider.edu/search/?P=MTH%20211)).

2

Students who choose a Psychology (PSY) course to fulfill a requirement for Scientific Perspectives may not choose a Psychology (PSY) course to fulfill a requirement for Social Perspectives, and vice versa.

3

Due to the interdisciplinary nature of BHP classes, upper-level seminars may satisfy two different categories for the Disciplinary Perspectives. For courses that satisfy more than one DP category, BHP students much choose which general education requirement they would like the course to fulfill.

Certificate in Music Education

(9 credits)

The certificate in Music Education is intended for undergraduate students in other degree programs, both within or outside of Westminster Choir College. Students who have an interest in teaching music or intend to teach music as part of their future careers as performers, church musicians, elementary educators, etc. will be provided with the foundational knowledge needed to pursue their chosen path. This certificate is not intended for students who will teach full-time in a public school. This certificate does not lead to any state teaching certification.

Code	Title	Credits
Required course:		
ME 161	Art of Teaching Music I	3
Select 6 credits from the following courses:		**6**
ME 187	Instrumental Music: Strings (1 credit)	
ME 188	Instrumental Music: Winds/Percussion (2 credits)	
ME 262	Art of Teaching Music II (4 credits)	
ME 471	Music and Hip Hop Culture (3 credits)	
ME 472	Teaching/Learning:Urban Schools (3 credits)	
Total Credits		**9**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CR 109	Chapel Choir	1
PI 103 or VC 103	Piano Secondary I or Voice Secondary	1
TH 141	Musicianship I	4
ME 111	Music Education Lab	0

OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 187	Instrumental Music: Strings	1
CMP 125	Seminar in Writing and Research	3
Math elective		3
	Semester Credit Hours	**15**
Spring Semester		
CR 109	Chapel Choir	1
PI 104 or VC 103	Piano Secondary II or Voice Secondary	1
ME 111	Music Education Lab	0
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 161	Art of Teaching Music I	3
ME 188	Instrumental Music: Winds/Percussion	2
PSY 100	Introduction to Psychology	3
TH 142	Musicianship II	4
VC 115	English & Italian Diction [1]	2
	Semester Credit Hours	**18**
Year 2		
Fall Semester		
CR 215	Fundamentals of Conducting	3
CR 509	Symphonic Choir	1
PI 203 or VC 203	Piano Secondary III or Voice Secondary	1
MH 247	Music Historiography I	3
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 111	Music Education Lab	0
ME 262	Art of Teaching Music II	4
TH 241	Musicianship III	4
	Semester Credit Hours	**18**
Spring Semester		
CR 315	Techniques of Conducting	3
CR 509	Symphonic Choir	1
PI 204 or VC 203	Piano Secondary for Mus Ed & Sacred Music or Voice Secondary	1
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 111	Music Education Lab	0
MH 248	Music Historiography II	3
TH 342	Contemporary Trends	3
VC 116	French & German Diction [1]	2
Arts & Sciences elective		3
	Semester Credit Hours	**18**
Year 3		
Fall Semester		
CR 509	Symphonic Choir	1
MH 345	Music Since 1900	3
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 111	Music Education Lab	0
ME 592	Creativity & Music Technology	2
PSY 230 or PSY 231	Child Development or Youth and Adolescent Development	3
Theory Level I elective		3
Arts & Sciences elective		3
	Semester Credit Hours	**17**
Spring Semester		
CR 509	Symphonic Choir	1
ME 111	Music Education Lab	0
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
MH 433	Seminar in Music History	3
ME 563	Art of Teaching Music III	4
Theory Level II elective		3
Arts & Sciences elective		3
Free elective		3
	Semester Credit Hours	**19**
Year 4		
Fall Semester		
CR 509	Symphonic Choir	1
ME 111	Music Education Lab	0
OR 168A or PI 168A or VC 168A	Applied Organ or Applied Piano or Applied Voice	2
ME 564	Art of Teaching Music IV	4
Arts & Sciences elective		3
Free elective		3
Recital		
	Semester Credit Hours	**13**
Spring Semester		
ME 492	Student Teaching	12
ME 587	Music in Special Educ	1
	Semester Credit Hours	**13**
	Total Credit Hours for Graduation	**131**

1

VC 115 and VC 116 are required for voice primary students only. Organ and piano primary students may substitute four additional credits of free electives.

Courses and Descriptions

ME 111 Music Education Lab 0 Credits

Undergraduates must meet the weekly attendance and participation requirement for Music Education Lab during every semester of enrollment up to seven semester as an undergraduate Music Education major except for the student teaching semester. Grading is “P” (satisfactory) or “U” (unsatisfactory). As part of the Music Education Lab experience, students are required to complete 15 hours of professional development.

ME 161 Art of Teaching Music I 3 Credits
Art of Teaching Music I (ATM I) is a first in the sequence of Music Education courses designed to prepare the undergraduate Music Education major students for their student teaching experience and completion of their teaching licensure. There will be field observations of master teachers under the aegis of a music education faculty that will allow students not only to observe, but to have guided experience in assessing how teaching and learning are experienced in real classrooms. Partnerships between local expert teachers and music education faculty will allow students to complete field observations as well as guided experience in teaching and assessing students in real classrooms.

ME 187 Instrumental Music: Strings 1 Credits
This course is designed as an introduction to the pedagogy of string instruments. Emphasis is on learning through performance. Instruments are required. Various methods and materials available for use in public schools, developmental ranges, transposition, scoring, and idiomatic writing are investigated. When available, instruments may be rented from the college. Rental fee, per instrument: $25.

ME 188 Instrumental Music: Winds/Percussion 2 Credits
This course is designed as an introduction to the pedagogy of brass, woodwind, and percussion instruments. Emphasis is on learning through performance. Instruments are required. Various methods and materials available for use in public schools, developmental ranges, transposition, scoring and idiomatic writing are investigated. When available, instruments may be rented from the college. Students must provide their own drum pads and sticks. Rental fee, per instrument: $60.

ME 471 Music and Hip Hop Culture 3 Credits
Hip Hop in the United States is arguably the most lucrative, popular, and culturally challenging contemporary musical force. The narratives of Hip Hop go beyond the boundaries of race and class as well as those of music, poetry and dance. As such, Hip Hop is a phenomenon that presents problems as well as great possibilities. This course explores them from the standpoint of educational sociology, looking at their implications for music in schools as well as in daily life.

ME 472 Teaching/Learning:Urban Schools 3 Credits
This course offers students theoretical and practical insight into teaching in urban schools. The class will present an analysis and practical implications for what is needed in order to successfully engage in teaching in urban centers in the United States. Students will balance field experiences with critical analyses of issues such as multicultural teaching, race, class, and economics in urban schools as well as their curricular and pedagogical implications.
Prerequisite(s): ME 581, ME 582.

ME 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

ME 491 Kodaly Music Reading 2 Credits

ME 492 Student Teaching 12 Credits
A full semester internship in directed full-time teaching supervised by department members and carried out in schools with approved cooperating teachers. In addition to the field experience, students attend a weekly seminar on campus to discuss current issues in music education as they relate to individual teaching situations. Students discuss classroom management strategies, action research, authentic instruction, critical thinking, feeling and action as well as teaching to focused questions, concepts and objectives. Throughout student teaching, students maintain a digital portfolio that demonstrates how they meet the New Jersey State and INTASC teaching standards. At the conclusion of the semester, students attend a portfolio review with members of the Music Education faculty to assess the success of the teaching experience. Students must provide their own transportation to student teaching site. Student Teaching fee: $245. Fees for the Praxis Examination and Teacher Certification are additional. Additional information regarding student teaching may be found in the department's Student Teaching Handbook at www.rider.edu/musiced.
Prerequisite(s): Minimum grade of B- in ME 564; Classification as a full senior; Satisfactory completion of music education courses numbered ME 161, ME 262, ME 563, ME 564, ME 187, ME 188, and either PSY 230 Child Developmental or PSY 231 Youth and Adolescent Development; Satisfactory completion of TH 241; For voice primary students, satisfaction of all requirements of PI 204; A minimum 3.0 cumulative GPA; Demonstrated aptitude, motivation and potential for success in teaching, as evidenced by the successful completion of portfolio reviews; Departmental approval; Students in the Master of Music Education (MME) degree program must take the following courses as prerequisites to student teaching; ME 563, ME 564, ME 725.

ME 499 Special Topics Music Education 2 Credits
The content of this course and the number of credits will vary with the special interests and qualifications of the professor teaching it.

Music Production

Program Overview

The B.A. in Music Production provides students with the skills necessary to make music at every step of the process. Students will take courses that help them germinate ideas for songs, flesh them out in arrangements, work fluidly in digital software, generate their own unique sounds through digital synthesis, and apply mixing techniques that make their songs ready to be shared with the world.

The Music Production B.A. grounds all of this work in an understanding of popular music theory and an exploration of the social and political histories of popular music, fostering well-rounded, deeply knowledgeable musicians. Music Production students are also encouraged to take courses in departments across the university that cover skills in radio, podcasting, and multimedia, as well as music publishing and other aspects of the music industry. The degree culminates in a capstone project or internship where the student applies all that they've learned in a self-directed study or a work environment in their future field.

Degree Offered

- B.A. in Music Production
- Minor in Music Production

Contact

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Program Website: Music Production (http://www.rider.edu/academics/colleges-schools/westminster-college-of-the-arts/school-of-fine-performing-arts/undergraduate-programs/popular-music-culture/)

Associated Department: Media Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/)

Related Programs:

- Arts and Entertainment Industries Management (p. 39)
- Music Studies (p. 423)

Music Production Major Program Requirements

(120 credits)

Code	Title	Credits
REQUIRED COURSES		**38**
Complete all of the following courses:		
MUS 100	Popular Music Lab (Students must register each semester)	
MUS 113	Popular Music Theory I	
MUS 113L	Popular Music Theory Lab I	
MUS 114	Popular Music Theory II	
MUS 114L	Popular Music Theory Lab II	
MUS 116	Digital DJing	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 213	Digital Composition of Popular Music	
MUS 220	Songwriting	
MUS 221	Popular Music Arranging	
MUS 308	World Music	
MUS 313	Digital Synthesis	
MUS 316	Digital Mixing and Mastering	
MUS 491	Internship in Music	
or MUS 498	Popular Music Culture Capstone	
ELECTIVE CREDITS:		**16**
Complete 16 total credits in any combination from the following categories:		
History Electives:		
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 204	Jazz History	
MUS 214	Writing about Music	
MUS 215	Music & Technology in a Mobile Society	
MUS 218	Postmodernism & Popular Culture	
MUS 304	Music of the Beatles	
MUS 307	The Music of Radiohead	
MUS 309	Film Music	
MUS 310	The Film Music of Stanley Kubrick	
MUS 311	Unpacking Bruce Springsteen	
MUS 315	Black Music in America	
MUS 495	Selected Topics in Music	
Applied Electives:		
MUS 127	Pop, Rock & Hip-Hop Ensemble	
MUS 129	Contemporary Vocal Ensemble	
MUS 131	Beginning Piano I	
MUS 132	Beginning Piano II	
MUS 133	Class Voice I	
MUS 134	Class Voice II	
MUS 135	Class Guitar I	
MUS 136	Class Guitar II	
MUS 493	Selected Topics in Music Perf	
Private Lessons (fee applies)		
Non-music Electives		
AAD 306	Music Business	
AAD 307	Touring and Production Management	
AAD 318	Music Publishing	
AMS 309	Hip Hop and American Culture	
AMS 338	Social Impact of Rock and Roll	
COM 131	Fundamentals of Video Production	
COM 234	Audio Production	
COM 337	Music Production for Mass Media	
GAM 330	Soundtracks and Foley	
Total Credits		**54**

Music Production Minor Requirements

(18 credits)

Code	Title	Credits
Required Courses		**12**
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 213	Digital Composition of Popular Music	
MUS 313	Digital Synthesis	
Electives		**6**
Select at least one of the following:		
MUS 113 & 113L	Popular Music Theory I and Popular Music Theory Lab I	
MUS 114 & 114L	Popular Music Theory II and Popular Music Theory Lab II	
MUS 220	Songwriting	
MUS 221	Popular Music Arranging	
MUS 316	Digital Mixing and Mastering	
Select no more than one of the following:		
MUS 304	Music of the Beatles	
MUS 307	The Music of Radiohead	
MUS 308	World Music	
MUS 311	Unpacking Bruce Springsteen	
Total Credits		**18**

Music Production Academic Plan

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
MUS 100	Popular Music Lab	0
MUS 113 & 113L	Popular Music Theory I and Popular Music Theory Lab I	4
MUS 205	History of Pop and Rock Part I	3
MUS 213	Digital Composition of Popular Music	3
CMP 120	Seminar in Writing and Rhetoric	3
Minor/Free Elective		3
	Semester Credit Hours	**16**
Spring Semester		
MUS 100	Popular Music Lab	0
MUS 114 & 114L	Popular Music Theory II and Popular Music Theory Lab II	4
MUS 206	History of Pop and Rock Part 2	3
MUS 313	Digital Synthesis	3
CMP 125	Seminar in Writing and Research	3
Minor/Free Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
MUS 100	Popular Music Lab	0
MUS 220	Songwriting	3
Music Production Elective		3
General Education Credits		6
Minor/Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
MUS 100	Popular Music Lab	0
MUS 221	Popular Music Arranging	3
Music Production Elective		3
General Education Credits		3
Minor/Free Electives		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
MUS 100	Popular Music Lab	0
MUS 308	World Music	3
MUS 316	Digital Mixing and Mastering	3
Music Production Elective		2
General Education Credits		3
Minor/Free Electives		6
	Semester Credit Hours	**17**
Spring Semester		
MUS 100	Popular Music Lab	0
MUS 116	Digital DJing	3
Music Production Elective		2
General Education Credits		6
Minor/Free Elective		3
	Semester Credit Hours	**14**
Year 4		
Fall Semester		
MUS 100	Popular Music Lab	0
Music Production Elective		3
General Education Credits		6
Minor/Free Electives		6
	Semester Credit Hours	**15**
Spring Semester		
MUS 100	Popular Music Lab	0
MUS 491 or MUS 498	Internship in Music or Popular Music Culture Capstone	3
Music Production Elective		3
General Education Credits		3
Minor/Free Elective		3
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

CMP 120 Seminar in Writing and Rhetoric 3 Credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CMP 120 or BHP 100.

MUS 106 Survey of Music History II 3 Credits
A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 113 Popular Music Theory I 3 Credits
Popular Music Theory I covers basic elements of music, including the reading of music notation in traditional formats as well as in audio wave form and in the visualization of standard Digital Audio Workstations. Practice in scales and chords; ear-training in rhythm, pitch, and timbre. Techniques may be applied to the student's own instrument (e.g., guitar, piano, voice)
Corequisite(s): MUS 113L.

MUS 113L Popular Music Theory Lab I 1 Credits
Taken in conjunction with Popular Music Theory I, the lab applies theoretical concepts in a performance context. Applied aural training and improvisation skills on primary and secondary instruments.
Corequisite(s): MUS 113.

MUS 114 Popular Music Theory II 3 Credits
A continuation of Popular Music Theory I, progressing to intermediate elements of music, including the reading of music notation in traditional formats as well as in audio wave form and in the visualization of standard Digital Audio Workstations. Practice in scales and chords, ear-training in rhythm, pitch, and timbre. Techniques may be applied to the student's own instrument (e.g., guitar, piano, voice).

MUS 114L Popular Music Theory Lab II 1 Credits
Taken in conjunction with Popular Music Theory II, the lab applies theoretical concepts in a performance context. Applied aural training and improvisation skills on primary and secondary instruments.

MUS 127 Pop, Rock & Hip-Hop Ensemble 1 Credits
This is a dynamic group rehearsal, performance and discussion of contemporary popular music of any genre including but not limited to: the blues, soul, country, gospel, pop, prog. rock, reggae, disco, punk, grunge, new wave, dub, rap and hip hop.

MUS 129 Contemporary Vocal Ensemble 1 Credits
The objective of the contemporary vocal ensemble course is to allow students to experience the aesthetics of popular music through the study, interpretation and performance of the music. Students will develop their ensemble skills, independent part singing, as they experience a wide range of popular music genres (jazz, pop, R&B, world, etc.) Students must pass an audition to participate in this course.

MUS 131 Beginning Piano I 2 Credits
Class approach to learning to play the piano. How to read music, basic piano technique, and appropriate piano pieces and songs are studied.

MUS 132 Beginning Piano II 2 Credits
Continuation of MUS 131. Emphasis on further development of technique and the ability to interpret piano music from a variety of styles.
Prerequisite(s): MUS 131 or equivalent.

MUS 133 Class Voice I 2 Credits
Class approach to learning pop vocals. How to read music, basic vocal production technique and appropriate vocal pieces and songs are studied, especially in popular genres.

MUS 134 Class Voice II 2 Credits
Continuation of class approach to learning pop vocals started in Class Voice I. Intermediate vocal technique for popular music
Prerequisite(s): MUS 133 or placement exam.

MUS 135 Class Guitar I 2 Credits
Class approach to learning to play the guitar. How to read tablature, basic guitar technique, and appropriate guitar pieces and songs are studied, especially in popular genres. Students must provide their own guitars; if electric, they should provide their own amps, too.

MUS 136 Class Guitar II 2 Credits
Continuation of class approach to learning to play the guitar started in Class Guitar I. Intermediate guitar technique for popular music. Students must provide their own guitars; if electric, they should provide their own amps, too.
Prerequisite(s): MUS 135 or placement exam.

MUS 204 Jazz History 3 Credits
Survey from 19th C. roots to 21st C. styles. Development of listening skills and overview of musical skills used by jazz performers. Exploration of the relationship between jazz and poetry, race relations, and the reputation of jazz in popular culture.
Prerequisite(s): CMP 120 or CMP 125.

MUS 205 History of Pop and Rock Part I 3 Credits
This course charts the history of popular music from its origins until the 1960s. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music from its roots in the blues, early jazz, ragtime and military band marches to the music of Elvis, Chuck Berry, Little Richard, Buddy Holly, the Rolling Stones and the Beatles. We look at the recording industry and the advent of he gramophone record and the important role of radio and television in expanding the reach of popular music directly into the home, creating a vibrant soundtrack for peoples lives.

MUS 206 History of Pop and Rock Part 2 3 Credits
Description: This course charts the history of popular music from the 1960s to todays. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music through Acid Rock, Progressive (Prog) Rock, Hard Rock, Singer-Songwriters, Disco, Reggae, Funk, Punk, Heavy Metal, New Wave, Grunge, Electronica and Rap & Hip-Hop. We look at the development of analog and digital media and how new forms of delivery of product shapes the business model of the industry and beyond.

MUS 213 Digital Composition of Popular Music 3 Credits
This course is an introduction to making music in a Digital Audio Workstation (DAW). Students learn software techniques by composing in multiple genre styles.

MUS 214 Writing about Music 3 Credits
This course instructs students in the art of writing about music, from small-form criticism to large scale scholarship, focusing especially on the ability to translate what one hears into engaging prose.
Prerequisite(s): CMP 120 and 125, MUS 110, 110L, and MUS 213.

MUS 220 Songwriting 3 Credits
The Songwriting course is an introduction to songwriting in popular music styles. Students will learn to compose music by themselves and collaboratively. This course will develop comprehensive musicianship and compositional techniques, as well as further software skill development.
Prerequisite(s): MUS 113.

MUS 221 Popular Music Arranging 3 Credits
Pop Music Arranging explores the fundamental arranging techniques for popular music styles. Students will learn to arrange popular music for the standard instrumentation found in a pop/rock ensemble (bass guitar, drumset, rhythm guitar, and keyboard) and other ensemble instrumentations, as well. This course will develop comprehensive musicianship and fundamental arranging techniques, as well as develop skills as they relate to composition software platforms.
Prerequisite(s): MUS 113.

MUS 304 Music of the Beatles 3 Credits
This course is a very in-depth analysis of the music and personalities of the Beatles. The student will gain in depth insight to the Beatles songs and albums as the course proceeds through the music chronologically. This will be contextualized historically and sociologically where required.

MUS 307 The Music of Radiohead 3 Credits
This course investigates the music, lyrics, art and marketing strategies of the British so called "alternative" band, Radiohead, moving song by song through their demos, videos and albums.

MUS 308 World Music 3 Credits
To understand world music as a means of appreciating and respecting our common inheritance as humans. To better understand in what ways music is a 'language' and how this functions within 'community' including aspect of ritual, celebration, religion and spirituality. The student will be expected to be able to discern between various genres of world music understanding the wider cultural context including, but not limited to, popular music within that same culture.

MUS 311 Unpacking Bruce Springsteen 3 Credits
This course will survey the music of Bruce Springsteen. It will 'unpack' Springsteen's musical development not only across his official career (i.e. from signing with Columbia for his first album 'Greetings from Asbury Park, New Jersey' in 1973 to the present) but also from his childhood through his youth in Freehold, NJ. By closely studying Springsteen's life, music and lyrics as well as the themes of each album the student will become an expert in understanding how The Boss was able to universalize the Jersey Shore as well as his personal concerns into vital musical messages of great value and import today. This will also involve looking at music as varied as The British Invasion (i.e. The Beatles, The Animals & the Rolling Stones et al); Motown; Country; Soul; Folk; Rock and the American Songbook.

MUS 313 Digital Synthesis 3 Credits
This course continues with the software composition techniques begun in MUS 213. Students will create their own sounds through digital synthesis and incorporate those sounds into music composed in a variety of genre styles.
Prerequisite(s): MUS 213.

MUS 316 Digital Mixing and Mastering 3 Credits
Digital Mixing and Mastering is a practical skills class focusing on post-production skills in software interfaces. Students will learn how to work with multiple editing softwares and plug-in tools to achieve balanced, lively, professional mixes.
Prerequisite(s): MUS 216.

MUS 319 Pop Music Arranging II 3 Credits
The Pop Music Arranging II course is the terminal course of a two-semester sequence whose goal is to explore the advanced arranging techniques for popular music styles. Students will learn to arrange popular music for the standard instrumentation found in a pop/rock ensemble (bass guitar, drumset, rhythm guitar, and keyboard). This course will develop comprehensive musicianship and advanced arranging techniques, as well as develop advanced skills as they relate to the utilization of the software platforms Logic Pro X and Finale notation.
Prerequisite(s): MUS 219.

MUS 320 Pop Songwriting II 3 Credits
The Pop Songwriting II course is a continuation of the songwriting course sequence whose goal is to explore advanced compositional techniques for popular music styles. Students will learn to compose music by themselves and collaboratively. This course will develop comprehensive musicianship and advanced compositional techniques, as well as develop advanced skills as they relate to the software platforms Logic Pro X and Finale notation.
Prerequisite(s): MUS 220.

MUS 491 Internship in Music 1-4 Credits
Provides junior or senior music majors with the opportunity to gain practical experience working within a professional music environment. Students must be sponsored by a music professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

MUS 498 Popular Music Culture Capstone 3 Credits
The capstone is an independent, student-led project resulting in a material product (recording/performance/event/presentation) that demonstrates a student's interests and skills in the area of popular music.

Music Studies

Program Overview

The music studies minor provides students with insights that can help connect them to professional careers in music. Students will work closely with renowned faculty and recognized professionals in a variety of areas of study.

Degree Offered

- Minor in Music Studies

Contact

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Program website: Music Studies (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/popular-music-studies-minor/)

Associated Department: Performing Arts

Related Programs

- Arts and Entertainment Industries Management (p. 39)

Music Studies Minor

(18 credits)

Code	Title	Credits
Music		
MUS 105	Survey of Music History I	3
MUS 106	Survey of Music History II	3
Electives		
Select four of the following; at least two must be at the 300 or 400 level:		12
MUS 204	Jazz History	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 208	Music of the Theater	
MUS 209	Great Composers	
MUS 217	Black Music in America	

MUS 218	Postmodernism & Popular Culture	
MUS 300	Beethoven and the Romantic Age	
MUS 304	Music of the Beatles	
MUS 306	Contemp Music Experience	
MUS 307	The Music of Radiohead	
MUS 309	Film Music	
MUS 495	Selected Topics in Music	
Total Credits		**18**

Course Block

MUS 105 Survey of Music History I 3 Credits

A chronological survey of Western music from the Medieval through the Baroque periods stressing the origin and evolution of musical forms, musical styles, and the important composers before 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 106 Survey of Music History II 3 Credits

A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 204 Jazz History 3 Credits

Survey from 19th C. roots to 21st C. styles. Development of listening skills and overview of musical skills used by jazz performers. Exploration of the relationship between jazz and poetry, race relations, and the reputation of jazz in popular culture.

Prerequisite(s): CMP 120 or CMP 125.

MUS 205 History of Pop and Rock Part I 3 Credits

This course charts the history of popular music from its origins until the 1960s. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music from its roots in the blues, early jazz, ragtime and military band marches to the music of Elvis, Chuck Berry, Little Richard, Buddy Holly, the Rolling Stones and the Beatles. We look at the recording industry and the advent of the gramophone record and the important role of radio and television in expanding the reach of popular music directly into the home, creating a vibrant soundtrack for peoples lives.

MUS 206 History of Pop and Rock Part 2 3 Credits

Description: This course charts the history of popular music from the 1960s to today. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music through Acid Rock, Progressive (Prog) Rock, Hard Rock, Singer-Songwriters, Disco, Reggae, Funk, Punk, Heavy Metal, New Wave, Grunge, Electronica and Rap & Hip-Hop. We look at the development of analog and digital media and how new forms of delivery of product shapes the business model of the industry and beyond.

MUS 208 Music of the Theater 3 Credits

A study of music drama both historical and contemporary covering European opera of the Baroque, classical and romantic periods, and the American musical theatre, especially the contemporary Broadway musical.

MUS 209 Great Composers 3 Credits

A study of selected major composers life, works, and historical significance with an emphasis on the listening experience. Bach, Mozart, Beethoven, Tchaikovsky, Stravinsky, or others.

MUS 217 Black Music in America 3 Credits

This course covers the history of music made by and/or about African Americans, from minstrel shows to hip-hop and everything in between.

MUS 218 Postmodernism & Popular Culture 3 Credits

This course considers music in light of the ideological trends of postmodernism in order to better understand contemporary music in its cultural context.

MUS 300 Beethoven and the Romantic Age 3 Credits

A study of the Romantic period with particular emphasis on Beethoven. The classical heritage, the transformation of that heritage into romantic terms, the prominent influence of Beethoven on 19th century musical style.

MUS 304 Music of the Beatles 3 Credits

This course is an in-depth analysis of the music and personalities of the Beatles. The student will gain deep insight to the Beatles songs and albums as the course proceeds through the music chronologically. This will be contextualized historically and sociologically where required.

MUS 306 Contemp Music Experience 3 Credits

A survey of European and American musical styles of the late 19th and 20th centuries. Topics include postromantic music, neoclassicism, serialism, electronic music, and the current avant garde.

MUS 307 The Music of Radiohead 3 Credits

This course investigates the music, lyrics, art and marketing strategies of the British so called "alternative" band, Radiohead, moving song by song through their demos, videos and albums.

MUS 309 Film Music 3 Credits

A study of music in feature film, documentary film, and television. A chronological survey of film music from silent to contemporary film, animated shorts, and television, with emphasis on listening to recorded performance of representative works.

MUS 495 Selected Topics in Music 3 Credits

Studies specialized aspects of the literature, history, or theory of music, to supplement the established curriculum. Emphasis on creative investigative work and individual experiences in music.

Musical Theatre: Musical Direction

Overview

The Musical Theatre: Musical Direction major at Rider prepares students for a professional career in musical theatre, working as a music director or in other aspects that focus on the music side of the industry. This

program is provided in a nurturing liberal arts environment on Rider's campus, just one hour from New York City.

Degree Offered

- B.M. in Musical Theatre: Musical Direction

Contact

Todd Dellinger
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Program Website: Musical Theatre (http://www.rider.edu/academics/colleges-schools/wca/sfpa/undergraduate/musical-theater/)

Associated Department: Performing Arts

Related Programs

- Arts Entertainment Industries Management (p. 39)
- Dance (p. 144)
- Music Studies (p. 423)

General Requirements

B.M. - Musical Theatre majors must earn a minimum grade of "B-" each semester in the primary applied music field in order to make satisfactory progress. If a grade of "C+" or lower is earned, the student must repeat the semester.

Students must meet attendance and performance requirements in studio performance classes and Musical Theatre Lab.

All students must present a senior piano primary applied recital after qualifying according to applied area standards. Students must enroll for primary applied study during the term when any recital is to be presented unless specifically excused from this requirement by the Associate Dean.

Applied Music – Piano Primary Study

Piano primary students in the B.M.-Music Theatre degree must register for two credits of applied music in each semester of study, to a maximum of eight semesters. The section number corresponds to the instructor with whom the student will study.

Musical Theatre Lab

All majors are required to attend a weekly musical theatre lab during every semester of enrollment. The lab supplements curricular instruction with presentations by guest artists, managers, agents, and casting directors. This interface provides each student with an opportunity for interaction with some of the most important professionals in the musical theatre business.

Performing Opportunities at Rider University

The musical theatre program offers three fully staged productions led by faculty and experienced and notable directors, conductors and choreographers from the professional community. The Department of Theatre, Dance and Fine Arts also offers a well-established theatre program that provides additional performing opportunities in three major productions. Majors also are encouraged to participate in student-directed and produced events, presented each year on both campuses.

The Department of Piano and Voice offers two Opera Theater productions each year. All productions are open by audition to all Rider University students except first-semester freshmen.

Code	Title	Credits
Choirs and Conducting		
MTR 105	Musical Theatre Practicum (2 terms, 1 credit each term)	2
CR 215	Fundamentals of Conducting	3
CR 315	Techniques of Conducting	3
Applied Music		
PI 513	Jazz Keyboard Techniques and Improvisation	3
PI 168A	Applied Piano (8 semester)	16
VC 103	Voice Secondary (4 terms)	4
Theory and Music History		
MUS 106	Survey of Music History II	3
MUS 110 & 110L	Music Theory I and Music Theory I Lab	3
MUS 111 & 111L	Music Theory II and Music Theory II Lab	3
MUS 210	Music Theory III	3
or TH 431	Form and Analysis	
MTR 120	Hist of American Music Theater	3
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
Select two of the following: [1]		**6**
TH 253	Orchestration	
TH 255	Song Writing	
TH 259	Electroacoustic Music	
TH 424	Choral and Instrumental Arranging	
Professional Studies: DANCE		
MTR 109	Beginning Ballet I	1
MTR 309	Beginning Jazz Dance I	1
Professional Studies: ACTING		
THE 107	Acting I: Intro to Acting	3
MTR 317	MT Auditions:Preparation/Tech	3
MTR 215	MT Performance: Song as Text	3
Professional Studies: MUSICAL THEATRE		
MTR 111	Musical Theatre Lab (each semester enrolled) [2]	0
MTR 218	Musical Theatre Scene Study I	3
MTR 255	Musical Theatre Repertoire I	3
MTR 256	Musical Theater Repertoire II	3
MTR 493	Music Theater Production	1
Free electives		**6**
Total Credits		**85**

1

MUS 210 is a prerequisite for all four courses.

2

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum lab requirements for each of their majors.

Additional Requirements

- Sophomore Review
- Piano Juries
- Senior Piano Recital

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 115 or CMP 120	Intro to Expository Writing or Seminar in Writing and Rhetoric	3
MTR 105	Musical Theatre Practicum	1
MTR 109	Beginning Ballet I	1
MTR 111	Musical Theatre Lab	0
MUS 110	Music Theory I	3
MUS 110L	Music Theory I Lab	1
MUS 168A	Applied Voice	2
THE 107	Acting I: Intro to Acting	3
General Education Course		3
	Semester Credit Hours	**17**
Spring Semester		
CMP 120 or CMP 125	Seminar in Writing and Rhetoric or Seminar in Writing and Research	3
MTR 105	Musical Theatre Practicum	1
MTR 111	Musical Theatre Lab	0
MUS 106	Survey of Music History II	3
MUS 111	Music Theory II	3
MUS 111L	Music Theory II Lab	1
MUS 168A	Applied Voice	2
General Education Course		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
CR 215	Fundamentals of Conducting	3
MTR 111	Musical Theatre Lab	0
MTR 215	MT Performance: Song as Text	3
MUS 168A	Applied Voice	2
MUS 210 or TH 431	Music Theory III or Form and Analysis	3
THE 105	Theatre History to 1700	3
	Semester Credit Hours	**14**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 218	Musical Theatre Scene Study I	3
MTR 309	Beginning Jazz Dance I	1
THE 106	Theater History Since 1700	3
MUS 168A	Applied Voice	2
VC 103	Voice Secondary	1
General Education/FreeElective Course		5
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
CR 315	Techniques of Conducting	3
MTR 255	Musical Theatre Repertoire I	3
MTR 111	Musical Theatre Lab	0
MTR 493	Music Theater Production	1
MUS 168A	Applied Voice	2
VC 103	Voice Secondary	1
Music History Elective		3
General Education Course		3
	Semester Credit Hours	**16**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 120	Hist of American Music Theater	3
MTR 256	Musical Theater Repertoire II	3
VC 103	Voice Secondary	1
MUS 168A	Applied Voice	2
General Education/Free Elective Courses		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MTR 111	Musical Theatre Lab	0
PI 513	Jazz Keyboard Techniques and Improvisation	3
MUS 168A	Applied Voice	2
VC 103	Voice Secondary	1
General Education/Free Elective Courses		9
	Semester Credit Hours	**15**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 317	MT Auditions:Preparation/Tech	3
MUS 168A	Applied Voice	2
General Education/Free Elective Courses		7
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

CR 215 Fundamentals of Conducting 3 Credits
This course provides the foundation of conducting technique and philosophy as it relates to choral ensemble. Primarily, it deals with the development of basic pedagogical proficiencies, specifically alignment, Laban gestural vocabulary, breathing, beat patterns, consistent tempo, and the development of expressive gesture for relaying various styles of music, i.e., legato, staccato and marcato. Basic philosophical understandings concerning the human aspects of the music making process and the role the conductor plays in that process also are emphasized. Specific techniques for dealing with technical elements, e.g., fermata, dynamics, changes of tempo, contrasts in style, also are covered. The overall focus of the course is to establish the important relationship between ear, body, and the choral sound.
Prerequisite(s): TH 141.

CR 315 Techniques of Conducting 3 Credits
Continued development of conducting technique with emphasis on more complex styles and patterns, and on communication through appropriate gestures. Further improvement in conducting various dynamics and articulations, as well as more effective use of the left hand. Rehearsal procedures, repertoire programming, score preparation, and baton techniques are incorporated into the course.
Prerequisite(s): CR 215.

MTR 105 Musical Theatre Practicum 1 Credits
This course explores the literature of musical theatre vocal ensembles. It emphasizes examining a wide range of styles. This is a studio/academic class, not a performance ensemble.

MTR 109 Beginning Ballet I 1 Credits
This course introduces the basic elements of ballet technique. Technique is based on the five positions of the legs and feet, coupled with appropriate arm positions. The class consists of a basic ballet barre warm-up that includes stretching and developing strength and turn-out used in dance positions and combinations. Instruction includes jumping, turning, and connecting steps with movement. Ballet terminology is addressed.

MTR 111 Musical Theatre Lab 0 Credits

MTR 120 Hist of American Music Theater 3 Credits
The history of the American Musical from the first American production in 1750 of Gay's The Beggar's Opera up to the present will be traced. Emphasis will be placed upon those common elements which are solely intrinsic to the American stage. Developments and imported ideas (e.g., The British Invasion) will be highlighted.

MTR 215 MT Performance: Song as Text 3 Credits
In this course the student will learn how to develop a performance of musical text by making doable, actable choices and applying those choices to musical monologues – solo songs.
Prerequisite(s): THE 110.

MTR 218 Musical Theatre Scene Study I 3 Credits
Scene study class exploring the literature of the musical theatre – emphasis placed on two- and three-character scenes. Required of all second-year students.
Prerequisite(s): MTR 215.

MTR 255 Musical Theatre Repertoire I 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers through the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106 with a minimum grade of D and THE 311 with a minimum grade of D.

MTR 256 Musical Theater Repertoire II 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers since the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106, THE 107.

MTR 317 MT Auditions:Preparation/Tech 3 Credits
This course, building upon skill-sets established in the Music Theatre singer-actor curriculum, will introduce and hone the required skill-sets for preparing to audition in Music Theatre. Genres and styles of music most often required for auditioning in the industry will be prepared and explored. An audition "book," based upon the demands of the industry, as well as the most suitable material for each student will be built. When appropriate, guests from the industry will be invited to present master classes and evaluations in a "mock audition" process.
Prerequisite(s): MTR 207, MTR 216, MTR 217, MTR 492.

MTR 493 Music Theater Production 1 Credits
Preparation and performance of a solo or ensemble role in a fully staged music theatre production. Concurrent participation in stage crew activities is required.

MUS 106 Survey of Music History II 3 Credits
A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 110 Music Theory I 3 Credits
A practical introduction to the basic elements of music, beginning with the reading of music notation. Practice in scales and chords; ear-training in rhythm and pitch. Techniques may be applied to the student's own instrument (e.g., guitar, piano, winds) if he or she plays one. Prerequisite(s): MUS 109S or placement.
Corequisite(s): MUS 110L.

MUS 110L Music Theory I Lab 1 Credits
Dictation, aural skills training, sight singing, and keyboard skills to accompany MUS 110 (Music Theory I). Prerequisite(s): MUS 109S or placement.
Corequisite(s): MUS 110.

MUS 111 Music Theory II 3 Credits
Continuation of MUS 110,leading to some original composition. Prerequisite(s): MUS 110 and MUS 110L.
Corequisite(s): MUS 111L.

MUS 111L Music Theory II Lab 1 Credits
Dictation, aural skills training, sight singing, and keyboard skills to accompany MUS 111 (Music Theory II). Prerequisite(s): MUS 110 and MUS 110L or placement.
Corequisite(s): MUS 111.

PI 513 Jazz Keyboard Techniques and Improvisation 3 Credits
This course will enable pianists and organists to become familiar with the theory, harmony, and improvisational techniques of jazz piano. Emphasis will be placed upon getting each student to create spontaneous improvisations. The fundamental goal will be that of enabling students accustomed to following a score to move beyond it. Extensive exposure to material from the "Great American Songbook" as well as to jazz standards will provide a structural basis for the course.
Prerequisite(s): TH 142 and PI 168A, or equivalent knowledge and technical proficiency. Students must be in their third semester of piano study or receive permission from the instructor or Department Chair.

MUS 168A Applied Voice 2 Credits

TH 251 Analytical Studies I 3 Credits
An in-depth analytical study of a select body of tonal music to be determined by the instructor. The music, which will contain only the harmonic vocabulary and formal structures studied in TH 141 and TH 142, may vary each time the course is offered. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 253 Orchestration 3 Credits
A study of the orchestra and its individual instruments from the standpoints of the composer, arranger and conductor. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 255 Song Writing 3 Credits
Solo vocal composition in various styles. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 259 Electroacoustic Music 3 Credits
An introduction to the history and literature of electroacoustic music emphasizing hands-on creative opportunities in sequencing and digital sound processing. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

VC 103 Voice Secondary 1 Credits

Musical Theatre (B.F.A)

Program Overview

The musical theatre major at Rider prepares students for a professional career in musical theatre with veteran faculty and regular interface with top industry professionals. This program is provided in a nurturing liberal arts environment just one hour from New York City at Rider's Lawrenceville campus.

The musical theatre program offers development of well-rounded, competitive musical theatre professionals. Rider's professional musical theatre faculty members are committed to developing students' talents and technique in all areas — vocal, dance and acting — preparing them to succeed in the highly competitive world of professional musical theatre.

Rider musical theatre majors enjoy affordable, student-sponsored Broadway performance trips, special student discounts, class-related Broadway field-trips and backstage tours or just a quick visit via the nearby train.

Degree Offered

- B.F.A. in Musical Theatre

Contact

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Program Website: Musical Theatre (http://www.rider.edu/academics/colleges-schools/wca/sfpa/undergraduate/musical-theater/)

Associated Department: Performing Arts

Related Programs:

- Arts and Entertainment Industries Management (p. 39)
- Dance (p. 144)

Musical Theatre (B.F.A.) Program Requirements

(81 credits)

General Requirements

For all majors offered in the Theatre & Dance Department, students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the student must repeat the course.

B.F.A.–Musical Theatre majors must earn a minimum grade of "B-" each semester in the primary applied music field in order to make satisfactory progress. If a grade of "C+" or lower is earned, the student must repeat the semester.

Students must meet attendance and performance requirements in studio performance classes and Musical Theatre Lab.

Applied Music – Voice Primary Study

Students in the B.F.A.-Musical Theatre degree must register for applied music in each semester of study, to a maximum of eight semesters. Six terms are taken under MUS 168A (2-credit, 1-hour lesson) and two semesters are taken under MUS 168B (1-credit, half-hour lesson). The section number corresponds to the instructor with whom the student will study.

Musical Theatre Lab

All majors are required to attend a weekly musical theatre lab during every semester of enrollment. The lab supplements curricular instruction with presentations by guest artists, managers, agents, and casting directors. This interface provides each student with an opportunity for interaction with some of the most important professionals in the musical theatre business.

Performing Opportunities at Rider University

The musical theatre program offers three fully staged productions led by faculty and experienced and notable directors, conductors and choreographers from the professional community. The Department of Theatre, Dance and Fine Arts also offers a well-established theatre program that provides additional performing opportunities in three major productions. Majors also are encouraged to participate in student-directed and produced events, presented each year on both campuses. The Department of Piano and Voice offers two Opera Theater productions each year. All productions are open by audition to all Rider University students except first-semester freshmen. Consult the Musical Theatre Handbook for the Audition Policy.

Code	Title	Credits
Applied Music		
MUS 168A	Applied Voice (2-credits, repeated 6 times)	12
MUS 168B	Applied Voice (1-credits, repeated 2 times)	2
MTR 132	Group Piano	1
Theory, History, Technology		
MTR 120	Hist of American Music Theater	3
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
MTR 131	Music Theory for MT	3
MTR 133	Sight Singing for MT	3
THE 115	Stagecraft	3
THE 190	Production I (must be taken 3 times)	3
Professional Studies: DANCE		
Select three of the following:		3
MTR 109	Ballet I	
MTR 112	Ballet II	
MTR 114	Ballet IV	
MTR 113	Ballet III	
MTR 211	Ballet V	
MTR 212	Ballet VI	
MTR 313	Ballet VII	
MTR 314	Ballet VIII	
Select two of the following:		2
MTR 209	Tap Dance I	
MTR 210	Tap Dance II	
MTR 307	Tap III	
MTR 308	Tap IV	
Select two of the following:		2
MTR 309	Jazz I	
MTR 315	Jazz II	
MTR 316	Jazz III	
MTR 319	Jazz V	
MTR 320	Jazz VI	
Select two of the following:		2
MTR 415	Musical Theatre Dance	
MTR 416	Hip Hop and Commerical Dance	
Professional Studies: ACTING		
THE 107	Acting I: Intro to Acting	3
THE 110	Acting II: Scene Study	3
THE 310	Acting III	3
THE 311	Acting IV	3
MTR 317	MT Auditions:Preparation/Tech	3
MTR 335	Speech for the Actor	3
Professional Studies: MUSICAL THEATRE		
MTR 105	Musical Theatre Practicum (1-credit, complete 2 times)	2
MTR 111	Musical Theatre Lab (8 semesters) [1]	0
MTR 215	MT Performance: Song as Text	3
MTR 218	Musical Theatre Scene Study I	3
MTR 219	Musical Theatre Scene Study II	3
MTR 255	Musical Theatre Repertoire I	3
MTR 256	Musical Theater Repertoire II	3
MTR 493	Music Theater Production	1
or THE 127	Theatre Production	
Total Credits		**81**

[1]

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum lab requirements for each of their majors.

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric [1]	3
MTR 105	Musical Theatre Practicum	1
MTR 109 or MTR 112 or MTR 113 or MTR 211	Beginning Ballet I or Advanced Ballet I or Beginning Ballet II or Ballet III	1
MTR 111	Musical Theatre Lab	0
MTR 131	Music Theory for MT	3
MUS 168A	Applied Voice	2
THE 107	Acting I: Intro to Acting	3
THE 190	Production I (technical) [2]	1

General Education Credits		3
	Semester Credit Hours	**17**
Spring Semester		
CMP 125	Seminar in Writing and Research [1]	3
MTR 105	Musical Theatre Practicum	1
MTR 111	Musical Theatre Lab	0
MTR 112 or MTR 113 or MTR 114 or MTR 212	Advanced Ballet I or Beginning Ballet II or Advanced Ballet II or Ballet IV	1
MTR 133	Sight Singing for MT	3
MTR 309 or MTR 315 or MTR 318	Beginning Jazz Dance I or Advanced Jazz Dance I or Advanced Jazz Dance II	1
MUS 168A	Applied Voice	2
THE 110	Acting II: Scene Study	3
THE 115	Stagecraft	3
1st Year Showcase		0
	Semester Credit Hours	**17**
Year 2		
Fall Semester		
HIS 150	World History to 1500 [1]	3
MTR 111	Musical Theatre Lab	0
MTR 132	Group Piano	1
MTR 210 or MTR 307	Tap Dance II or Tap III	1
MTR 215	MT Performance: Song as Text	3
MTR 315 or MTR 318 or MTR 319	Advanced Jazz Dance I or Advanced Jazz Dance II or Jazz Dance III	1
MUS 168A	Applied Voice	2
THE 105	Theatre History to 1700	3
THE 310	Acting III	3
2nd Year Showcase		0
	Semester Credit Hours	**17**
Spring Semester		
HIS 151	World History Since 1500 [1]	3
MTR 111	Musical Theatre Lab	0
MTR 210 or MTR 307 or MTR 308	Tap Dance II or Tap III or Tap IV	1
MTR 218	Musical Theatre Scene Study I	3
MUS 168A	Applied Voice	2
THE 106	Theater History Since 1700	3
THE 190	Production I (technical) [2]	1
THE 310	Acting III	3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MTR 111	Musical Theatre Lab	0
MTR 112 or MTR 113 or MTR 114 or MTR 212 or MTR 313	Advanced Ballet I or Beginning Ballet II or Advanced Ballet II or Ballet IV or Ballet V	1
MTR 219	Musical Theatre Scene Study II	3
MTR 255	Musical Theatre Repertoire I	3
MTR 335	Speech for the Actor	3
MUS 168A	Applied Voice	2
General Education Credits		3
	Semester Credit Hours	**15**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 120	Hist of American Music Theater	3
MTR 256	Musical Theater Repertoire II	3
MUS 168A	Applied Voice	2
THE 311	Acting IV	3
General Education Credits		3
Elective Course Credits		1
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
MTR 111	Musical Theatre Lab	0
MTR 415	Musical Theatre Dance I	1
General Education Credits		6
MUS 168B	Applied Voice	1
Elective Course Credits		6
	Semester Credit Hours	**14**
Spring Semester		
MTR 111	Musical Theatre Lab	0
MTR 317	MT Auditions:Preparation/Tech	3
MTR 416	Musical Theatre Dance II	1
MTR 493	Music Theater Production	1
MUS 168B	Applied Voice	1
THE 190	Production I [2]	1
General Education Credits		3
	Semester Credit Hours	**10**
	Total Credit Hours for Graduation	**121**

1

This course may be taken in any semester. CMP 120 is a prerequisite for CMP 125 and must be completed first. His 150 is a prerequisite for HIS 151 and must be completed first.

2

2 credits for THE 190 may be completed in any semester.

MTR 105 Musical Theatre Practicum 1 Credits
This course explores the literature of musical theatre vocal ensembles. It emphasizes examining a wide range of styles. This is a studio/academic class, not a performance ensemble.

MTR 109 Beginning Ballet I 1 Credits
This course introduces the basic elements of ballet technique. Technique is based on the five positions of the legs and feet, coupled with appropriate arm positions. The class consists of a basic ballet barre warm-up that includes stretching and developing strength and turn-out used in dance positions and combinations. Instruction includes jumping, turning, and connecting steps with movement. Ballet terminology is addressed.

MTR 111 Musical Theatre Lab 0 Credits

MTR 112 Advanced Ballet I 1 Credits
Continuation of MTR 109, building upon techniques learned in that course.

MTR 113 Beginning Ballet II 1 Credits
Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 114 Advanced Ballet II 1 Credits
Continuation of MTR 113. Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 120 Hist of American Music Theater 3 Credits
The history of the American Musical from the first American production in 1750 of Gay's The Beggar's Opera up to the present will be traced. Emphasis will be placed upon those common elements which are solely intrinsic to the American stage. Developments and imported ideas (e.g., The British Invasion) will be highlighted.

MTR 131 Music Theory for MT 3 Credits
Teaches students to understand musical form, structure, melody, rhythm and harmony by applying these concepts to musical theatre literature. Includes full analysis of musical theatre songs. Required in the first year.

MTR 132 Group Piano 1 Credits
Offers the musical theatre student appropriate keyboard technique to play any vocal part and to play a rudimentary accompaniment. Required of all second-year students.
Prerequisite(s): MTR 131.

MTR 133 Sight Singing for MT 3 Credits
Intensive class in reading music, designed for musical theatre students. Traditional solfeggio techniques used with musical theatre texts whenever possible. Required of first-year students.
Prerequisite(s): MTR 131.

MTR 209 Tap Dance I 1 Credits
Introduction to the basic elements of tap dancing. Tap technique is geared to enhance rhythm and motor skills, basic elements that will be used to connect several steps and movements into combinations. Other variations such as "soft shoe" or "clogging" are included.

MTR 210 Tap Dance II 1 Credits
Continuation of MTR 209. Combinations most often used in music theater productions are emphasized.
Prerequisite(s): MTR 209.

MTR 211 Ballet III 1 Credits
Intermediate ballet, expending upon Ballet II and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 114.

MTR 212 Ballet IV 1 Credits
Continuation of MTR 211. Intermediate ballet, expanding upon Ballet III and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 211.

MTR 215 MT Performance: Song as Text 3 Credits
In this course the student will learn how to develop a performance of musical text by making doable, actable choices and applying those choices to musical monologues – solo songs.
Prerequisite(s): THE 110.

MTR 216 Acting for Music Theater I 3 Credits
This professional skills course, intended for music theater majors, builds upon the student's previous acting training. Through various exercises and activities (both individual and group), the student will begin to develop a clear method for preparation that addresses first their own instrument, and then (through various methods of analysis) the character and the play. Students will begin to utilize and apply the studied techniques and exercises to simple monologues and a scene. Behavioral truth will precede the more sophisticated studies of emotional truth.

MTR 217 Acting for Music Theater Major II 3 Credits
Continuation of MTR 216. Methods for preparation are expanded as students learn and experience techniques for exploring and developing characters. This semester will focus on the application of the skills and acting techniques studied in the first semester to the needs of dramatic and sung material. Students are expected to synthesize content and skills acquired in the Speech for the Actor, Body Awareness and Movement classes.
Prerequisite(s): MTR 216.

MTR 218 Musical Theatre Scene Study I 3 Credits
Scene study class exploring the literature of the musical theatre – emphasis placed on two- and three-character scenes. Required of all second-year students.
Prerequisite(s): MTR 215.

MTR 219 Musical Theatre Scene Study II 3 Credits
Further exploration of scenes in the musical theatre literature – emphasis on more complex scenes. Required of all third-year students.
Prerequisite(s): MTR 218.

MTR 251 Styles and Genres I 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Standard, Classical, and Traditional periods of musical theater. Composers to be studied will include Rodgers and Hammerstein, Lerner and Loewe, Kern, Berlin, Gershwin, Porter, Arlen, Blitstein and Weill.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 252 Styles and Genres II 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary (Non-Pop/Rock) period of music theater. Composers to be studied will include Sondheim, Styne, Kander and Ebb, Guettel, Matby and Shire, and Bernstein.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 253 Styles and Genres III 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary, Pop/Rock period of music theater. Composers to be studied will include Webber, Schwartz, Fenn, Flaherty, Menkin, Brown, LaChiusa, and Lippa.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 255 Musical Theatre Repertoire I 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers through the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106 with a minimum grade of D and THE 311 with a minimum grade of D.

MTR 256 Musical Theater Repertoire II 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers since the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106, THE 107.

MTR 307 Tap III 1 Credits
This course is designed for the moderately advanced tap dancer. Course to be taken in the fall.
Prerequisite(s): MTR 210.

MTR 308 Tap IV 1 Credits
The course will allow the more advanced student to complete the work begun in Tap III.
Prerequisite(s): MTR 307.

MTR 309 Beginning Jazz Dance I 1 Credits
Based upon the ballet foundation, this course explores the expressive style of jazz dance, and basic Western theatrical dance forms and social dances used most often on the stage.
Prerequisite(s): MTR 109.

MTR 313 Ballet V 1 Credits
Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 212.

MTR 314 Ballet VI 1 Credits
Continuation of MTR 313. Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 313.

MTR 315 Advanced Jazz Dance I 1 Credits
Continuation of work begun in MTR 309.

MTR 316 Beginning Jazz Dance II 1 Credits
This course continues the work begun in MTR 309 and MTR 315.

MTR 317 MT Auditions:Preparation/Tech 3 Credits
This course, building upon skill-sets established in the Music Theatre singer-actor curriculum, will introduce and hone the required skill-sets for preparing to audition in Music Theatre. Genres and styles of music most often required for auditioning in the industry will be prepared and explored. An audition "book," based upon the demands of the industry, as well as the most suitable material for each student will be built. When appropriate, guests from the industry will be invited to present master classes and evaluations in a "mock audition" process.
Prerequisite(s): MTR 207, MTR 216, MTR 217, MTR 492.

MTR 318 Advanced Jazz Dance II 1 Credits
This course continues the work begun in MTR 309, MTR 315 and MTR 316.
Prerequisite(s): MTR 211.

MTR 319 Jazz Dance III 1 Credits
This course continues the work begun in MTR 318.
Prerequisite(s): MTR 318 and MTR 212.

MTR 320 Jazz Dance IV 1 Credits
This course continues the work begun in MTR 319.
Prerequisite(s): MTR 319 and MTR 212.

MTR 335 Speech for the Actor 3 Credits
This course introduces and develops speech techniques, specifically in the areas of relaxation, posture and alignment, respiration, phonation, support, registration, resonance, and articulation. Students learn to consistently produce a free, resonant, fully supported speaking voice. Exercises will increase flexibility and range of speaking and will foster heightened responsiveness to feeling. Regular practice in the delivery of both impromptu and prepared monologues is required. This course includes studies in Neutral American Speech.

MTR 402 Directing Music Theater/Opera 3 Credits
This elective course investigates how conceptual ideas and the process of script analysis are used in putting together a music theatre production for performance. Instruction includes staging ideas and elements needed for a complete production. Other theatrical aspects of choreography, properties, costumes, lighting, and set design are addressed. It is recommended that students complete MTR 496 before taking MTR 402.

MTR 411 Musical Theatre Ensemble 1 Credits

MTR 415 Musical Theatre Dance I 1 Credits
This is the first capstone course in the Musical Theatre dance sequence. Practical and historical study of Broadway dance styles; main focus on jazz idiom. Emphasis placed on performance quality, auditioning skills, self-taping, and "how to swing/dance captain".
Prerequisite(s): Completion of Ballet, Tap, and Jazz requirements; senior standing.

MTR 416 Musical Theatre Dance II 1 Credits
This is the second capstone course in the Musical Theatre dance sequence. Emphasis is placed on other dance styles used on stage, film, music videos, and television. Primary focus is on Hip Hop and Street Jazz.
Prerequisite(s): MTR 415 with a minimum grade of C.

MTR 480 Dance for Performing Artist 3 Credits
This course is a culmination of the dance elements and forms studied in ballet, tap, and jazz dance. Context areas include movement used most often in performance of music theater and movement fundamentals applicable to all aspects of presentation and principle to refine and articulate the performer's awareness and use of the body through singing and dance. Performance issues and movement as a basis for music and sound production are addressed.
Prerequisite(s): MTR 209, MTR 309.

MTR 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

MTR 491 Internship in Music Theater 1-12 Credits
Provides junior or senior musical theatre majors with the opportunity to gain practical experience working within a professional environment. Students must be sponsored by a musical theatre or theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

MTR 492 Singing Actor: Music Theater 3 Credits
This semester combines all dramatic and musical studies to create an authentic and believable character that is both emotionally truthful and musically expressive. Music is studied as "script" and dramatic choices are prepared in relationship to all elements present in the score.
Prerequisite(s): MTR 216 and MTR 217.

MTR 493 Music Theater Production 1 Credits
Preparation and performance of a solo or ensemble role in a fully staged music theatre production. Concurrent participation in stage crew activities is required.

MTR 495 Special Topics in Theater Dance 1 Credits
This class covers discrete movement styles, techniques, or forms for the advanced dancer such as the choreography and techniques of Bob Fosse, Jerome Robbins, Jack Cole, and other theatrical dance choreographers.
Prerequisite(s): MTR 319, MTR 212, and MTR 308.

MTR 496 Music Theater Workshop 3 Credits
This class, building upon the foundational studies associated with preparation and exploration (both dramatic and musical), focuses on performances. Students are taught methods for synthesizing all former training in acting, music, and movement to the needs of the character and the play/score. Each student fully prepares at least two complete roles from the music theater repertoire. The class culminates in a performance of scenes--the Junior Cabaret!
Prerequisite(s): MTR 216, MTR 217, MTR 492.

MTR 497 Musical Theatre Senior Showcase 1 Credits
This course is a senior level capstone experience for BFA Musical Theatre students, and acts as a bridge between life in the university and life as a professional musical theatre performer. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent. Only students who have successfully completed ALL prerequisite coursework may participate in the Senior Showcase. BA Theatre students with Musical Theatre Concentration may participate only if the prerequisites are met.
Prerequisite(s): MTR 415, MTR 207, MTR 216, MTR 217, MTR 492.

MTR 511 Music Theater Ensemble 1 Credits
The performance-based, auditioned music theater ensemble engages multiple singers/actors/dancers in performance, utilizing scenes from music theater literature as the primary material. Emphasis is placed upon group interaction and building an ensemble. This ensemble often is asked to perform for University sponsored events.

THE 103 The Authentic Instrument I: Introduction to Performance Skills 3 Credits
Through Alexander Technique and other methodologies, actors gain awareness of personal habits and begin to find their authentic, truth-telling voice and body—a dynamic and expressive instrument to serve them in any medium.

THE 104 The Authentic Instrument II: Developing the Imaginative Performer 3 Credits
Continuing from THE 103, actors explore psycho-physical techniques (e.g. Michael Chekhov, Viewpoints, Laban) to develop the actor's imagination. The class culminates in a public presentation using the tools that have been cultivated in Authentic Instrument I & II.
Prerequisite(s): THE 103.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

THE 110 Acting II: Scene Study 3 Credits
Basic acting techniques. Emphasis on the ingredients of any action: what am I doing, where, why, who am I, what is my attitude toward partner?
Prerequisite(s): THE 107.

THE 111 Theatre Lab 0 Credits
This class serves as a forum for students to cultivate practical professional skills. Through seminars, guest speakers and master classes, this lab will give the students necessary tools to enter the professional theater. Theater majors must meet the weekly attendance and participation requirements during every semester up to a total of six.

THE 115 Stagecraft 3 Credits
The theory and practice of construction and rigging of stage scenery is offered. Emphasis is on actual productions and road show set-ups. One lecture and two labs per week.

THE 116 Stagecraft Practicum 1 Credits
Work in the various shops and stages specializing in different areas such as carpentry, scenic painting, lighting and electrics, costumes and props, assisting main stage productions under the supervision of the design or technical staff.
Prerequisite(s): THE 115.

THE 118 Visual Imagination 3 Credits
Introduction to the visual world of theater design. Visual examples, physical exercises and handcraft of composition and style, with dramatic input and meaning. The course explores how to translate ideas in a dramatic text into a visual context.

THE 120 Theater Appreciation 3 Credits
By exploration of dramatic literature, conclusions are drawn as to man's relationship to his particular period, style, political, social, and psychological environment. Appreciation of the theatrical event is included. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 127 Theatre Production 1 Credits
Students rehearse and perform roles in a play produced by the department and directed by a member of its faculty.

THE 190 Production I 1 Credits
Students carry out a technical theatre crew position for one or more theatre, musical theatre or dance productions during the semester of course registration. May be repeated seven times, for a total of eight credits.

THE 199 The Arts in Contemporary Civil 3 Credits
An integrated study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama.

THE 201 Devised Theatre 3 Credits
Devised theatre is a process in which a whole creative team – from actors to technicians - develop a new work collaboratively. Students will create an original production inspired by a theme, topic, poem, or circumstance using multimedia, interviews, and other methods and build them through collaborative workshops and rehearsals.

THE 206 American Theatre History 3 Credits
The history of the American theater from the colonial period to the present, emphasizing dramatic scripts and theatrical conventions. Examines important playwrights, theorists, and practitioners representative of each period of American history, emphasizing the 19th and 20th centuries.

THE 207 Contemporary Theatre 3 Credits
The course will engage in exploring the art of contemporary dramatic literature and theatre practices. The scripts studied will reflect the complexity and diversity of contemporary society in various places around the world. Through an examination of a diverse body of scripts, the student will gain a better understanding of the possibilities inherent in the dramatic form, as well as the potential for the form to impact thought and action in society.

THE 215 Introduction to Theatrical Lighting and Sound 3 Credits
This course will introduce students to basic lighting and sound principles and how those integrate into a theatrical performance. The main focus of the class will be analysis and application of lighting and sound equipment commonly used in live performance and how that equipment functions and is installed. The class will also touch on the design process, script analysis, and lighting color theory. These objectives will be achieved through in-depth lectures, class discussions, and hands-on demonstration sessions.

THE 216 Introduction to Scenic Construction 3 Credits
This course will expose students to reading construction drawings, construction techniques, generating material lists, problem-solving, and material and time management as related to scenic construction. A shop participation requirement will allow students to apply course objectives within a real-time production schedule and construction environment.

THE 219 Stage Management 3 Credits
Provide necessary tools to get started as a production stage manager (PSM), including management, leadership, communication and organzational skills. Providing guidelines to prepare production paperwork. Overview of the relationship between the PSM and other production personnel.
Prerequisite(s): THE 115.

THE 220 Movement for the Actor I 3 Credits
This course is an introduction to movement training methodologies, and emphasizes physical awareness and expressivity as it relates to development of character.
Prerequisite(s): THE 110, For Acting majors or by permission of the instructor.

THE 221 Voice for the Actor 1 3 Credits
Focuses on the exploration of the basic principles of vocal production and cultivating the natural expressivity of the voice. Classwork is based upon the classic progression of voice exercises of Kristin Linklater.
Prerequisite(s): THE 107 with a minimum grade of C; restricted to BFA in Acting for Film, Television and Theatre.

THE 222 Voice for the Actor 2 3 Credits
Focuses on the exploration of the International Phonetic Alphabet (IPA) and the use of the IPA in learning dialects (including Standard Neutral American) for the stage.
Prerequisite(s): THE 221.

THE 224 Stage Make Up 3 Credits
Basic application of make up artistry and techniques for the stage. How it can help build a character, and how to apply to self and others.

THE 226 Drafting for the Stage 3 Credits
Covers essential drafting language for staged productions. Drafting of ground plans, sections, elevations, and renderings by hand and with computers.
Prerequisite(s): THE 118.

THE 227 Properties and Scenic Painting 3 Credits
Covers general aspects of scenic painting and props for the stage. Hands on exercises, needs and challenges of each area, how work is usually accomplished in the professional world. Explore different textures, materials and how to combine them.
Prerequisite(s): THE 115 or THE 118.

THE 228 Projection Design 3 Credits
In this course students will learn the basics of video editing software and its application to the performing arts. It will provide them with a general understanding of the needs for projection design, visual possibilities, explore the reasons to use video or projection in a production and its most effective applications within theatrical production limitations.
Prerequisite(s): THE 115, THE 118.

THE 229 Movement for the Actor II 3 Credits
This course is a continuation of study in movement training methodologies (Alexander Technique, Viewpoints, Laban). It will emphasize developing physical awareness and expressiveness as it relates to the development of character work. It will also continue the further cultivation of awareness of habitual psycho-physical patterns that inhibit students in their professional development.
Prerequisite(s): THE 220, THE 221.

THE 240 Script Analysis 3 Credits
This course provides students with a technique for analyzing a theatrical script in terms of its theatrical requirements and aesthetic qualities. Students will use critical research and develop the abilities to write and speak clearly about dramatic literature, the requirements of production, and the experience of performance.
Prerequisite(s): THE 107 with a minimum grade of C.

THE 250 Introduction to Costume Construction 3 Credits
This course will introduce students to basic costume construction methods and alteration skills used by professional costume shops and costume houses to create theatrical costumes. Students will complete several projects, covering hand and machine sewing, cutting, fabric identification, and will also learn how to use home and commercial patterns to cut out garments and simple patterning and draping techniques. Students will also get practical experience by assisting the costume designer and/or shop manager in supporting the needs of the current productions and will have experience taking measurements, fitting and the alteration of actual costumes.

THE 260 History of Style and Decor 3 Credits
This class is a survey of elements, furnishings, decorative motifs and trends in architecture, decor and fashion, starting with prehistory and moving through the early part of the 21st century. It is intended to be a visual survey of the major “periods” of both decor and fashion and is intended to help theatre artists to develop an understanding of visual history.

THE 290 Production II 1 Credits
Students carry out an intermediate level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. Intermediate level technical theatre positions are supervisory positions or assistants to department heads which include, but not limited to, assistant to a designer, Stage Manager, Wardrobe Supervisor, and Master Carpenter.
Prerequisite(s): SO standing; 3 credits of THE 190.

THE 300 Acting for the Camera 3 Credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera.
Prerequisite(s): THE 107.

THE 308 Modern Drama 3 Credits
Surveys American and European drama from 1920 to 1970. All plays are read in English translation. In these plays, theatrical artists address the great themes of this century. While doing so, they also expand the limits of theatrical expression.

THE 310 Acting III 3 Credits
Students will study in-depth techniques for exploring characterization. They will be introduced to the “magic if” and study techniques for placing themselves in the circumstances of the characters they are portraying. They will learn the interior and exterior analysis of characters using “Adler” and “Practical Aesthetics” techniques.
Prerequisite(s): THE 107, THE 110.

THE 311 Acting IV 3 Credits
Students will learn and practice performance techniques that explore a variety of theatrical styles, primarily focused on styles that have a heightened form and/or language.
Prerequisite(s): THE 310.

THE 312 The Arts Abroad 1-3 Credits
A short-term trip abroad that includes a critical study of local & regional arts and culture. Students are required to attend all performances, guided tours, and classes before and after the trip. A travel fee is required. Travel sites and artistic disciplines may vary year to year. May be taken more than once for credit.
Prerequisite(s): Permission of instructor.

THE 313 Voice for the Actor 3 3 Credits
Actors continue their study of vocal progression with Kristen Linklater and the speech work of Patsy Rodenberg, Edith Skinner and Louis Colaianni to develop physical freedom, energy, and expressivity. Advanced diagnostic work of students' voice and speech habits are explored in relationship to work with contemporary, heightened, and stylized texts.
Prerequisite(s): THE 222.

THE 314 Advanced Voice and Speech for the Actor II 3 Credits
Continuing from THE 313, actors apply advanced principles of vocal production and speech work to contemporary, heightened and stylized texts.
Prerequisite(s): THE 313.

THE 315 Acting for the Camera 2 3 Credits
This course is a continuation of the study of acting for the camera.
Prerequisite(s): THE 300.

THE 317 Scenic Design 3 Credits
The study and application of design principles as related to the stage. Incorporates the design process, decor research, styles, materials, and construction technology.
Prerequisite(s): THE 118.

THE 318 Stage Lighting Design 3 Credits
The theory and practice of stage lighting as utilized in concept, dance, and theatre. Considers the nature of light, controlling light, color theory, electricity, electrical safety, and lighting design.
Prerequisite(s): THE 115 or THE 118.

THE 319 Costume Design 3 Credits
Introduction to tasks, skills and expertise of costume design and costuming techniques, relationship with other creative production and cast members. Students will create sketches and develop basic construction plans. Develop familiarity with fabrics, patterns, common challenges in costume design.
Prerequisite(s): THE 115 (for other Theatre majors) or THE 118 (for Design and Technology majors).

THE 325 Sound Design 3 Credits
Introduction to sound design and its diverse use and practice for the staged productions, e.g. plays, musicals, operas and dance.
Prerequisite(s): THE 115.

THE 329 Movement for the Actor III 3 Credits
This course is a continuation of study in movement training methodologies focusing on continued development of expressivity, ease, dynamics and authenticity in character development.
Prerequisite(s): THE 229.

THE 390 Production III 1 Credits
Students carry out an advanced level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. These positions include, but are not limited to, Designer, Production Stage Manager, Props Master, and Technical Director. This course may be taken up to three times for credit.
Prerequisite(s): JR or SR standing; 2 credits of THE 290 and related management/design course or permission of Instructor.

THE 400 Directing for the Stage I 3 Credits
The technique of play directing and production management. Lectures present aesthetic and theoretical concepts that are explored in workshops.
Prerequisite(s): THE 107, THE 115.

THE 401 Directing for the Stage II 3 Credits
This course is designed to provide students with an opportunity to practice and discuss the art of directing, building upon the fundamentals of directing studied in THE 400: Directing I. Further exploration of directing challenges and application of artistic vision is accomplished through the direction of scenes and short scripts.
Prerequisite(s): THE 400.

THE 410 Advanced Performance Workshop 3 Credits
An opportunity to work an entire semester on a specific style or period of theatre, e.g., Shakespeare, farce, Readers' Theater.
Prerequisite(s): THE 107, THE 110.

THE 411 Advanced Performance Online Workshop 3 Credits
An opportunity to work an entire term on a specific style or period of theatre that is most conducive to online instruction.
Prerequisite(s): THE 107, THE 110.

THE 450 NY Experience: Professional Audition Technique and the Business of Acting 3 Credits
Students engage weekly with New York professionals to learn the business of acting and strategies for successful auditions in the NY Film, Television and Theatre industry. Students will participate in mock auditions with casting directors and theatre and on camera directors to refine audition skills. Travel costs to New York are the responsibility of the student.

THE 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credits. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

THE 491 Internship in Theater 1-12 Credits
Provides junior or senior theatre majors the practical experience of working within a professional theater environment. Students must be sponsored by a theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

THE 493 Contemporary Theatre Ensemble 3 Credits
Contemporary Theatre Practice Majors will spend this seminar- style class exploring the myriad of positions that enable them to become true "theatre-makers" in the contemporary field, and will participate in at least one campus production.
Prerequisite(s): THE 190.

THE 495 Selected Topics in Theatre History 3 Credits
Intensive study of a particular topic in the theatre world not typically covered in other courses.

THE 496 Senior Internship 6-12 Credits

THE 497 Theatre Senior Showcase 1 Credits
This course is a senior level experience for BFA acting students, and acts as a bridge between life in the university and life as a professional actor. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent.

THE 498 Senior Capstone 3 Credits
The senior capstone is intended for technical theatre students in their final year. Depending on the required abilities, students will be able to design sets, lights, costumes, props or sound for a mainstage show at Rider University, do research on topics related to technical Theatre, internships outside Rider University or work on projects that will improve the use of facilities, storage or equipment for Theater and Dance Department.

THE 499 Senior Honors Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Organizational Psychology

Program Overview

Are you interested in knowing what motivates a person to perform well at a job, or what qualities a company needs to look for to make a great hire? Today's businesses and organizations need professionals who understand human behavior, group dynamics and how to make the workplace function better. A major in Organizational Psychology will help prepare you for a career in one of America's fastest-growing professions.

Curriculum Overview

Rider University's program is one of just a handful in the nation offering a unique interdisciplinary major that combines business and psychology. This versatile degree can have a real impact on an organization's bottom line by helping to improve employee satisfaction and job performance. Majors in this program will gain a comprehensive understanding of the important contributions that organizational psychology plays in today's workplace.

The Organizational Psychology program focuses on the behavioral aspects of managing and supervising the human resources of an organization or business. You will learn the key concepts of management and psychology, including perception and attitudes, employee motivation and engagement, and organizational leadership and power — and gain an in-depth understanding of what makes employees and organizations function at their best.

As an Organizational Psychology major, you will:

- Develop a comprehensive understanding of human behavior in work settings;
- Learn how to enhance performance within an organization or business;
- Benefit from networking and gain real-world experience through internships and other professional opportunities.

The U.S. Bureau of Labor Statistics ranks Industrial-Organizational Psychology at the top of its list of 20-fastest growing occupations, with a projected growth rate of 53 percent between now and 2022. Organizational psychologists are in demand because their expertise results in better hires, increased productivity, reduced turnover and lower labor costs. They can work as consultants to organizations, or serve in-house in a variety of jobs, including:

- Human resource officer
- Employee development manager
- Organizational development director
- Quality performance manager
- Organizational psychologist
- Testing specialist
- Compensation and benefits specialist

Student Learning Outcomes

1. **Theory:** Students will demonstrate knowledge of major concepts, theoretical perspectives, and empirical findings within the field of organizational psychology. This will include study of organizational and career development, human decision making and performance, human factors, consumer behavior, group dynamics, and job and task analysis.
2. **Research:** Students will learn to plan, conduct, and critically evaluate psychological research on human behavior in organizations and work environments. Knowledge of ethical research practice, diversity issues, and effective written and oral communication will be emphasized.
3. **Practice:** Students will develop interpersonal and intrapersonal knowledge that fosters self-awareness, personal growth, and the development of leadership skills. Students will apply psychological knowledge and skills to promote attainment of post-graduation goals through participation in internships, organizational research, and/or leadership opportunities.

Organizational Psychology Certificate

The Organizational Psychology certificate provides a science-based, practical skill set for anyone who seeks better preparation for professional success and advancement opportunities, regardless of college majors (be they in business, arts, humanities, science or education) and post-graduate paths (in for-profit and non-profit organizations alike). The certificate offers rigorous training in the areas of Psychology that have direct, valuable applications to organizations, including: motivation, decision making, group dynamics, persuasion, leadership, and innovation.

Honors Program in Psychology

A student may receive honors in psychology by fulfilling the following conditions beyond the basic requirements for the psychology major: complete one Independent Research and Study project (490); earn a cumulative average of 3.25 and an average of 3.5 in psychology at the time of graduation.

Degree Offered

- B.A. in Organizational Psychology
- Certificate in Organizational Psychology

Contact

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Program Website: Organizational Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/psychology-ba/)

Associated Department: Department of Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/organizational-psychology/)

Related Programs

- Human Resource Management (p. 333)
- Management and Leadership (p. 372)
- Business Administration (p. 91)

Organizational Psychology B.A. Requirements

(42 credits)

Code	Title	Credits
Required Courses		**24**
PSY 100	Introduction to Psychology	
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	
PSY 210	Organizational Psychology	
or MGT 201	Fund Management & Org Behavior	
PSY 240	Social Psychology	
MGT 310	Intro to Human Resource Mgmt	
PSY 329/MGT 329	Research Methods in Organizational Psychology	
or PSY 303	Research Methods: Social Psychology	
PSY 329L/ MGT 329L	Research Methods in Organizational Psychology	
or PSY 303L	Research Methods: Social Psychology Lab	
MGT 355	Team Management	
Select one of the following:		**3**
MSD 205	Business Statistics [1]	
or PSY 201	Statistics and Research Design	
Select one of the following courses:		**3**
COM 253	Organizational Communication	
COM 290	Professional/Strategic Speech	
COM 350	Team & Group Communication	
Select two of the following courses:		**6**
HRM 315	Employee Selection & Training	
HRM 316	Employee Compensation Systems	
HRM 333	Employee Engagement	
MGT 320	Managing Workforce Diversity	
MGT 490	Independent Research and Study [2]	
Select two of the following courses:		**6**
PSY 215	Personality	
PSY 225	Learning Theory	
PSY 315	Psychological Tests	
PSY 400	Senior Seminar	
PSY 490	Independent Study: Research and Creative Expression [2]	
Total Credits		**42**

1

MSD 105 is a prerequisite and must be completed before taking MSD 205.

2

You may take either PSY 490 or MGT 490 to satisfy major requirements but may not count both courses towards the major requirements.

Organizational Psychology Certificate Requirements

(12 credits)

Code	Title	Credits
Complete the following courses:		
Select one of the following:		**3**
PSY 100	Introduction to Psychology	
PSY 102	Explorations in Psychology Honors	
PSY 110	Psychology:The Science of Well-being	
PSY 117	Psychology of Creativity (Required Courses)	
Required Courses		**6**
PSY 210	Organizational Psychology	
PSY 240	Social Psychology	
Elective Courses		**3**
Select one of the following:		
PSY 212	Introduction to Applied Behavior Analysis	
PSY 215	Personality	
PSY 225	Learning Theory	
PSY 226	Cognitive Psychology	
PSY 245	Stress, Health and Coping	
PSY 315	Psychological Tests	
PSY 345	Health Psychology	
PSY 367	Creativity and Innovation	
PSY 379	Psychology and Law	
PSY 383	Psychology and Culture	
PSY 384	Positive Psychology	
Total Credits		**12**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
PSY 100	Introduction to Psychology (Scientific Perspectives GenEd 1 of 2)	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language [1,4]		3
	Semester Credit Hours	**15**
Spring Semester		
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	4
PSY 240	Social Psychology	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Foreign Language [4]		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
PSY 201 or MSD 205	Statistics and Research Design or Business Statistics	3
PSY 210 or MGT 201	Organizational Psychology or Fund Management & Org Behavior	3

Elective Course Credits [2]		6
Social Perspectives [4]		3
	Semester Credit Hours	**15**
Spring Semester		
Select one of the following PSY with Lab courses:		**4**
PSY 329 & 329L	Research Methods in Organizational Psychology and Research Methods in Organizational Psychology	
OR		
PSY 303 & 303L	Research Methods: Social Psychology and Research Methods: Social Psychology Lab	
Psychology Elective [3]		3
Philosophical Perspectives [4]		3
Social Perspectives [4]		3
MGT 310	Intro to Human Resource Mgmt	3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
MGT 355	Team Management	3
COM 253 or COM 290 or COM 350	Organizational Communication or Professional/Strategic Speech or Team & Group Communication	3
Psychology Elective [3]		3
Elective Course Credits [2]		6
	Semester Credit Hours	**15**
Spring Semester		
Management or Human Resource Management Elective (MGT or HRM)		3
Elective Course Credits [2]		12
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Aesthetic Perspectives: Fine Arts [4]		3
Elective Course Credits [2]		12
	Semester Credit Hours	**15**
Spring Semester		
Management or Human Resource Management (MGT or HRM)		3
Aesthetic Perspectives: Literature [4]		3
Scientific Perspective [4]		3
Elective Course Credits [2]		5
	Semester Credit Hours	**14**
	Total Credit Hours for Graduation	**121**

Footnotes

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

The following courses fulfill the Psychology Elective requirement: PSY 215, PSY 225, PSY 315, PSY 400, and PSY 490.

4

Courses which fulfill the General Education Curriculum can be found at: /undergraduate/colleges-schools/arts-sciences/general_education_requirements/ (p. 1146)

Courses and Descriptions

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

HRM 315 Employee Selection & Training 3 Credits
This course explains the processes involved in selecting and training employees. With regards to selection, specific examples include, evaluating applicant credentials, administering pre-employment tests and complying with equal employment opportunity legislation. With regards to training, topics include assessing the need for training, designing effective training programs, utilizing methods such as technology to deliver training, and evaluating the effectiveness of training programs.
Prerequisite(s): MGT 310.

HRM 316 Employee Compensation Systems 3 Credits
The goal of this course is to familiarize you with the common methods of compensation used by today's organizations and how these methods could be used to increase motivation, job satisfaction, and performance in the workplace. To accomplish this, we will first discuss the bases of motivation in the workplace. Next, we will then talk about the various compensation options and techniques and the strengths and weaknesses of each in maximizing motivation and performance in an organization.
Prerequisite(s): MGT 310.

HRM 333 Employee Engagement 3 Credits
Employee Engagement is commonly described as a focused passion and enthusiasm that employees bring to their work that produces high-quality performance and positive organizational outcomes such as enhanced firm reputation, customer loyalty, and profitability. In this course, students will explore the concept and value of Employee Engagement, and strategies for energizing an organization's workforce. Projects and activities will focus on the role of the Human Resource function in measuring employee attitudes, designing relevant interventions, and influencing a culture of engagement.
Prerequisite(s): MGT 310.

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

MGT 355 Team Management 3 Credits
This course prepares students to work in organizations that use teams as an integral part of their functioning-an increasingly common practice. The class involves intensive group interaction, focusing on individual growth in group settings. Working with other students in role-plays, exercises, and team assignments allows the student to develop better communication and leadership skills.
Prerequisite(s): MGT 201 or PSY 210.

MGT 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or MGT major elective.
Prerequisite(s): MGT 201 or permission of instructor.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 102 Explorations in Psychology Honors 3 Credits
The course introduces the history of psychology, and demonstrates how the discipline is a science. It provides students with experience exploring the mind, behavior, and the relationship between the two, from multiple perspectives, including biological, behavioral, cognitive, developmental, humanistic, social, and abnormal. It tackles questions including (but not limited to) how different areas of the brain are involved in behavior and are affected by injury, how humans sense and perceive the world, how states of consciousness differ from one another, how humans learn, remember, communicate, and develop, what motivates humans to behave in particular ways, how social groups affect behavior and decision-making, and what happens when behavior and emotions deviate from what is typical.

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 110 Psychology:The Science of Well-being 3 Credits
This course uses theory and methods of psychology to examine the question: How to make a good life? Students will learn how psychology examines the ways that motivation, intellect, relationships, self-respect and a healthy lifestyle contribute to happiness, well-being, and flourishing. Students will learn how psychology examines human nature through observation and experimentation. Students will understand how psychology applies research to improve human well-being. Students will leave the course with a better understanding of themselves and their connection to others, and apply their self-knowledge to their personal goals and relationships. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 117 Psychology of Creativity 3 Credits
Is creativity reserved only for geniuses, or can ordinary individuals also be creative? Is it domain-specific or domain-general? How do we measure it? What is the connection between creativity and innovation? Can you and I become more creative, and if so, what factors influence creative thinking? This course surveys the modern theories of creativity and problem solving from a psychological perspective, and their applications to real-world challenges. Specific topics will focus on convergent and divergent thinking, the role of constraints, change, and motivation in creativity, social and personality factors, techniques such as brainstorming, design thinking, and creative problem solving, and innovation in organizations. You will apply what you have learned in hands-on activities that challenge you to propose creative solutions to real-world problems.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of "C" in PSY 105.

PSY 210 Organizational Psychology 3 Credits
Focuses on issues related to human behavior in work settings. Topics include personnel issues such as hiring and promotion decisions, performance appraisals, and methods of on-the-job training. Issues of job satisfaction, motivation, productivity, and effective leadership styles are also examined. Finally, organizational structure as it relates to communication within organizations will be examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 212 Introduction to Applied Behavior Analysis 3 Credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 215 Personality 3 Credits
A synthesis of the most recent research in the field of personality development. Topics include interplay of biological, cultural, and subjective personal processes; analysis of the broad trends in personality theories; and introduction to personality measurement.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 225 Learning Theory 3 Credits
This course provides students with a broad coverage of the fields of learning, memory, and cognition, while addressing their relevance and impact on human behavior. Various psychological perspectives used to understand learning, such as associationist, selectionist, and cognitivist, will be discussed, compared, and contrasted. Topics range from classical and operant conditioning to memory, concept learning, thinking, and problem solving.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 226 Cognitive Psychology 3 Credits
The study of the mind has been the focus of psychology since its inception in the 19th century. Today, the majority of psychological research focuses on the cognitive system and its biological basis. This course will provide an overview of knowledge regarding the components of the human cognitive system (e.g., attention, memory, executive processes) and how they form the basis for higher-order cognitive skills (e.g., language and decision making). The course will provide a history of the field and the methodologies that have been and are currently being used to study the human mind. Each section of the course will include an overview of basic and applied research to demonstrate how knowledge of the cognitive system can be used to enhance human functioning in applied settings and better understand human limitations and tendencies to commit certain types of errors.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 240 Social Psychology 3 Credits
Deals with the scientific study of human beings in social situations, focusing on reciprocal influence of the individual and the group, especially aspects of behavior that are socially determined. The nature of attitudes: their development and change; the nature of social influence; interpersonal perception and attraction; dynamics of social behavior; and social phenomena, such as prejudice and social movements, are covered.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 245 Stress, Health and Coping 3 Credits
This course will examine physical and psychological effects of stress including a discussion of the nervous system, and the various models of the stress/illness relationship such as General Adaptation, Cognitive Appraisal and Diathesis-Stress. Various ways of coping with/responding to stress will be considered along with the influence of personality and sociodemographic factors on differences in both the experience of stress and on coping mechanisms will be considered. Finally, this course will consider issues in the measurement of stress and coping as well as some of the noteworthy findings and methodological aspects of stress research.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 315 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 329 Research Methods in Organizational Psychology 4 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 329L Research Methods in Organizational Psychology 0 Credits
This course covers the general areas of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 367 Creativity and Innovation 3 Credits
What is creativity, and how do we measure, study, and enhance it? This course will survey the modern theories of creativity from a psychological perspective, with an emphasis on the processes that underlie creative thinking and the variables that influence creative idea generation. Specific topics will include: convergent and divergent thinking, the role of the unconscious in creative ideation, flow and mindfulness, individual and group creativity, techniques such as brainstorming and creative problem solving, the neuroscience of creativity, the role of motivation, and creativity and innovation in organizations. Discussions of theoretical findings will be complemented by in-class activities and assignments that highlight applications to day-to-day living and to larger-scale challenges that require creativity and innovation.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 379 Psychology and Law 3 Credits
Introduces students to a study of selected topics in psychology and law. Topics include eyewitness testimony, jury selection, and decision-making.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 383 Psychology and Culture 3 Credits
Students enrolled in this course will critically examine the intersection of culture and psychology. Topics covered include cultural influences on: identity, the perceptions and manifestations of mental illness, and treatment-seeking.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 384 Positive Psychology 3 Credits
Historically, the field of psychology has placed great attention on the question of, "What is wrong with people and how do we fix it?" This course will focus on the question of, "What is right with people and how can we build on that?" We will explore this by examining empirical research centered on the nature of happiness and psychological well-being. Positive psychology is the rigorous study of what is right and positive about people and institutions. Positive psychologists call for as much focus on strength as on weakness, as much attention on positive emotions as negative emotions, as much interest in building the best things in life as in repairing the worst, and as much attention to promoting the fulfillment of lives of healthy people as to healing the wounds of the distressed. This course will first present an introduction to the core assumptions and research findings associated with human strengths and positive emotions, then move on to explore interventions and applications informed by this perspective in counseling and psychotherapy, as well as in domains personally relevant to the lives of students such as school, work, family and other close relationships. PSY 384 is cross-listed with PSY 584.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 400 Senior Seminar 3 Credits
This capstone course will provide a synthesis and evaluation of important critical issues in psychology, such as the role of modern psychology in solving social problems, the scientific vs. human services perspectives on behavior, emotion, and cognition; and the nature of mental illness and well-being. Students will be expected to draw broadly from their education in psychology; to grapple with conflicting points of view; and produce professional-quality writing, oral or multimedia presentations.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 75 credits.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

Philosophy

Program Overview

The study of philosophy explores fundamental questions about persons and the universe. What is knowledge? What is the meaning of life? What is reality? How do psychology, religion, art, history, and science contribute to an understanding of the world and our place in it?

At Rider, philosophy students are encouraged to apply these questions toward pragmatic ends, with emphasis on both the academic discourse community and developing specific skills useful beyond the classroom.

Specifically, the program teaches students how to formulate and defend positions, speak articulately and listen objectively, write clearly and persuasively, read complex material with comprehension, summarize and organize challenging materials and reason analytically and inferentially.

Curriculum Overview

Students begin with introductory courses in the teachings of Plato and Aristotle, the basics of logic and language and an historical and systematic analysis of ethics. Later coursework can focus on particular movements of philosophy including Modern Philosophy, Asian philosophy, Existentialism, Nietzsche's concept of nihilism, the philosophies of Wittgenstein and Hume, as well as a wide range of other courses related to the field. Most classes are taught as small weekly meetings in which students discuss the material in an intimate, supportive setting.

Introductory philosophy courses also hold small weekly discussion groups. In both upper and lower division courses students are also given the opportunity to develop their ability to verbally express their opinions and argue their basic points persuasively. During their senior year, students hone their writing and rhetorical skills by completing a thesis on a philosophic topic of their choice in consultation with a faculty advisor.

Student Learning Outcomes

Graduates of the Philosophy minor will be able to:

1. Recognize and interpret claims; recognize and reconstruct arguments; and evaluate arguments and justifications.

2. Articulate the main tenets of major philosophical schools and movements of thought in the history of philosophy and apply their knowledge to contemporary philosophical controversies and issues.

3. Take an active role in the discussion of philosophical issues; articulate and defend their views on controversial issues, and demonstrate open-mindedness in engaging other points of view.

4. Construct coherent and logical essays and other writings and use sources appropriately in accordance with the standards of the discipline.

Honors Program

Honors in philosophy may be achieved, upon the recommendation of the department, by earning a 3.5 cumulative average in the discipline and completing the senior thesis with distinction.

Degrees Offered

- Minor in Philosophy

Contact

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Associated Department: Department of History and Philosophy (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/history-philosophy/)

Related programs

- Communication Studies (p. 114)
- Criminal Justice (p. 132)
- English (p. 227)
- Ethics (p. 258)
- Gender and Sexuality Studies (p. 284)
- History (p. 323)
- Journalism (p. 346)
- Multicultural Studies (p. 403)
- Political Science (p. 449)

Philosophy Minor Requirements

(18 credits)

Code	Title	Credits
PHL 100	Plato and Aristotle	3
One 400-level philosophy seminar		3
Four philosophy electives, including one at the 300-level or above		12
Total Credits		**18**

Courses and Descriptions

PHL 100 Plato and Aristotle 3 Credits
The beginnings of Western scientific and humanistic thought among the early Greeks and their progress into the two great systems of Plato and Aristotle. Selections from Plato and Aristotle are read and discussed to determine the meaning and significance of philosophical ideas that have subsequently influenced the whole history of Western civilization. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 102 Philosophical Thinking 3 Credits
An introduction to philosophical thought with an emphasis on the enduring questions and problems of philosophy. We will explore such questions as: how do I know I am not dreaming? Is there an external world? What is truth? Is there a self? Is there a God? What is the relationship between the mind and the body? How can I tell right from wrong? What makes government legitimate? What is justice? What is the meaning of life? We will consider answers to these questions from diverse philosophical traditions, reading such philosophers as Plato, Descartes, Zhuangzi, Hume, Vasubandhu, Berkeley, Aquinas, Avicenna, Udayana, Kant, Mill, Russell, Camus, and Nishitani. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 110 Logic and Language 3 Credits
A study of the logical structure of argumentation in ordinary language, with an emphasis on the relation of logic to the uses of language in practical affairs. Traditional informal fallacies are studied as well. Discussions explore the nature of validity, truth, meaning, and evidence in relation to the evaluation of arguments. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 115 Ethics 3 Credits
A combined historical and systematic analysis of the problems of ethics. Such problems as the nature and meaning of moral values and judgments, moral responsibility and freedom, conscience and happiness, the good life, and the relativity of value, are explored through the writings of such philosophers as Plato, Aristotle, Aquinas, Kant, Mill, and Nietzsche. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 120 American Philosophy 3 Credits
The development of philosophical thought in the United States from the colonial era to the 20th century. Studies such thinkers as Edwards, Jefferson, Emerson, Thoreau, Peirce, James, Dewey, and King, and their ideas on human nature, free will, religion, morality, and politics. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 125 Philosophies of Education 3 Credits
Studies classical and contemporary theories of the nature, structure, and aims of education, including major works of such philosophers as Plato, Rousseau, and Dewey. The course will also introduce students to methods of critical philosophical analysis. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 130 Political Philosophy 3 Credits
An introduction to the problems of political philosophy with an emphasis on recent and contemporary issues, such as the conflict between liberal and conservative ideologies, fascism, revolution, civil disobedience, and the concept of legitimate political authority. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 202 Social Philosophy 3 Credits
Emphasizes social ethics through critical studies of such contemporary problems as abortion, euthanasia, the death penalty, pornography and censorship, animal rights, drug use, sexual morality, environmental ethics, and world hunger. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 203 Business Ethics 3 Credits
Surveys and examines ethical problems concerning the institutions and practices of contemporary business. Problems considered include: the conflicts of economic freedom and social responsibility; the relation of profits to work and alienation; the responsibilities of business to employees, minorities, consumers and the environment; the role of truthfulness in business practices; and the ethics of self-fulfillment and career ambitions. Readings selected from works of contemporary and historical philosophers, social theorists, and business people.

PHL 207 Asian Philosophy 3 Credits
A survey of the principal philosophical perspectives of Asia. Emphasis on the traditional Indian schools of Hinduism, Jainism, and Buddhism, Chinese Confucianism and Taoism, and the development of Zen Buddhism in China and Japan. Philosophical topics include: mystical experience, the ultimate nature of reality, the existence of a soul, the causes of human suffering, and the possibility of release, the nature of virtue and its development, and the nature of society and government. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 210 Symbolic Logic 3 Credits
An introduction to logic from the standpoint of modern symbolic methods, including techniques of formal deductive proof, quantification, the logic of relations, and properties of formal deductive systems. Discussions focus on philosophical issues in recent and contemporary logical theory. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 225 Modern Philosophy 3 Credits
Examines one of the most exciting periods in the history of philosophy during which philosophers from Descartes to Kant tried to come to terms with the following questions: What is knowledge? Can we know the physical world exists? Can we have scientific knowledge? Can we know God exists? Can we even know whether we exist? The works of Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume and Kant are read and discussed. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PHL 304 Medical Ethics 3 Credits
Introduces the student to ethical problems associated with the practice of medicine, the pursuit of biomedical research, and health care social policy. The course will explore such issues as: Is a physician morally obligated to tell a terminally ill patient that he or she is dying? Is society ever justified in enacting laws that would commit an individual, against his or her will, to a mental institution? Does society have a moral obligation to ensure that all its members have access to health care? To what extent, if at all, is it ethically acceptable to clone a human being? Under what conditions is human experimentation ethically acceptable? **Prerequisite**(s): CMP 125 or CMP 203 or BHP 150.

PHL 310 Problems in 20th-Century Philosophy 3 Credits
Consideration of major philosophical movements in the 20th century such as phenomenology, existentialism, pragmatism, and analytic philosophy. Within these movements such topics as the function of analysis, language and meaning, the nature of values, the nature of persons, the synthetic-analytic distinction, the mind-body problem, and the possibility of metaphysics are considered. The work of such figures as Wittgenstein, Russell, Heidegger, Husserl, Sartre, Whitehead, and Dewey are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 315 Existentialism 3 Credits
Historical development and contemporary problems of existentialism with emphasis on the nature of man, his ability to know his situation, the relation between existence and essence, and the meaning of human life and activity. The works of such figures as Kierkegaard, Sartre, Heidegger, Camus, Kafka, Beckett, Buber, Laing, and Frankl are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 320 Philosophy of Science 3 Credits
The logic of fundamental concepts of science and scientific methods are studied. Patterns of explanation are examined to understand the functions of laws, theories, and predictions in science. Inquiry is made into the relation between mathematics and empirical science; similarities and distinctions between the natural and social sciences. The role of science in human affairs and the value of scientific knowledge.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 334 Theories of Knowledge 3 Credits
An investigation of selected, representative theories of knowledge from classical and contemporary sources. Considers the analytic-synthetic distinctions, necessary truth, and the foundations of empirical knowledge. Such philosophers as Leibniz, Hume, Kant, Russell, and Quine are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 336 Philosophy of Mind 3 Credits
An investigation of the nature, existence, and capacities of the mind and self in the light of recent philosophical and psychological theories, including psychoanalysis and behaviorism. Considers such topics as the interaction of mind and body, the unconscious, minds and machines, freedom of thought and action.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 343 Theories of Reality 3 Credits
An examination of metaphysical problems with an emphasis on philosophical views of human nature from ancient Greece to contemporary evolutionary theories. The writings of such classical, modern, and contemporary figures as Plato, Aristotle, Descartes, Kant, Hegel, and Darwin are read and discussed. Issues studied include the relation between mind and matter, freedom and determinism, and the existence of God.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 348 Indian Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of India. Emphasis on the disputes between the traditional Hindu and Buddhist schools of the classical period over logic, knowledge, and reality. Philosophical topics include: skepticism, the problem of universals, realism and idealism, the nature of perception, the problem of induction, the nature of causality, and the problem of identity over time. Philosophers such as Nagarjuna, Vasubandhu, Vatsyayana, Dharmakirti, and Udayana will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 358 Chinese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of China. Emphasis on the political philosophies of ancient China. Topics include: human nature and the development of virtue, the nature and purpose of government, and the cognitive value of mystical experience. Philosophers such as Confucius, Laozi, Xunzi, Mencius, Mozi, and Zhuangzi will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 360 Contemporary Ethics 3 Credits
An examination of recent and contemporary challenges to traditional ethical theory including such movements as logical positivism, cultural relativism, feminism, environmentalism, multiculturalism, and postmodernism. Such problems as the meaning and cognitive status of value judgments, the relation between fact and value, the relativity of values, and how value judgments can be justified are considered.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 368 Japanese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of Japan, with an emphasis on Zen Buddhism in Medieval Japan and the Kyoto school in the 20th century. Topics include: the use of meditation and koans in Zen practice, the relationship between practice and enlightenment, the nature of time, meaning and nihility, and the relationship between science and religion. Philosophers such as Kukai, Mumon, Dogen, and Nishitani will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 402 Nietzsche and Nihilism 3 Credits
A seminar dealing with Nietzsche's provocative ideas on Nihilism and the possibility of creating meaning, value, and truth for human existence. Many of his important works are read, analyzed, and critically discussed. Recent scholarly interpretations of Nietzsche's philosophy are considered.
Prerequisite(s): any previous philosophy course or permission of instructor.

PHL 408 The Philosophy of William James 3 Credits
Seminar involving a concentrated study of William James' contributions to philosophy with special attention to his pragmatism, pluralism, and radical empiricism. Many of James' philosophical works are read, analyzed, and critically discussed. Recent scholarly interpretations of James' philosophy are considered.

PHL 418 Great Buddhist Thinkers 3 Credits
Concentrated study of a single Buddhist philosopher, emphasizing the systematic views of that philosopher across a range of philosophical issues. Through an examination of primary sources in translation and recent scholarship, students will investigate the views and arguments of one important figure from the Buddhist philosophical tradition on a variety of philosophical problems regarding knowledge, existence, consciousness, religion, and ethics.

PHL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

PHL 494 Preparation and Research for Senior Philosophy Thesis 1 Credits
Supervised by a faculty member, the Philosophy major chooses a topic, composes an outline and a bibliography. Must be completed prior to enrolling in PHL 495.

PHL 495 Senior Philosophy Thesis 3 Credits
In a tutorial setting, the Philosophy major will write a thesis which serves as the Capstone Experience in the Department.
Prerequisite(s): PHL 494.

Physics

Program Overview

Physics students at Rider develop a rigorous understanding of the natural world and the forces that govern it through a combination of traditional classes and hands-on laboratory experience. The small classes focus on a variety of topics including classical and modern physics, as well as scientific computing techniques and astrophysics. Physics students are presented with multiple research opportunities with our faculty, who actively attend national meetings and publish in international peer-reviewed journals.

The physics minor helps students seeking entrance to graduate or medical school as well as careers in physics, law, education, and business. This minor helps students develop laboratory skills, written and oral skills, as well as understanding how the laws of physics apply and can be manipulated or utilized in the real world.

Minor Offered

- Minor in Physics

Contact

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Program Website: Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/undergraduate/physics-minor/)

Associated Department: Department of Computer Science and Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/computer-science-physics/)

Related programs:

- Computer Science (p. 125)

Physics Minor Requirements

(20 credits)

Code	Title	Credits
PHY 200 & 200L	General Physics I and General Physics I Lab	4
PHY 201 & 201L	General Physics II and General Physics II Lab	4
PHY 203	Introduction to Modern Physics	3
PHY 300	Mechanics	3
PHY 305	Electricity and Magnetism	3
One additional 300- or 400-level physics (PHY) course		3
Total Credits		**20**

Courses and Descriptions

PHY 200 General Physics I 4 Credits
Introductory classical physics; Newtonian mechanics, including the conservation laws, wave motion, gravity, thermodynamics. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 210 or concurrent enrollment
Corequisite(s): PHY 200L.

PHY 200L General Physics I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 200.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

PHY 201L General Physics II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 201.

PHY 203 Introduction to Modern Physics 3 Credits
Covers space-time relativity, elementary particles, and basic quantum mechanics, including solutions of the Schrodinger wave equation. Applications of quantum theory in atomic, nuclear, and solid-state physics.
Prerequisite(s): PHY 201 or permission of instructor.

PHY 300 Mechanics 3 Credits
Kinematics and dynamics of particles and systems, analysis of harmonic oscillator systems, normal modes, Lagrangian and Hamiltonian dynamics and classical waves are studied.
Prerequisite(s): PHY 201, MTH 250.

PHY 305 Electricity and Magnetism 3 Credits
Electro- and magnetostatics, fields and potentials, and boundary value problems are covered.
Prerequisite(s): PHY 201, MTH 250.

PHY 310 Advanced Electricity and Magnetism 3 Credits
Maxwell's equations; electromagnetic waves in vacuum and in material media; radiation, propagation, reflection, and refraction.
Prerequisite(s): PHY 305, MTH 308.

PHY 315 Thermodynamics and Statistical Mechanics 3 Credits
Thermodynamic systems; the first and second laws of thermodynamics; entropy and thermodynamic potentials; distribution of molecular speeds; Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac distributions.
Prerequisite(s): PHY 201.

PHY 320 Quantum Mechanics 3 Credits
Historical background; the Bohr Theory; the Schrodinger equation, its interpretation and applications; the uncertainty and exclusion principles; development of the formalism.
Prerequisite(s): PHY 300.

PHY 330 Basic Electronics 3 Credits
An experimental study of devices and circuits in analog and digital electronics. No previous experience with electronic circuits is assumed; introductory topics including signal acquisition, computer interfaces, and analog/digital signal processing will be covered. One hour of lecture plus two three-hour labs per week.
Prerequisite(s): PHY 201 or permission of instructor.

PHY 350 Advanced Laboratory 2 Credits
Experiments in atomic and nuclear physics, electricity and magnetism, and physical optics. Students have the opportunity to work intensively on a particular experiment. Minimum of five to six hours per week.

PHY 400 Atomic Physics 3 Credits
Quantum mechanics and the one-electron atom; atomic structure and optical spectra of multi-electron atoms. Quantum statistics, band theory of solids.
Prerequisite(s): PHY 320.

PHY 405 Fundamentals of Nuclear Physics 3 Credits
Nuclear mass and size; nuclear forces and some models of the nucleus; radioactivity and detection; subnuclear particles and resonances.
Prerequisite(s): PHY 320.

PHY 415 Physical Optics 3 Credits
Waves and the superposition principle; interference, Fraunhofer and Fresnel diffraction; electromagnetic nature of light; absorption and scattering; dispersion; polarization.
Prerequisite(s): PHY 201, MTH 250.

PHY 416 Modern Experimental Optics Lab 1 Credits
A laboratory course in geometrical and physical (wave) optics, designed to supplement the material presented in PHY 415. Serves as an introduction to the optical equipment and techniques that are employed in laboratory research. A series of experiments cover the topics of polarization, interference, image formation, Fourier optics and lasers, and optical spectroscopy.
Prerequisite(s): PHY 201.

PHY 450 Topics in Modern Physics 3 Credits
A selected topic of contemporary interest in physics, e.g., general relativity and gravity waves, is studied. Emphasis on current journal literature and research. May be taken more than once with departmental approval. An excellent introduction to independent research in one area of physics.
Prerequisite(s): PHY 201.

PHY 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

PHY 491 Internship in Physics 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Political Communication

Program Overview

Political communication is an interdisciplinary minor that is designed to investigate the manner in which new technologies and strategies of communication change the emerging political order, and the manner in which the emerging political order structures the dissemination of information among citizens of the United States and other nations.

The minor in political communications provides preparation for those students planning further study in graduate or law school, careers in government, international affairs, political campaigns, political journalism, or private business concerned with government activity. Moreover, students will further their abilities to construct arguments based upon ethical and relevant data, think clearly and critically, and develop the facility to express themselves persuasively.

Degree Offered

- Minor in Political Communication

Contact

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Program Website: Political Communication (http://www.rider.edu/politicalcommunication/)

Associated Department/College: Department of Government, Politics and Law

Related Programs

- Communication Studies (p. 114)
- Finance (p. 269)
- Health Administration (p. 311)
- Health Communication (p. 317)

Political Communication Minor Requirements

(21 credits)

Code	Title	Credits
POL 307	Political Communication	3
Communication		
Select three of the following:		9
COM 105	Communication, Culture and Media [1]	
COM 205	Persuasion [1]	
COM 304	Rhetoric for Politics and Law	
COM 322	Argumentation and Advocacy	
COM 390	Communication and Society	
COM 391	Communication Criticism	
COM 393	International Communication	
Political Science		
Select three of the following:		9
GLS 180	Understanding Global Relations	
POL 210	Public Opinion	
POL 230	Methods of Political Analysis	
POL 247	Political Campaigning	
POL 295	Special Topics in Political Science [2]	
POL 301	Civil Liberties in the U.S.	
POL 305	Political Parties and Electoral Behavior	
POL 306	American Political Film	
POL 313	American Presidency	
POL 315	Global Issues	
Recommended Course		
Select one of the following:		4
COM 490	Independent Study: Research and Creative Expression	
COM 491	Internship in Communication	
POL 490	Independent Study: Research and Creative Expression	
POL 491	Internship in Political Science	
Total Credits		**21**

1 May not be counted toward the minor by Communication and Journalism majors.

2 Only one special project may be counted toward the minor.

Courses and Descriptions

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

GLS 180 Understanding Global Relations 3 Credits
Offers an introduction to Global and Multinational Studies by exposing the student to basic concepts necessary to understand the dynamics underlying the emerging worldwide society of diverse nations. The student will become acquainted with the mechanisms by which contacts are built across nations, and the factors that shape the conception of and relations with "the other.".

POL 210 Public Opinion 3 Credits
Public opinion as a social force and as expression of public sentiment on political and social issues. Topics include: development and dissemination of opinions, the measurement of public opinion, public opinion and governmental processes, and the reciprocal relationship between mass media and public opinion.

POL 230 Methods of Political Analysis 3 Credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.

POL 247 Political Campaigning 3 Credits
This course entails the study of campaigning for political office at the federal, state and local levels in the United States. While attention will be given to how the broader political environment and specific factors, e.g., partisanship, hot button issues, local interests, and money, affect the nature of campaigns, the course's primary focus will be on how to organize and conduct a successful and ethical campaign, including how to collect and analyze pertinent data, manage a staff, develop a communications plan, including social media, and get out the vote.

POL 295 Special Topics in Political Science 3 Credits
For non-seniors who engage in serious research in political science. Topic to be approved by instructor and department chairperson.

POL 301 Civil Liberties in the U.S. 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as HLS 301. Students may not get credit for both HLS 301 and POL 301.

POL 305 Political Parties and Electoral Behavior 3 Credits
The structure, character, and functions of U.S. political parties and pressure groups, and their impact on public policy. Parties are analyzed within the broader scope of organizational theory and comparative party systems. Major emphases on their historical origins, their role in contemporary political life, and particular aspects of party politics--local organization, membership, campaigning and elections, policy-making roles, and leadership.

POL 306 American Political Film 3 Credits
This course analyzes the structure, history, and impact of the genre of political film. It begins with a discussion of how one distinguishes a political film from other forms of cinema. It then proposes insights into the manner in which these films evoke a particular time and place in politics, affect the viewer's interpretation of a political event or figure, and have an effect upon a viewer's political perceptions or behavior. The student will also learn to review films critically, both as political statements and as effective (or ineffective) conveyors of political messages.

POL 307 Political Communication 3 Credits
The meaning and uses of political communication are examined, the manner and forms such communication takes, and the history of political discourse. Major topics include the role of communication in elections and the development of public policy, how political communication strategies have changed with the rise of mass media, and the development of national and international publics for discourse.

POL 313 American Presidency 3 Credits
A description and analysis of the American presidency: its historical development, the internal organization, and ecological context. Basic issues include the intent of the framers of the Constitution, the historical accumulation of presidential powers, and institutional limits on presidential power (e.g., Congress and the bureaucracy).

POL 315 Global Issues 3 Credits
Military, economic, demographic, and environmental threats to global security in the post-Cold War era. Forces of transnational integration vs. forces of intrastate fragmentation. Inadequacy of international law and organization to deal with these problems within the confines of the sovereign nation-state system.

POL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

POL 491 Internship in Political Science 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of fieldwork per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

Political Science

Program Overview

How did American politics become so polarized? How can we understand the global shift to the right in electoral politics? Why does democracy matter? What causes politics to turn violent, and what can be done about it? How can citizens affect change in their own communities and beyond?

These are just some of the big questions students will confront in political science courses at Rider University. Through these courses, students will examine politics at every level: local, state, national,

international and global. They will acquire a variety of methodological skills and theoretical perspectives in order to develop a broad understanding of political institutions and processes, political cultures, and political actors. Students enjoy experiential learning in many of their courses, including Congressional simulations, mock trials, and creative problem solving in foreign policy.

Curriculum Overview

Students take courses in many subfields of political science:

- American politics
- comparative politics
- constitutional law
- international relations
- political theory
- public policy

Beyond the Political Science major, the department also offers minors in Homeland Security Policy (p. 330) and Political Communication (p. 447).

Rider's Political Science students have many opportunities for hands-on experiences which will help to complete their Engaged Learning (https://www.rider.edu/academics/engaged-learning/about/) graduation requirement:

- The Rebovich Institute for New Jersey Politics (https://www.rider.edu/academics/centers-institutes/rebovich-institute/) places students in internships in NJ, PA, NY, DC and beyond, offering fellowships to support students during unpaid summer internships. The Institute also brings many noteworthy speakers to campus, including former Speaker of the House Newt Gingrich (R) and Rep. Bonnie Watson Coleman (NJ-D).
- Rider's award winning Model United Nations (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/government-politics-law/model-united-nations/) (MUN) team has received Outstanding Delegation (the highest award) ten out of the last eleven years. Students in MUN earn course credit while preparing to represent their delegation in an annual week-long conference at the United Nations in New York City.
- Washington Semester Program (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/government-politics-law/washington-semester/) provides students with the opportunity to intern in Washington, D.C. while taking courses at American University.
- Student Global Village® course GLS 285 allows students to take a semester long course virtually alongside students in Iraq, Northern Ireland, or another international university.
- Political Science faculty offer multiple teach-ins every semester, where they offer expert analysis of current events in politics. Students also lead teach-ins about their experiences outside the classroom, including Model UN.
- In addition to joining the Political Science Club, students are encouraged to join the College Democrats or College Republicans.

Our political science faculty members are active researchers and practitioners who bring their expertise into the classroom. Rider students find many opportunities to collaborate with faculty on research and to present their work at disciplinary conferences. Recent research areas include:

- the politics of gas and oil pipelines
- campaign finance and political corruption
- the role of Hip Hop for under-privileged migrant youth
- world opinion and the Northern Ireland Peace Process
- presidential politics and impeachment
- the role of compromise in American politics and political thought

The study of politics and government is an important part of a well-rounded liberal arts education. Studying political science and the liberal arts will enhance a student's skills in critical thinking, written and oral communication, and problem solving, which will serve them well in any career. More and more business leaders, including Rider alumni, report that they seek precisely these skills in potential employees.

Graduates in Political Science pursue a wide range of careers and public service opportunities, as well as advanced study, including:

- graduate and law school
- local and national politics and government
- international politics and IGOs (international governmental organizations)
- non-governmental organizations (NGOs)
- community and political organizing
- think tanks and policy analysis
- journalism
- business
- education
- Peace Corps and Teach for America

Student Learning Outcomes

Graduates of the Political Science major will be able to:

1. Explain political institutions, processes and behaviors, as well as their variation, in the US and around the world.
2. Apply core concepts and theories in political science to analyze and engage with real world political problems.
3. Conceptualize research questions, adopt appropriate methodologies, and collect and interpret qualitative and/or quantitative data to answer these questions.
4. Produce persuasive original arguments, based upon suitable evidence and in conversation with varying perspectives, in written work and/or oral communication.

Honors Program in Political Science

Political Science majors who have completed eight courses in political science with a cumulative average of 3.5 may request candidacy for graduation with honors in political science. Students should submit to the chairperson of the department early in their sixth semester (March 15 or October 15) an Independent Research and Study project signed by a faculty sponsor and approved by the department. Applicants typically enroll in POL 490 in their seventh semester, to develop a thesis proposal.

Upon approval, students then take POL 499 Senior Honors Thesis, for six credits, in the final semester. A substantive research work should be presented no later than April 1 or November 1 to a committee made up of the thesis advisor and two faculty members approved by the department.

Honors in political science is awarded upon the successful completion and oral defense of the thesis.

Degree Offered

- B.A. in Political Science

Contact

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Program website: Political Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/political-science/)

Associated Department: Government, Politics and Law Department (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/government-politics-law/)

Related Programs

- Communication Studies (p. 114)
- Criminal Justice (p. 132)
- Homeland Security Policy (p. 330)

Political Science Major Requirements

(42 credits)

Code	Title	Credits
Political Science		
POL 100	U.S. Politics in Crisis [1]	3
POL 102	Power, Politics and Justice	3
POL 202	The Political System - Theories and Themes	3
or POL 230	Methods of Political Analysis	
Select one course from each of the following subfields:		
Political Theory		**3**
POL 239	Modern Political Theory	
POL 308	Capitalism and Inequality	
POL 340	Modern Democracy and Its Critics	
POL 342	Contemporary Political Theory: Freedom and Authority	
POL 343	American Political Thought	
POL 345	Ancient Political Theory: Justice	
POL 346	The Politics and Ethics of Emergencies	
POL 303	Global Justice	
American Politics		**3**
POL 200	NJ Government and Politics	
POL 203	Homeland Security	
POL 235	Race and Ethnicity in American Politics	
POL 247	Political Campaigning	
POL 270	Interest Groups and Lobbying	
POL 281	Sex & Gender in U.S. Politics	
POL 305	Political Parties and Electoral Behavior	
POL 312	Congressional Politics	
POL 313	American Presidency	
POL 314	Congressional Power and National Security Policy	
POL 316	Presidential Power and National Security Policy	
POL 326	Power in American Politics	
POL 335	Urban Politics	
HLS 204	Development and Structure of the US Intelligence Community	
Law and Public Policy		**3**
POL 201	Policy Issues, Advocacy, and Budgeting	
POL 205	Introduction to Public Policy	
POL 206	Healthcare Regulation and Governance	
POL 260	Politics of Law and Order	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 325	Public Administration	
POL 327	Contemporary Issues in American Public Policy	
POL 328	Environmental Politics	
POL 361	Courts, Judges and Politics	
Comparative Politics		**3**
POL 216	Comparative Political Systems	
POL 255	European Politics	
POL 302	Insurgency	
POL 318	Conflict Resolution	
POL 319	Terrorism, Revolutions and Political Violence	
POL 320	Politics of the Middle East	
POL 322	African Politics	
POL 329	Comparative Environmental Policy	
POL 330	Geopolitics of Energy	
POL 363	Human Rights in Global Context	
POL 365	Politics of the Developing World	
POL 367	Global Immigration	
International Relations		**3**
POL 215	Global Politics	
POL 225	Nationalism in World Politics	
POL 280	Sex & Gender in International Politics	
POL 311	Borders and the State	
POL 315	Global Issues	
POL 317	Model United Nations	
POL 321	International Law	
POL 371	The Arab-Israeli Conflict	
POL 350	U.S. Foreign Policy and Security Policy	
POL 351	Critical Views of Global Security	
POL 368	International Organizations	
Five political science electives, four of which must be at the 300 or 400 level		**15**
Capstone		
POL 450	Seminar in Poltical Science	3
or POL 399	The Co-operative Experience	
Total Credits		**42**

1

Must be taken in the freshman year.

Political Science Minor Requirements

(21 credits)

Code	Title	Credits
POL 100	U.S. Politics in Crisis	3
POL 102	Power, Politics and Justice	3
Five political science electives, three of which must be at the 300-level		15
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
POL 102	Power, Politics and Justice	3
HIS 150	World History to 1500	3
Foreign Language 1 of 2 [1]		3
	Semester Credit Hours	**15**
Spring Semester		
POL 100	U.S. Politics in Crisis (Social Perspectives 1 of 2) [3]	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Scientific Perspectives 1 of 2		3
Foreign Language 2 of 2		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
Choose one of the following:		**3**
POL 239	Modern Political Theory	
POL 342	Contemporary Political Theory: Freedom and Authority	
POL 343	American Political Thought	
POL 345	Ancient Political Theory: Justice	
Social Perspectives 2 of 2		3
Philosophical Perspectives		3
Scientific Perspectives 2 of 2		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15**
Spring Semester		
POL 230	Methods of Political Analysis	3
Choose one of the following:		**3**
POL 205	Introduction to Public Policy	
POL 300	U.S. Constitutional Law	
POL 301	Civil Liberties in the U.S.	
POL 325	Public Administration	
Aesthetic Perspectives: Fine Arts		3
Two Elective Courses [2]		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
Choose one of the following:		**3**
POL 312	Congressional Politics	
POL 313	American Presidency	
POL 325	Public Administration	
POL 326	Power in American Politics	
Upper Level Political Science (POL) Elective		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
Spring Semester		
Choose one of the following:		**3**
POL 216	Comparative Political Systems	
POL 320	Politics of the Middle East	
POL 329	Comparative Environmental Policy	
POL 365	Politics of the Developing World	
Upper Level Political Science (POL) Elective		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
POL 491	Internship in Political Science	3
Choose one of the following:		**3**
POL 215	Global Politics	
POL 225	Nationalism in World Politics	
POL 311	Borders and the State	
POL 367	Global Immigration	
Upper Level Political Science (POL) Elective		3
Two Elective Courses [2]		6
	Semester Credit Hours	**15**
Spring Semester		
POL 450	Seminar in Political Science (Required)	3
Upper Level Political Science (POL) Elective		3
Three Elective Courses [2]		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

3

One Social Perspectives General Education Requirement is included in the major.

Courses and Descriptions

POL 100 U.S. Politics in Crisis 3 Credits
It often seems like the American government achieves little other than stoking political animosities amongst the American people. We see daily news stories about gridlock, polarization, partisanship, and corruption. This course introduces students to the basic principles of the U.S. constitutional system and how they are served by the three branches of government, paying special attention to the democratic process, vital public issues, and civil rights and civil liberties. Students will gain a critical understanding of the function and dysfunction in American politics and government, as well as concrete ideas about what can be done about it. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 102 Power, Politics and Justice 3 Credits
Who gets what, when, why, and how? The study of politics and government is, essentially, a study of power and justice. This course introduces students to major ideologies and political theories, systems of government (ranging from presidential to parliamentary to authoritarian), public opinion and political behavior, international relations and war, and contemporary policy issues. Students will learn how to evaluate political institutions and actors in terms of how power is distributed and exercised, and when (and why) justice is and is not achieved. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 200 NJ Government and Politics 3 Credits
Political institutions, processes, and problems of state and local governments of New Jersey. Analysis of legislative, executive, judicial, regulatory bodies, special districts, and autonomous agencies. Aspects of personnel, finance, and services, as well as political parties and elections.

POL 201 Policy Issues, Advocacy, and Budgeting 3 Credits
Surveys various domestic economic and social policy issues, the government budgeting process, and how citizens and groups advocate their interest through organizing, coalition-building and lobbying. Emphasis on developing practical skills in issue analysis, lobbying, legislative tracking, and public budgeting.

POL 202 The Political System - Theories and Themes 3 Credits
This course serves as a gateway to the subfields of comparative politics and international relations. The concept of the political system helps political scientists to organize political interrelations into patterns that allow systematic selection and interpretation of information and the study of processes and outcomes of politics in a variety of settings. The course introduces students to the main brands of normative theory prescribing the principles directing the operation of the political system, to some of the most important methods used to compare political systems and/or their components, and to the foremost approaches utilized in the study of the relations between political systems and their environments. Note: This course is cross-listed as HLS 202. Students may not get credit for both POL 202 and HLS 202.

POL 203 Homeland Security 3 Credits
The course is designed to help students increase their knowledge and understanding of homeland security policy. The course will consider why and how homeland security problems impact the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. The course will primarily examine policy making at the national level in the United States, but will also analyze examples at the state and local level, as well as placing U.S. policy in a comparative perspective. Note: This course is cross-listed as HLS 203. Students may not get credit for both HLS 203 and POL 203.

POL 204 Development and Structure of the US Intelligence Community 3 Credits
This course provides a historical review of intelligence following World War II. It will examine the major functions of intelligence, as well as intelligence as a part of the foreign policy process: collection, analysis, counterintelligence, and convert action. Students will be introduced to a range of collection procedures: human, open source, electronic, photographic, and signal, with emphasis placed on interpreting and writing intelligence summaries. Note: This course is cross-listed as HLS 204. Students may not get credit for both POL 204 and HLS 204.

POL 205 Introduction to Public Policy 3 Credits
The course provides students with an introduction to the study of public policy by linking the theoretical with the practical. The course focuses on three areas of analysis: 1) descriptive 2) evaluative and 3) prescriptive. Students will develop skills required to define and critically examine policy problems, articulate relevant decision-making criteria and assess alternative policy options. Last the course provides examples of public policy problems through the substantive policy areas of health, environment and education.

POL 206 Healthcare Regulation and Governance 3 Credits
Health Regulation and Governance explores the institutions, processes and actors involved in governing and regulating the healthcare system in the US. The course engages the topic through the lens of federalism by examining the role of the Executive, Legislative and Judicial branches of government in regulating and governing healthcare at the national level as well as the role of the states in this policy area. Students will not only be introduced to the structure of regulation and governance of healthcare in the US, but will also be able to contextualize contemporary issues in healthcare in order to not simply addresses problems in the sector, but to also begin to identify solutions to issues that impact the population.

POL 210 Public Opinion 3 Credits
Public opinion as a social force and as expression of public sentiment on political and social issues. Topics include: development and dissemination of opinions, the measurement of public opinion, public opinion and governmental processes, and the reciprocal relationship between mass media and public opinion.

POL 215 Global Politics 3 Credits
The struggle for power, wealth, and order at the global level involving nation-states, intergovernmental organizations (such as the United Nations, the European Union, etc.), non-governmental organizations, transnational enterprises and other non-state entities, using military, economic, diplomatic, legal, and communication instruments. Overview of global problems such as the proliferation of weapons of destruction, ethnic and religious conflicts, human rights, and the global environment in the 21st century.

POL 216 Comparative Political Systems 3 Credits
A general introduction to types of government and political regimes of the world as they try to cope with the dual challenge of ethnic micropolitics and transnational globalization. Major prototypes of democracy: the British parliamentary system, the American separation of powers system, and various combinations of these two. Traditional autocracy, totalitarian dictatorships, and late 20th-century authoritarian regimes. Students are expected to acquire in-depth knowledge of comparative political systems, and to develop a basic understanding and appreciation of the major concepts and themes in comparative political systems studies.

POL 220 Terrorism & Counter Terrorism 3 Credits
This course introduces students to the arguments about the definition of terrorism, the historical use of terrorism and the roles of ideology, religion, and psychological factors that help explain and predict it. The course seeks to identify the components of national security policy aimed at countering such elements and their cost, both in financial and civil right terms. Finally, to illuminate both the definition and the policies discussed, the course will offer brief comparisons with other states, especially Israel, the UK, and Russia. Note: This course is cross-listed as HLS 220. Students may not get credit for both HLS 220 and POL 220.

POL 225 Nationalism in World Politics 3 Credits
Nations and nationalism. An overview of nationalistic manifestations in the world today. Nations, states, nation-states. Multinational states, stateless nations. Imperialism, anti-imperialism; nativism vs. internationalism and globalism. Topics include nationalisms in the Holy Land; in the former Yugoslavia; in the former Soviet Union and its successor states; and economic Nationalism vs. Globalization.

POL 230 Methods of Political Analysis 3 Credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 239 Modern Political Theory 3 Credits
A survey of the most significant political thought from Hobbes through Mill and Marx. Subject matter includes the social contract and discussion of such questions as the nature of freedom, natural law and right, political obligation, justice, and form of regime.

POL 247 Political Campaigning 3 Credits
This course entails the study of campaigning for political office at the federal, state and local levels in the United States. While attention will be given to how the broader political environment and specific factors, e.g., partisanship, hot button issues, local interests, and money, affect the nature of campaigns, the course's primary focus will be on how to organize and conduct a successful and ethical campaign, including how to collect and analyze pertinent data, manage a staff, develop a communications plan, including social media, and get out the vote.

POL 255 European Politics 3 Credits
A comparative analysis of the social and political systems of Britain, France, Germany and other Western countries within the European framework. Emphasis will be on the identification of ways in which countries similar in social characteristics are also similar in their political systems and on the extent and circumstances under which they differ. Similarities and contrasts will also be drawn with political structures and processes in the United States. This course, on occasion, may contain an optional travel component during January.

POL 260 Politics of Law and Order 3 Credits
The constitutional, legal, political, and administrative aspects of the criminal justice system in the United States are studied, including the court system at all levels of government, law enforcement agencies, correctional programs and institutions, probation, parole, and the relationship of our legal institutions to the broader political system.

POL 270 Interest Groups and Lobbying 3 Credits
The course will introduce students to the area of interest groups and lobbying. Topics to be covered include theoretical developments, methodological approaches of group formation, organizational maintenance, and strategies used to influence public policy in the executive, legislative, and judicial branches of government.

POL 280 Sex & Gender in International Politics 3 Credits
What's a student of political science, International Relations (IR), or another social science field to do about feminism? This is a question that has troubled IR for decades. While feminist debates engaged people in spaces outside the disciplines of political science and particularly IR, IR scholars did their best not to see the relevance of feminism for their own debates. That did not stop some feminists from rethinking key IR concepts like power, race and the state, but such contributions were largely ignored by IR scholars until very recently. It was only in the last decades, when feminist questions pushed their way onto the IR agenda through books, journals, and conferences, that feminism suddenly seemed attractive to IR scholars. Designed as an interdisciplinary course with a strong reference to Global and International Politics, this course will provide a basic introduction to some of the major global questions as seen through a feminist lens.

POL 281 Sex & Gender in U.S. Politics 3 Credits
Legal traditions have long maintained that a "man's home is his castle," beyond the reach of the state (thereby ignoring "private" injustices like domestic violence). But the state has always found ways to justify some interventions in citizens' private lives, including legislation of abortion and homosexuality. The personal has always been political, as second-wave feminists rightly insisted in the 1960s. This course examines the intersection of private and public, looking at the ways in which sex, identity and sexuality are implicated in and shaped by politics and policy-making: including the gendered division of labor inside and outside the home; the politics of gender identity; the legislation and policing of sex, sexuality, marriage and families; and the challenges facing women who enter politics. We will ask provocative and pressing questions like: How do sex and sexuality intersect with race, class, disability, and more? Can women (or anyone) really "have it all"? What is the future of transgender rights in the U.S.? Why do women still make up only 20% of Congress? Do women lead differently? To answer these questions, we will turn to political theory, political science, public policy, legal studies, and more.

POL 285 The Student Global Village 3 Credits
This course involves deliberative discussions carried out internationally among college students using videoconferencing technology. The project involves a series of 12 weekly videoconferences between students at Rider University and students at the American University of Cairo, or another international university. Students will be provided with materials to supplement their knowledge of the other country, and to allow them to discuss chosen themes in depth. The students will be required to write papers that describe their attitudes and impressions of the other country at the beginning and the end of the project, and to summarize what they have learned based upon the conferences and readings. Short papers will be required each week to prepare the students for the videoconference theme of the week.

POL 290 Student Nobel Peace Prize Project 3 Credits
Students in this course will do extensive research on social justice issues throughout history and around the world. Working as partners with Notre Dame University in Louaize, Lebanon, Rider University students will make up a list of potential nominations for the Nobel Peace Prize to be awarded the following year. Through ongoing discussion all semester, and negotiating, the two campuses will pare down the list until only one name or organization is the final course choice. The students will then write a letter that nominates their candidate, it will be officially signed and sent to the Nobel Peace Committee in Oslo, Norway. This represents an official nomination for the Nobel Peace Prize, and will be considered by the committee in the following months.

POL 295 Special Topics in Political Science 3 Credits
For non-seniors who engage in serious research in political science. Topic to be approved by instructor and department chairperson.

POL 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as HLS 300. Students may not get credit for both HLS 300 and POL 300.

POL 301 Civil Liberties in the U.S. 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as HLS 301. Students may not get credit for both HLS 301 and POL 301.

POL 302 Insurgency 3 Credits
The course explores the occurrence of insurgencies and civil wars. It examines the causes of such conflicts by focusing on the role of resources, state capacity, ethnic/religious differences and power in the initiation of violence. Students will learn how recruitment tactics and access to funding sustain guerrilla warfare. Lastly, the course will focus on conflict management by emphasizing specific tools for terminating and preventing intrastate conflicts including the impact of international interventions, counterinsurgency strategy of winning the hearts and minds, institutional design, and reconciliation.

POL 303 Global Justice 3 Credits
This course examines some of the most vexing problems in today's world of global interconnectedness. How can we harness the potential of global cooperation to solve problems that cross national borders? We will critically analyze the potential for human rights to protect vulnerable individuals, including victims of human trafficking. We will also evaluate the distribution of global resources and costs, including natural resources, extreme poverty and environmental degradation. What do we owe those who live in distant lands? Throughout we will ask how reality matches up to our best hopes for the present and future.

POL 304 Political Behavior: Fear, Risk and Crisis 3 Credits
The course focuses on various analytical approaches in behavioral political science. It does so by advancing students' knowledge of the cognitive aspects of whether citizens engage in various types of political behavior-e.g., voting/non-voting, the formation of political partisanship and ideology, issue perceptions, responding to risk and uncertainty in the political environment, and engaging in civic political participation. Note: This course is cross-listed as HLS 304. Students may not get credit for both POL 304 and HLS 304.

POL 305 Political Parties and Electoral Behavior 3 Credits
The structure, character, and functions of U.S. political parties and pressure groups, and their impact on public policy. Parties are analyzed within the broader scope of organizational theory and comparative party systems. Major emphases on their historical origins, their role in contemporary political life, and particular aspects of party politics--local organization, membership, campaigning and elections, policy-making roles, and leadership.

POL 306 American Political Film 3 Credits
This course analyzes the structure, history, and impact of the genre of political film. It begins with a discussion of how one distinguishes a political film from other forms of cinema. It then proposes insights into the manner in which these films evoke a particular time and place in politics, affect the viewer's interpretation of a political event or figure, and have an effect upon a viewer's political perceptions or behavior. The student will also learn to review films critically, both as political statements and as effective (or ineffective) conveyors of political messages.

POL 307 Political Communication 3 Credits
The meaning and uses of political communication are examined, the manner and forms such communication takes, and the history of political discourse. Major topics include the role of communication in elections and the development of public policy, how political communication strategies have changed with the rise of mass media, and the development of national and international publics for discourse.

POL 308 Capitalism and Inequality 3 Credits
This class is about market economies: how they are theorized, how they operate, and how they affect the humans who live and work within them. The first part of this course offers an overview of major modern theorists of capitalism (with selections chosen for a political science audience), including Smith, Veblen, Schumpeter and Keynes. These thinkers have made influential contributions to debates about the proper role of government in regulating and shaping economic relations and conditions. We then turn to contemporary theories of distributive justice, including libertarianism and egalitarianism. The second half of the course explores realities of socioeconomic inequality, the experience of poverty in the U.S., as well as the kinds of policies which might alleviate or resolve various dimensions of inequality and poverty. This course prepares students to evaluate public policies and articulate policy positions while attending to their economic and human costs.

POL 310 Political Psychology and Human Nature 3 Credits
The 2016 presidential campaign season saw a marked increase in partisanship, polarization, animosity and resentment among Americans, mirroring a worldwide trend toward "tribalistic" group identification at the expense of outsiders. Why can't we all just get along? What makes it so hard to sympathize with those who seem different or unfamiliar, and so easy to assume the worst about them? This course will bring together classic political theory, psychology and the social sciences, in order to help explain political beliefs and behaviors. We will begin by considering how classic political theory has conceptualized human nature, and the various implications for political life. We will then consider scientific perspectives: evolutionary anthropology, social psychology and cognitive neuroscience. We will examine the role of bias in cognition and politics and we will critically interrogate assumptions about rationality. We will also see that different psychological dispositions underlay conservatism and liberalism. Ultimately, this course will consider how these features of human cognition shed light on partisanship and polarization, racial bias, and policy preferences, including popular reception of science concerning vital issues such as climate change and the safety of GMOs. We will conclude with considerations of how a better understanding of psychology might propel us toward a more productive political discourse.

POL 311 Borders and the State 3 Credits
Borders have a prominent place in politics and human history. In the twentieth century, the best- known barriers were the militarized Maginot Line and the Iron Curtain. Today, the political popularity of borders persists but the nature and quality of these borders and the threats they were created to repel have changed. Modern borders are designed not to keep militaries out, but to deter a perceived invasion of "undesirables"— with terrorists and unwanted immigrants leading the list of state concerns. Nowhere is this more evident than along the geographic fault lines dividing rich and poor regions, e.g. the Mediterranean Sea and the U.S.-Mexican border region. This course will examine the dynamic interactions between the question of how to govern borders and the twenty-first century liberal state with its diluted sovereignty— due to immigration, trade and international laws and regimes.

POL 312 Congressional Politics 3 Credits
An intensive analysis of the legislative process in the United States, considering both the internal organization and operation of Congress, and Congress' role in the broader American political system. Fundamental issues include the theory and practice of representation; the committee system, seniority and expertise; executive and legislative interaction; and the politics of congressional reform.

POL 313 American Presidency 3 Credits
A description and analysis of the American presidency: its historical development, the internal organization, and ecological context. Basic issues include the intent of the framers of the Constitution, the historical accumulation of presidential powers, and institutional limits on presidential power (e.g., Congress and the bureaucracy).

POL 314 Congressional Power and National Security Policy 3 Credits
The purpose of this course is for students to identify, examine, analyze, and interpret the role of Congress in shaping national security policy with a particular emphasis on the institution's role in the Global War on Terror. Particular attention is paid to the role of the US government being able to balance individual rights and liberties within the national security state. Last, the course also takes an in-depth analysis of the U.S. Congress, looking comparatively at how legislatures in other nations have dealt with crafting their own security policies. The course will address the following questions: First, what is the role of Congress in national security policy, what does it do, and why? Second, what are the various ways of studying the relationship between the legislative and executive branches of government in the US system as it relates to the Global War on Terror? Note: This course is cross-listed as HLS 314. Students may not get credit for both HLS 314 and POL 314.

POL 315 Global Issues 3 Credits
Military, economic, demographic, and environmental threats to global security in the post-Cold War era. Forces of transnational integration vs. forces of intrastate fragmentation. Inadequacy of international law and organization to deal with these problems within the confines of the sovereign nation-state system.

POL 316 Presidential Power and National Security Policy 3 Credits
This course examines the development of the National Security State since the Second World War, and the ways in which it has affected, and been affected by, the Federal Executive. Topics to be covered will include the post-World War II redefinition of "national security", the Cold War (with a special focus upon war powers during Korea and Vietnam) and the changes that have occurred with the "War on Terror." Note: This course is cross-listed as HLS 316. Students may not get credit for both POL 316 and HLS 316.

POL 317 Model United Nations 3 Credits
Model United Nations (POL 317) is the course that prepares Rider University's award-winning Model United Nations (MUN) team for the annual National MUN competition in New York City. The team has brought home top awards for the past decade and continuously strives for excellence. POL 317 is a student-led course that hones writing, public-speaking and researching skills of student-delegates and it represents student engagement at the highest level. Chosen through a rigorous selection process in the fall semester, the student-delegates write position papers during the winter break, and develop caucusing, team-working, and presentation skills in class during the spring semester. During the past five decades, Rider University's MUN team has represented more than 50 countries, and competed with thousands of delegates from national and international universities. It is one of the premier engaged learning and cohort-building institutions on campus.

POL 318 Conflict Resolution 3 Credits
How do you craft a peace deal in a war-ravaged environment? Can negotiations with rogue regimes succeed and prevent the onset of conflict? With massive casualties, and unspeakable human rights abuses, conflicts continue to present a challenge to people around the globe. In this course, we will explore the dynamics of conflict management designed to keep countries from waging violence against each other. Our focus is both on ending existing violent conflicts and on preventing escalation of tensions. We will explore the impact of mediators and external interventions by international organizations or individual countries on conflict management. We will also examine the role of the International Court of Justice in resolving disputes when direct negotiations fail to succeed. Finally, we will study existing peacebuilding efforts designed to improve relations among victims and killers in post-conflict environment. Insights from theory on commitment problems will help us understand why peace is more vulnerable in domestic than in international conflicts. Throughout the semester, we will rely on various case illustrations from international and domestic conflicts, and participate in a simulation activity that will allow us to assume the roles of negotiators in disputes.

POL 319 Terrorism, Revolutions and Political Violence 3 Credits
Revolutions are the mad inspiration of history. Trotsky's characterization calls attention to three important dimensions of violent political participation: the historical settings, ideology, and emotional fervor of the practitioners. The course focuses on these dimensions by analyzing revolutionary and terrorist movements in the 20th century. Special attention is given to the use of violence in the post-Cold War new world disorder.

POL 320 Politics of the Middle East 3 Credits
The course emphasizes the relationships between social and political structures, the role of religion, and the problems of modernization in the Middle East. Similarities and contrasts will be drawn between the Arab and non-Arab countries of the Middle East. The political systems of Egypt, Syria, Israel and Saudi Arabia are examined in terms of political culture, structure, and political processes.

POL 321 International Law 3 Credits
This course covers the basic doctrines of international law and their relationship to the contemporary international community. These include the jurisprudence of international law; the history of the international legal system; customary international law; Treaty law; sovereignty, statehood and recognition; jurisdiction and immunities; the role of international organizations; international criminal responsibility; and the relationship of the international legal system to the U.S. domestic legal system. The objectives of international law are to foster the peaceful settlement of disputes; facilitate transnational communication and commerce; encourage respect for human rights; as well as to preserve the environment.

POL 322 African Politics 3 Credits
Africa is in a process of transition, a continent of growing strategic importance to the U.S. and a land with considerable variation in political and economic success. The course is an introduction to the politics of sub-Saharan Africa. To understand the continent's current challenges, the course examines the legacies of colonial rule, including colonial mark on the politics of ethnicity; focuses on the rise of authoritarianism in Africa in the 1970s and 1980s; examines the success and failure of democratization that is transforming the continent today; embarks on the quest to understand the continent's struggle with poverty and debt. Lastly, the course explores some of the biggest obstacle to Africa's stability, including state collapse, wars, corruption, while contemplating the future that lies ahead.

POL 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens' behavior. Note: This course is cross-listed as HLS 325. Students may not get credit for both HLS 325 and POL 325.

POL 326 Power in American Politics 3 Credits
Examines various explanations of who has power in American politics. Explores the roles of appointed and elected officials, business and interest groups, the media, and the general public in shaping public policy. Special attention to political change, including the impact of broad social movements on the responsiveness of the political system.

POL 327 Contemporary Issues in American Public Policy 3 Credits
An in-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 329 Comparative Environmental Policy 3 Credits
Comparative Environmental Policy analyzes cross-national approaches in developing, implementing, and evaluating policy responses to environmental problems. The course analyzes the political factors, actors, and tools that help and explain why some societies have been more likely to develop effective responses to environmental threats.

POL 330 Geopolitics of Energy 3 Credits
Geopolitics of Energy Security explores the role of energy in shaping global politics, natural resource management practices and volatility in economic markets. The course begins with an overview of energy security and explores issues associated with energy production, national security, energy consumption, and environmental conservation. Throughout the course students will become familiar with basic data, trends, issues and options in the exploration and production of renewable and non-renewable energy sources.

POL 331 Political Corruptions 3 Credits
This course will introduce students to one of the central political issues in the USA as well as abroad: corruption. Whereas this was considered in earlier days as ' temporary malady' of third world systems, today it is considered a pervasive phenomenon in democratic systems as well . As such it acquired widespread scholarly as well as public attention in established democracies such as the USA (at least since the elections of 2016). The course will utilize a range of approaches to examine the meaning of corruption, the link between what the law defines as corruption and what is understood by the term by broad publics, the interaction between both conceptions and system legitimacy, and the methods by which corruption may be contained.

POL 335 Urban Politics 3 Credits
Political structure and administration of municipalities in the United States. Emphasis on challenges posed by suburbanization, global and regional shifts in business, economic dislocation, housing, mass transportation, race relations, and policing.

POL 340 Modern Democracy and Its Critics 3 Credits
The course examines the fundamental assumptions underlying modern democratic theories and the main theoretical attacks launched against them. Among the contending theories to be discussed are right and left-wing anarchism, the old and the new left, fascism, intellectual elitism, and techno-conservatism.

POL 342 Contemporary Political Theory: Freedom and Authority 3 Credits
Concepts of freedom and authority in 19th and 20th-century political theory. Emphasis on such important thinkers as Nietzsche, Freud, Sartre, Camus, and Marcuse.

POL 343 American Political Thought 3 Credits
The philosophical background and moral principles of American political society: liberty, equality, natural law and natural right; constitutionalism and nation-building. The development of the ideologies of liberalism, conservatism, and libertinism are also covered.

POL 345 Ancient Political Theory: Justice 3 Credits
The existence of society over time requires high degree of predictability and hence laws, whether explicit or implicit. These derive their capacity to regulate life from the widespread notion that they are proper and that they should be obeyed. In a word, they accord to our notions of justice. These, however, are not stable. Resting on the understandings of man, society, nature and the relations between them, they develop under the impact of human thought and changing realities. The result is what can be compared to a layered cake. This course treats some of the main contributions made by philosophers from Plato to Rawls to our concept of justice and the manner by which they have shaped our concepts of justice in the US and West in general. Cases in which courts (mainly the US Supreme Court) made use and applied the thinking of earlier philosophies of justice will illustrate the process by which we adjust the boundaries between legality and criminality and determine how we should behave towards each other.

POL 346 The Politics and Ethics of Emergencies 3 Credits
This course examines historic and present day cases, ranging across Europe and the US, in which liberal democratic governments, under stress because of subversion, sabotage, invasion, rebellion, or the effects of economically caused chaos, take on emergency powers to become so-called "states of exception." While in some cases such states have imposed mild and limited emergency measures, others have employed more draconian measures, suspending, if not dissolving, constitutionally guaranteed civil liberties, often for indeterminate and protracted periods. How various states have behaved in emergency situations will be the major content of this course. Note: This course is cross-listed as HLS 346. Students may not get credit for both HLS 346 and POL 346.

POL 350 U.S. Foreign Policy and Security Policy 3 Credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation's military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold World War. Note: This course is cross-listed as HLS 350. Students may get credit for only one.

POL 351 Critical Views of Global Security 3 Credits
This course will examine the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspective on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survial, to societal security, to unit level-variables such as Human Security. Note: This course is cross-listed as HLS 351. Students may not get credit for both HLS 351 and POL 351.

POL 361 Courts, Judges and Politics 3 Credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges. Note: This course is cross-listed as HLS 361. Students may not get credit for both POL 361 and HLS 361.

POL 363 Human Rights in Global Context 3 Credits
Human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as HLS 363. Students may not get credit for both HLS 363 and POL 363.

POL 365 Politics of the Developing World 3 Credits
Studies the major political issues of the so-called "developing" world. Particular reference to political systems of Africa, Asia, Latin America, and the Middle East according to the relevance of the examples to large conceptual issues, and according to the major interests of the instructor. Typical issues include neocolonial dependency, the role of the state in newly developed countries, military rule and democratization.

POL 367 Global Immigration 3 Credits
This course analyzes mass migrations and refugee movements and what they mean for the stability of nations, the increasing potential of severe culture clashes within societies, and the root causes of (forced) migration movements, such as problems of violence, terror and genocide, as recently seen in Darfur, Rwanda and Bosnia. In certain European countries the frequently failed integration and assimilation policies resulted in an Islamic alienation; terrorist attacks and race riots are some of the consequences. Particular attention will be given to the conflict between the refugees' and migrants' needs that result from violent, socio-economic or ecological catastrophes in the countries of origin and the various forms of reception within the host countries. Students will explore theoretical, political, legal, and socio-economic dimensions of the refugee and immigration phenomena in a global world. Other themes will include international human rights and refugee laws, theories of immigration, for example, the feminization of migration, as well as problems of acculturation, assimilation and integration in different host societies.

POL 368 International Organizations 3 Credits
This course introduces students to the study of international organizations. The course examines mostly formal and governmental institutions as well as informal institutions or regimes. Topics to be covered include and are not limited to: the establishment of international organizations, evolvement of international organizations, structure of international organizations, decision-making of international organizations and influence of international organizations. This course employs both theoretical and practical approaches in its examination of international organizations.

POL 371 The Arab-Israeli Conflict 3 Credits
The course will begin by introducing the main players: the neo-patrimonial Arab regimes on the one hand, and the democratic, economically modern Jewish sector in Palestine on the other. The analysis will focus on the impact of the social, economic, political and religious differences between the sides on their conception of the conflict among the participants and powers outside the region. The course will concurrently examine the impacts of the dynamics of the conflict itself, relations within Islam on the one hand and between Islam and the West on the other. The latter part of the course will consider the sources of perceptual shift that led simultaneously to the narrowing of the conflict with the withdrawal of some of its participants (most Arab states) and its widening with the addition of Al Queada and Iran (via Hezbullah).

POL 399 The Co-operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. IND 398 and (dept.) 399 combined cannot exceed 15 credits. Pass/fail. Prerequisite(s): junior standing and 2.75 GPA at the time of registration.
Corequisite(s): IND 398 The Co-operative Experience Seminar.

POL 450 Seminar in Political Science 3 Credits
A multidimensional framework within which to integrate the variety of perspectives and methodologies extant in the field of political science. Topics for discussion and analysis may range from broad concepts of political discourse such as power and interdependence to specific political issues such as executive-legislative relations and judicial policymaking.

POL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

POL 491 Internship in Political Science 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of fieldwork per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

POL 499 Senior Honors Thesis 3-6 Credits
Majors having completed the department's core requirements and having a minimum GPA of 3.5 in political science courses may apply for honors in their sixth semester. Applicants enroll in POL 490 Independent Research and Study in their seventh semester to develop and submit a thesis proposal to the department. With departmental approval, applicants prepare an honors thesis in their last semester. Upon acceptance of the thesis by the department, the student will be graduated with honors in political science.

Popular Music Studies Minor

Overview

The Popular Music Studies minor provides students with a strong grounding in the history of popular music with a focus on the US and UK.
Students in the minor will study not only the history of rock, pop, jazz,

and other genres but also the social and political contexts that shaped the sound of the music over time. The minor blends survey courses with seminar-style deep dives into some of the most influential musicians of the last century, from the Beatles to Radiohead to Bruce Springsteen.

Degree Offered

- Minor in Popular Music Studies

Contact

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Program Website: Popular Music Studies (http://www.rider.edu/academics/colleges-schools/westminster-college-of-the-arts/school-of-fine-performing-arts/undergraduate-programs/popular-music-culture/)

Associated Department: Performing Arts

Related Programs:

- Arts and Entertainment Industries Management (p. 39)
- Music Studies (p. 423)

Popular Music Studies Minor Requirements

(18 credits)

Code	Title	Credits
Required Courses		**12**
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 213	Digital Composition of Popular Music	
MUS 313	Digital Synthesis	
Electives		**6**
Select at least one of the following:		
MUS 113 & 113L	Popular Music Theory I and Popular Music Theory Lab I	
MUS 114 & 114L	Popular Music Theory II and Popular Music Theory Lab II	
MUS 220	Songwriting	
MUS 221	Popular Music Arranging	
MUS 316	Digital Mixing and Mastering	
Select no more than one of the following:		
MUS 304	Music of the Beatles	
MUS 307	The Music of Radiohead	
MUS 308	World Music	
MUS 311	Unpacking Bruce Springsteen	
Total Credits		**18**

Courses and Descriptions

MUS 106 Survey of Music History II 3 Credits
A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 204 Jazz History 3 Credits
Survey from 19th C. roots to 21st C. styles. Development of listening skills and overview of musical skills used by jazz performers. Exploration of the relationship between jazz and poetry, race relations, and the reputation of jazz in popular culture.
Prerequisite(s): CMP 120 or CMP 125.

MUS 205 History of Pop and Rock Part I 3 Credits
This course charts the history of popular music from its origins until the 1960s. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music from its roots in the blues, early jazz, ragtime and military band marches to the music of Elvis, Chuck Berry, Little Richard, Buddy Holly, the Rolling Stones and the Beatles. We look at the recording industry and the advent of he gramophone record and the important role of radio and television in expanding the reach of popular music directly into the home, creating a vibrant soundtrack for peoples lives.

MUS 206 History of Pop and Rock Part 2 3 Credits
Description: This course charts the history of popular music from the 1960s to todays. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music through Acid Rock, Progressive (Prog) Rock, Hard Rock, Singer-Songwriters, Disco, Reggae, Funk, Punk, Heavy Metal, New Wave, Grunge, Electronica and Rap & Hip-Hop. We look at the development of analog and digital media and how new forms of delivery of product shapes the business model of the industry and beyond.

MUS 208 Music of the Theater 3 Credits
A study of music drama both historical and contemporary covering European opera of the Baroque, classical and romantic periods, and the American musical theatre, especially the contemporary Broadway musical.

MUS 209 Great Composers 3 Credits
A study of selected major composers life, works, and historical significance with an emphasis on the listening experience. Bach, Mozart, Beethoven, Tchaikovsky, Stravinsky, or others.

MUS 212 Cartoon and Anime Culture 3 Credits
This course investigates the music and culture of animated films and television shows, anime, animated shorts including cartoons, and related incidental music for documentary films.

MUS 214 Writing about Music 3 Credits
This course instructs students in the art of writing about music, from small-form criticism to large scale scholarship, focusing especially on the ability to translate what one hears into engaging prose.
Prerequisite(s): CMP 120 and 125, MUS 110, 110L, and MUS 213.

MUS 215 Music & Technology in a Mobile Society 3 Credits
This course compares the recent history of music technology to past innovations, focusing on the aesthetic implications and ideological influences of an increasingly mobilized musical milieu.

MUS 218 Postmodernism & Popular Culture 3 Credits
This course considers music in light of the ideological trends of postmodernism in order to better understand contemporary music in its cultural context.

MUS 300 Beethoven and the Romantic Age 3 Credits
A study of the Romantic period with particular emphasis on Beethoven. The classical heritage, the transformation of that heritage into romantic terms, the prominent influence of Beethoven on 19th century musical style.

MUS 304 Music of the Beatles 3 Credits
This course is a very in-depth analysis of the music and personalities of the Beatles. The student will gain in depth insight to the Beatles songs and albums as the course proceeds through the music chronologically. This will be contextualized historically and sociologically where required.

MUS 306 Contemp Music Experience 3 Credits
A survey of European and American musical styles of the late 19th and 20th centuries. Topics include postromantic music, neoclassicism, serialism, electronic music, and the current avant garde.

MUS 307 The Music of Radiohead 3 Credits
This course investigates the music, lyrics, art and marketing strategies of the British so called "alternative" band, Radiohead, moving song by song through their demos, videos and albums.

MUS 308 World Music 3 Credits
To understand world music as a means of appreciating and respecting our common inheritance as humans. To better understand in what ways music is a 'language' and how this functions within 'community' including aspect of ritual, celebration, religion and spirituality. The student will be expected to be able to discern between various genres of world music understanding the wider cultural context including, but not limited to, popular music within that same culture.

MUS 309 Film Music 3 Credits
A study of music in feature film, documentary film, and television. A chronological survey of film music from silent to contemporary film, animated shorts, and television, with emphasis on listening to recorded performance of representative works.

MUS 310 The Film Music of Stanley Kubrick 3 Credits
This course is an in-depth study of the way in which music impacts society through the art of film. Focusing on the films of Stanley Kubrick (e.g. The Shining; 2001: A Space Odyssey; A Clockwork Orange; Full Metal Jacket; Eyes Wide Shut; Dr. Strangelove; Lolita) we will study a variety of strategies within which music integrates, counterpoints or ironically resists themes such as war, sex, politics, religion, gender etc. Also we will observe how music interacts with other aesthetics in film such as light, camera methods, 1. diegetic/source, 2. non-diegetic/underscore and 3. metadiegetic (i.e. 1. music in the film; 2. music only the audience can hear; 3. music that seems to be coming from the mind of a character in the film) method as part of the narrative itself. In this way we will investigate the way film both integrates aspects of society and also radiates messages, indeed challenges, to society, both as a mirror but also didactically—with the direct intent of creating change.

MUS 311 Unpacking Bruce Springsteen 3 Credits
This course will survey the music of Bruce Springsteen. It will 'unpack' Springsteen's musical development not only across his official career (i.e. from signing with Columbia for his first album 'Greetings from Asbury Park, New Jersey' in 1973 to the present) but also from his childhood through his youth in Freehold, NJ. By closely studying Springsteen's life, music and lyrics as well as the themes of each album the student will become an expert in understanding how The Boss was able to universalize the Jersey Shore as well as his personal concerns into vital musical messages of great value and import today. This will also involve looking at music as varied as The British Invasion (i.e. The Beatles, The Animals & the Rolling Stones et al); Motown; Country; Soul; Folk; Rock and the American Songbook.

MUS 315 Black Music in America 3 Credits
This course covers the history of music made by and/or about African Americans, from minstrel shows to hip hop and everything in between.

MUS 495 Selected Topics in Music 3 Credits
Studies specialized aspects of the literature, history, or theory of music, to supplement the established curriculum. Emphasis on creative investigative work and individual experiences in music.

Psychology

Program Overview

The psychology major is designed to meet the needs of various types of students and to develop a broad understanding of the many topic areas within the field of psychology.

The program is committed to helping students understand and appreciate both the scientific foundations and human service aspects of the field of psychology; develop and apply oral, written, analytical and critical-thinking skills applied to psychological issues, questions and problems; understand issues in contemporary psychology and recognize and apply psychological knowledge in order to provide solutions to real world problems and develop both interpersonal and intrapersonal knowledge through academic experiences and extra-curricular activities.

The program is designed to foster self-awareness and personal growth, the development of leadership skills and a respect and understanding for human development and human diversity.

More information is available on the Department's website: Department of Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/psychology-ba/)

Curriculum Overview

The curriculum develops the fundamental skills that predict success in the profession of psychology, human services, corporate jobs, education and graduate school. Classes stress the development of writing skills, both technical report writing and literature research papers and provide a range of instruction on the statistical data analysis, online control of laboratory experiments, text processing and presentation software. In fieldwork placements, students gain work experience in a variety of human services programs within the community.

Members of the psychology faculty encourage students to become involved in research projects. Many Rider psychology seniors bound for graduate school receive offers of substantial financial aid in the form of assistantships and tuition waivers. These offers are made because our majors carry out research of high quality. Students have coauthored

journal publications with the faculty and presented papers at regional and national conferences. Laboratories are always open for students and faculty supervision is always available.

Student Learning Outcomes

1. **Theory:** Students will demonstrate knowledge of major concepts, theoretical perspectives, and empirical findings within psychology. Students will learn to apply the knowledge for solving real-world problems through participation in internships, community-based research, and/or leadership opportunities.
2. **Research:** Students will learn how to plan, conduct, and critically evaluate psychological research that promotes understanding of human behavior, diversity, and individual differences. Students will demonstrate the ability to communicate scientific concepts and results in written and oral form.
3. **Practice:** Students will develop interpersonal and intrapersonal knowledge that fosters self-awareness and personal growth, the development of leadership skills, and a respect and understanding of human diversity. Students will apply psychological content and skills to promote attainment of post-graduation goals.

Honors Program in Psychology

A student may receive honors in psychology by fulfilling the following conditions beyond the basic requirements for the psychology major: complete one Independent Research and Study project (490); earn a cumulative average of 3.25 and an average of 3.5 in psychology at the time of graduation.

Degrees Offered

- B.A. in Psychology
- Minor in Psychology

Contact

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Program Website: Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/undergraduate/psychology-ba/)

Associated Department: Department of Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departmentss/psychology/)

Related Programs

- Organizational Psychology (p. 436)
- Behavioral Neuroscience (p. 49)

Requirements for the Major

(50 credits)

Note: A grade of "C" or better is required in each Psychology course in order for the course to be counted toward the major.

Code	Title	Credits
Required Psychology Courses		**13**
The following four courses must be completed by all majors. The first three must be completed in the sequence they are listed:		
PSY 100	Introduction to Psychology	
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	
PSY 201	Statistics and Research Design	
PSY 292	Professional Development in Psychology	
Research Methods Course Requirement:		**4**
Select one of the following courses including the lab section. You must have already completed PSY 201.		
PSY 302/PSY 302L	Research Methods: Cognition	
PSY 303/PSY 303L	Research Methods: Social Psychology	
PSY 306/ PSY306L	Research Methods: Sensation & Perception	
PSY 329/PSY 329L	Research Methods in Organizational Psychology	
PSY 335/PSY 335L	Research Methods: Human Cognitive Neuroscience	
PSY 336/PSY 336L	Research Methods: Animal Learning & Behavior	
PSY 339/PSY 339L	Research Methods in Applied Behavior Analysis	
PSY 340/PSY 340L	Research Methods: Group Dynamics	
PSY 349/PSY 349L	Research Methods - Health Psychology	
PSY 350/PSY 350L	Research Methods: Developmental Psychology	
Pillars of Psychology - Lower-Level		
Select one course from each area: Students who choose to take a BHP course to fulfill a lower level pillar (i.e., BHP 212 or BHP 252) may only use ONE BHP course to satisfy ONE of the lower level pillar requirements.		
Biological Foundations of Psychology		**3**
PSY 238	Sensation and Perception	
PSY 255	Biopsychology	
Cognitive and Behavioral Psychology		**3**
PSY 225	Learning Theory	
PSY 226	Cognitive Psychology	
BHP 252	Creativity and Design Thinking	
Developmental Psychology		**3**
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
BHP 212	Children and the Media	
Mental and Behavioral Health		**3**
PSY 220	Psychological Disorders	
PSY 245	Stress, Health and Coping	
Social and Personality		**3**
PSY 215	Personality	
PSY 240	Social Psychology	

Upper-level Requirements	Students who choose to take a BHP course to fulfill an upper level requirement or the Diversity Requirement (i.e., BHP 253, 302, 340, or 360) may only use ONE BHP course to satisfy ONE of the upper level requirements OR the Diversity Requirement.	12
	Students must complete all Lower-Level Pillar Requirements above before moving to the Depth requirements below.	
Select four courses:		
PSY 305	Theories of Psychotherapy	
PSY 310	Introductory Counseling Skills	
PSY 315	Psychological Tests	
PSY 320	History of Psychology	
PSY 324	Play and Imagination	
PSY 325	Cognitive Development	
PSY 330	Developmental Disabilities	
PSY 333	Autism Spectrum Disorder	
PSY 334	Disabilities Across Cultures	
PSY 345	Health Psychology	
PSY 360	Psychology of Peace & Conflict	
PSY 365	Drugs and Human Behavior	
PSY 367	Creativity and Innovation	
PSY 372	States of Consciousness	
PSY 373	Cyberpsychology	
PSY 374	Psychology of the Family	
PSY 375	Psychology and Film	
PSY 377	Developmental Psychopathology	
PSY 379	Psychology and Law	
PSY 381	Psychology of Gender	
PSY 382	Aging, Brain, and Cognition	
PSY 383	Psychology and Culture	
PSY 384	Positive Psychology	
PSY 385	Death, Dying and Suicide	
PSY 386	Introduction to Child Life: Working with Children and Families in Healthcare Settings	
PSY 388	Learning and the Experimental Analysis of Behavior	
PSY 389	Professional Issues in ABA	
PSY 395	Special Topics in Psychology	
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology	
BHP 340	Nature and Nurture	
BHP 360	Moral Psychology	
Diversity Requirement:		**3**
	Prerequisite: At least 55 credits or all lower-level Pillars are completed	
PSY 333	Autism Spectrum Disorder	
PSY 334	Disabilities Across Cultures	
PSY 374	Psychology of the Family	
PSY 381	Psychology of Gender	
PSY 383	Psychology and Culture	
BHP 253	A Cross-Cultural Comparison of Play	
Capstone Requirement:		**3**
	Select one of the following options. You must have completed 90 credits for the course to count as a capstone experience. [2]	
PSY 400	Senior Seminar	
PSY 490	Independent Study: Research and Creative Expression	
PSY 491	Internship in Psychology (Note: 105-139 hours = 3 credits, 140+ hours = 4 credits)	
Electives		
	Lower-level courses not included in the pillars. These courses do not count toward the major, but do count as elective credits for graduation.	
PSY 118	Psychology of Women	
PSY 210	Organizational Psychology	
PSY 212	Introduction to Applied Behavior Analysis	
PSY 237	Cognitive Disabilities	
PSY 250	Psychology of Aging	
PSY 283	Sport Psychology	
PSY 295	Directed Study in Psychology	
Total Credits		**50**

[1]

Courses may count only once to satisfy the Departmental Requirement of 12 credits.

[2]

Students must have Senior status in order to select a Capstone course.

Psychology Minor Requirements

(18-22 credits)

Code	Title	Credits
Required Course		**3**
PSY 100	Introduction to Psychology	
Lower Division (Select two of the following courses)		**6-7**
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	
PSY 118	Psychology of Women	
PSY 201	Statistics and Research Design	
PSY 210	Organizational Psychology	
PSY 212	Introduction to Applied Behavior Analysis	
PSY 215	Personality	
PSY 220	Psychological Disorders	
PSY 225	Learning Theory	
PSY 226	Cognitive Psychology	
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
PSY 237	Cognitive Disabilities	
PSY 238	Sensation and Perception	
PSY 240	Social Psychology	
PSY 250	Psychology of Aging	
PSY 255	Biopsychology	
PSY 283	Sport Psychology	
PSY 295	Directed Study in Psychology	
PSY 299	Field Placement in Applied Behavior Analysis	
Upper Division (Select three of the following courses)		**9-12**
PSY 302 & 302L	Research Methods: Cognition and Research Methods: Cognition Lab (4 CR)	

PSY 303 & 303L	Research Methods: Social Psychology and Research Methods: Social Psychology Lab (4 CR)
PSY 305	Theories of Psychotherapy
PSY 306 & 306L	Research Methods: Sensation & Perception and Sensation & Perception Lab (4 CR)
PSY 315	Psychological Tests
PSY 320	History of Psychology
PSY 324	Play and Imagination
PSY 325	Cognitive Development
PSY 329 & 329L	Research Methods in Organizational Psychology and Research Methods in Organizational Psychology (4 CR)
PSY 330	Developmental Disabilities
PSY 333	Autism Spectrum Disorder
PSY 334	Disabilities Across Cultures
PSY 335 & 335L	Research Methods: Human Cognitive Neuroscience and Research Methods: Human Cognitive Neuroscience Lab (with4 CR)
PSY 336 & 336L	Research Methods: Animal Learning & Behavior and Animal Learning and Behavior Lab (4 CR)
PSY 339 & 339L	Research Methods in Applied Behavior Analysis and Research Methods in ABA Lab (4 CR)
PSY 340 & 340L	Research Methods: Group Dynamics and Group Dynamics Lab (4 CR)
PSY 345	Health Psychology
PSY 350 & 350L	Research Methods: Developmental Psychology and Developmental Psychology Lab (4 CR)
PSY 360	Psychology of Peace & Conflict
PSY 365	Drugs and Human Behavior
PSY 367	Creativity and Innovation
PSY 372	States of Consciousness
PSY 373	Cyberpsychology
PSY 374	Psychology of the Family
PSY 375	Psychology and Film
PSY 377	Developmental Psychopathology
PSY 379	Psychology and Law
PSY 381	Psychology of Gender
PSY 382	Aging, Brain, and Cognition
PSY 383	Psychology and Culture
PSY 384	Positive Psychology
PSY 385	Death, Dying and Suicide
PSY 388	Learning and the Experimental Analysis of Behavior
PSY 389	Professional Issues in ABA
Total Credits	**18-22**

Accelerated Program in Applied Psychology

The Accelerated Program in Applied Psychology, Applied Behavior Analysis concentration, is designed for students who wish to combine undergraduate study in psychology leading to a Bachelor's of Arts degree with graduate study leading to a Masters of Arts in Applied Psychology.

The admission process for this program ensures that only capable students are enrolled. Freshman students are encouraged to seek advice about the program from their advisor and the program coordinator.

The following courses must be completed if the student intends to apply to the program: PSY 212 Introduction to Applied Behavior Analysis and PSY 299 Field Placement in Applied Behavior Analysis. PSY 299 is intended to assist the student in determining if the program is a good match for them. The additional undergraduate courses in Applied Behavior Analysis (PSY 339 Research Methods in Applied Behavior Analysis & Lab, PSY 388 Learning & The Experimental Analysis of Behavior, and PSY 389 Professional Issues in Applied Behavior Analysis) may be taken following application to the graduate program but must be completed prior to completion of the undergraduate program requirements. During the first semester of the junior year, the student will formally apply to the Applied Psychology program through the Graduate Admissions Office. The process involves the following:

- A completed application form for admission to the Applied Psychology program, accompanied by a $50 nonrefundable application fee;
- Receipt of official transcripts from every college or university attended (including Rider University);
- A statement of objectives prepared by the student that presents the student's reasons for wanting to enter the Applied Psychology program;
- An interview with faculty from the Applied Psychology program; and
- Completion of PSY 212 and PSY 299 (prior to application).
- Completion of PSY 339 & PSY 339L, PSY 388, and PSY 389 (prior to completion of the requirements for the degree in psychology)

Students accepted into the Applied Psychology program at the end of their junior year will complete one graduate-level elective course during each semester of their senior year.

Students will be awarded the BA degree when they complete the requirements for that degree in psychology. The MA will be awarded upon completion of the Applied Psychology requirements.

4 Year Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
PSY 100	Introduction to Psychology	3
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language I [1]		3
	Semester Credit Hours	**15**
Spring Semester		
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	4

200 Level Psychology Developmental Pillar (PSY230 or PSY231)		3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Foreign Language II		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
PSY 201	Statistics and Research Design	3
200 Level Psychology Biological Foundations Pillar (PSY238 or PSY255)		3
Aesthetic Perspectives: Literature		3
Social Perspectives (1 of 2)		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
300 Level Psychology Research Method w Lab		4
200 Level Psychology Cognition Pillar (PSY225 or PSY226)		3
200 Level Psychology Social & Personality Pillar (PSY215 or PSY240)		3
PSY 292	Professional Development in Psychology	3
Social Perspectives (2 of 2)		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
200 Level Psychology Mental & Behavioral Health Pillar (PSY220 or PSY245)		3
Psychology 300 Level Pillar Depth Course 1		3
Aesthetics Perspectives: Fine Arts		3
Scientific Perspectives 2 (unless 1st course included a lab)		3
Philosophical Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
Psychology 300 Level Pillar Depth Course 2		3
Psychology 300 Level Pillar Depth Course 3		3
Global Perspectives Course		3
COM 104	Speech Communication	3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Senior Level Requirement - one of the following:		**3**
PSY 400	Senior Seminar	
PSY 490	Independent Study: Research and Creative Expression	
PSY 491	Internship in Psychology	
Psychology 300 Level Pillar Depth Course [2]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Spring Semester		
Psychology 300 Level Diversity Requirement		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**122**

1

For course placement information please visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 102 Explorations in Psychology Honors 3 Credits
The course introduces the history of psychology, and demonstrates how the discipline is a science. It provides students with experience exploring the mind, behavior, and the relationship between the two, from multiple perspectives, including biological, behavioral, cognitive, developmental, humanistic, social, and abnormal. It tackles questions including (but not limited to) how different areas of the brain are involved in behavior and are affected by injury, how humans sense and perceive the world, how states of consciousness differ from one another, how humans learn, remember, communicate, and develop, what motivates humans to behave in particular ways, how social groups affect behavior and decision-making, and what happens when behavior and emotions deviate from what is typical.

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 105L Introduction to Research Methods Lab 0 Credits
This lab is a co-requisite and must be taken concurrently with PSY 105.
Prerequisite(s) PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 110 Psychology:The Science of Well-being 3 Credits
This course uses theory and methods of psychology to examine the question: How to make a good life? Students will learn how psychology examines the ways that motivation, intellect, relationships, self-respect and a healthy lifestyle contribute to happiness, well-being, and flourishing. Students will learn how psychology examines human nature through observation and experimentation. Students will understand how psychology applies research to improve human well-being. Students will leave the course with a better understanding of themselves and their connection to others, and apply their self-knowledge to their personal goals and relationships. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 117 Psychology of Creativity 3 Credits
Is creativity reserved only for geniuses, or can ordinary individuals also be creative? Is it domain-specific or domain-general? How do we measure it? What is the connection between creativity and innovation? Can you and I become more creative, and if so, what factors influence creative thinking? This course surveys the modern theories of creativity and problem solving from a psychological perspective, and their applications to real-world challenges. Specific topics will focus on convergent and divergent thinking, the role of constraints, change, and motivation in creativity, social and personality factors, techniques such as brainstorming, design thinking, and creative problem solving, and innovation in organizations. You will apply what you have learned in hands-on activities that challenge you to propose creative solutions to real-world problems.

PSY 118 Psychology of Women 3 Credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

PSY 131 The Science of Mental Illness 3 Credits
The Science of Mental Illness explores the biological bases of mental health and mental illness, focusing on anxiety, mood disorders, schizophrenia, and Alzheimer's Disease. Students will examine the neural networks of these conditions, common psychiatric medications for treating them, studies of the long-term efficacy and effects of using psychiatric medications, and the psychological and biological capacities for improving mental health. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of "C" in PSY 105.

PSY 210 Organizational Psychology 3 Credits
Focuses on issues related to human behavior in work settings. Topics include personnel issues such as hiring and promotion decisions, performance appraisals, and methods of on-the-job training. Issues of job satisfaction, motivation, productivity, and effective leadership styles are also examined. Finally, organizational structure as it relates to communication within organizations will be examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 212 Introduction to Applied Behavior Analysis 3 Credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 215 Personality 3 Credits
A synthesis of the most recent research in the field of personality development. Topics include interplay of biological, cultural, and subjective personal processes; analysis of the broad trends in personality theories; and introduction to personality measurement.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 225 Learning Theory 3 Credits
This course provides students with a broad coverage of the fields of learning, memory, and cognition, while addressing their relevance and impact on human behavior. Various psychological perspectives used to understand learning, such as associationist, selectionist, and cognitivist, will be discussed, compared, and contrasted. Topics range from classical and operant conditioning to memory, concept learning, thinking, and problem solving.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 226 Cognitive Psychology 3 Credits
The study of the mind has been the focus of psychology since its inception in the 19th century. Today, the majority of psychological research focuses on the cognitive system and its biological basis. This course will provide an overview of knowledge regarding the components of the human cognitive system (e.g., attention, memory, executive processes) and how they form the basis for higher-order cognitive skills (e.g., language and decision making). The course will provide a history of the field and the methodologies that have been and are currently being used to study the human mind. Each section of the course will include an overview of basic and applied research to demonstrate how knowledge of the cognitive system can be used to enhance human functioning in applied settings and better understand human limitations and tendencies to commit certain types of errors.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 230 Child Development 3 Credits
Presents theory and research on the social, emotional and cognitive development of children birth to age 12.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 231 Youth and Adolescent Development 3 Credits
Presents theories, research and problems concerning development in youth and adolescence.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 237 Cognitive Disabilities 3 Credits
Investigates various types of intellectual differences, focusing on etiology, methods of diagnosis, programs and services available to individuals and families. Considers problems relating to adjustment in academic, social, and vocational areas.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 238 Sensation and Perception 3 Credits
The facts and theories of sensation and perception, their role in the total psychology of the individual, and current application are examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 240 Social Psychology 3 Credits
Deals with the scientific study of human beings in social situations, focusing on reciprocal influence of the individual and the group, especially aspects of behavior that are socially determined. The nature of attitudes: their development and change; the nature of social influence; interpersonal perception and attraction; dynamics of social behavior; and social phenomena, such as prejudice and social movements, are covered.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 245 Stress, Health and Coping 3 Credits
This course will examine physical and psychological effects of stress including a discussion of the nervous system, and the various models of the stress/illness relationship such as General Adaptation, Cognitive Appraisal and Diathesis-Stress. Various ways of coping with/responding to stress will be considered along with the influence of personality and sociodemographic factors on differences in both the experience of stress and on coping mechanisms will be considered. Finally, this course will consider issues in the measurement of stress and coping as well as some of the noteworthy findings and methodological aspects of stress research.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 250 Psychology of Aging 3 Credits
This survey course focuses on basic psychological issues in the aging process and in the elderly. It examines myths and stereotypes about aging and the elderly by way of research evidence pertaining to physical, psychological, and social changes accompanying aging.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 255 Biopsychology 3 Credits
Basic biological structures and processes underlying behavior, including general neuroanatomy and neurophysiology; sensory physiology; structure and function of the motor systems; physiology of emotions, motivation, learning, memory; brain dysfunction; psychoactive drugs.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 292 Professional Development in Psychology 3 Credits
This course is designed to help students understand the connections between the required curriculum in psychology and their professional and post-graduation goals. Through this required course all psychology majors will have the opportunity to recognize and use the many applications of psychology to their plans for career development and employment. Students will articulate individual goals beyond graduation, understand the individual characteristics that predict success in the work environment, recognize and apply selected research in psychology to their goals and the world of employment. The course will better prepare students to articulate post-graduation goals early in their education, and apply those goals to the following years of their education. PSY major/minor students only.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131.

PSY 295 Directed Study in Psychology 1-4 Credits
Provides an opportunity for students to obtain research experiences in psychology. Consists of a combination of project meetings, assigned readings and supervised research. Each student will work with a selected faculty member on a topic of mutual interest. Projects may include learning some components of research methods and applying these techniques to the collection and analysis of data. Provides focused reading and discussion as it relates to each student's research topic.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131 or permission of instructor and chair.

PSY 299 Field Placement in Applied Behavior Analysis 1 Credits
The practicum provides hands-on experience using the tools of applied behavior analysis in a field setting. Provides supervised field placement experience in an approved institution or agency in order for students to gain knowledge in applications of applied behavior analysis. Placement is made in various community institutions and agencies that offer services to diverse populations.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131, and PSY 212.

PSY 302 Research Methods: Cognition 4 Credits
Provides students with an in-depth coverage of the expanding field of cognition and memory. Addresses issues and research within the field. Emphasis is on current views of human memory. Students learn how to design and conduct their own experiments from the topic areas of information processing, psycholinguistics, problem solving, learning and memory, social cognition, and cognitive neuroscience. Laboratory skills include programming computers, developing multimedia stimuli, recording psycho- physiological data, and composing an APA-format research report in a network-based writing lab. Prerequisite(s): (PSY 100 or PSY102 or PSY110 or PSY131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 302L.

PSY 302L Research Methods: Cognition Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisite(s): PSY 302.

PSY 303 Research Methods: Social Psychology 4 Credits
Covers research methodology within the context of social psychology (i.e., topics include altruism, aggression, attraction and social perception). Both experimental and descriptive methodologies will be covered. Students learn about various aspects of the research process (e.g., design and execution of a social psychological study, analyzing and interpreting the results). Students also learn to integrate their research findings to produce an APA-style paper. Students use computer-based word processing and statistical analysis packages to achieve these goals. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 303L.

PSY 303L Research Methods: Social Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisites(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisites: PSY 303.

PSY 305 Theories of Psychotherapy 3 Credits
An exploration of the history and theory of the psychoanalytic, behavioral, and humanistic approaches to psychotherapy. Comparisons and contrasts between these therapeutic modalities are discussed, as well as the theory underlying specific therapeutic techniques such as dynamic interpretations, dream analysis, the analysis of resistance and transference, counter-conditioning, modeling, and cognitive restructuring. Class exercises in addition to transcripts and tape recordings from therapy sessions are used to illustrate the various therapeutic approaches.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY131) and 45 credits.

PSY 306 Research Methods: Sensation & Perception 4 Credits
Provides instruction in research design, research methods, and integration of data analysis and methodology within the content framework of sensation and perception. All the general psychology research methods are taught. Special emphasis is given to the study of human vision and audition. Students design, conduct, and report laboratory research in the areas of sensation and perception. The computer-based components of the laboratory include lessons on interactive software instrumentation for research, and network-based technical writing using APA format. Projects are conducted during the term. Each student uses a dedicated networked Macintosh computer to: a) develop and generate research stimuli and procedures, b) analyze and report research data, and c) write formal research reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 306L.

PSY 306L Sensation & Perception Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 306.

PSY 310 Introductory Counseling Skills 3 Credits
This course examines theory and research related to the therapy process and outcome. Students will practice foundational counseling skills with one another within a culturally-sensitive framework, including active listing, reflections of feelings, open questions, interpretations, self-disclosures, and challenges. Through experiential learning activities, students will develop a working knowledge of when and how to implement counseling skills. Students should be willing to talk about personal issues in this class.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 315 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 320 History of Psychology 3 Credits
Provides coverage of systems and schools of psychology: great psychologists, their contributions, and later influence in psychology. Current psychological problems are also discussed.
Prerequisites: (PSY100 or PSY102 or PSY110 or PSY131) and 45 credits.

PSY 324 Play and Imagination 3 Credits
This course surveys two of the most important manifestations of children's imagination: pretend play and imaginary companions. It will discuss the evolution of play, the purpose of play, the role of play in the development of creativity, and individual differences in play (e.g., among children of different gender, cultures, and ability levels). Finally, it will discuss the application of play to therapeutic methods for children.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 325 Cognitive Development 3 Credits
Compares and analyzes the major theories of cognitive development: Piaget, Information Processing, Vygotsky, Gardner, and Sternberg. The course describes cognitive growth from infancy to adulthood. Particular topics will include: concept formation, language acquisition, memory reading and writing, mathematical skills and sociocultural skills. Also of interest will be the use of cognitive theory in education, and understanding variations from the typical pattern of cognitive development as in mental retardation and prodigies.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 329 Research Methods in Organizational Psychology 4 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 329L Research Methods in Organizational Psychology 0 Credits
This course covers the general areas of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 330 Developmental Disabilities 3 Credits
Introduces students to the genetic, biological, sensory-motor, cognitive, and social-emotional foundations of developmental disabilities. Selected syndromes will be reviewed in-depth, as will treatments and intervention at the individual and family levels.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 333 Autism Spectrum Disorder 3 Credits
Provides students with a general understanding of the etiology, neurocognitive underpinnings, and general characteristics of the autism spectrum disorders. The course will examine the history of the study of these disorders, the main problems associated with these conditions, and will explore psycho-educational treatment alternatives.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 45 credits.

PSY 334 Disabilities Across Cultures 3 Credits
The course is designed around the question of how a culture defines the concept of “Disabilities”, how societies perceive individuals with disabilities, and how historical, social and political circumstances might shape an individual’s understanding of diversity. The course encourages critical thinking and a comparative analysis of cultural differences and psychological practices. Key challenges associated with diagnosis, intervention and integration of individuals with disabilities across the globe will be discussed. This course fulfills the College of Liberal Arts and Sciences Essential Competencies Requirement: Global Perspectives.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 335 Research Methods: Human Cognitive Neuroscience 4 Credits
Covers the interdisciplinary study of the nervous system integrating neurobiology, physiology, pharmacology, and psychology as explanations for both normal and pathological human behavior. Topics integrate molecular levels of analysis, such as neuron structure and function, neurotransmitters, action potentials, and receptors, with molar levels, such as sensory and hormonal processes, learning and memory, emotions, drug use, and biological rhythms. Introduces research techniques used to study the function of the nervous system and the neural bases of behavior in humans. Neuroanatomical, electrophysiological, pharmacological, and neuropsychological assessment techniques may be explored as part of laboratory or field research projects designed in collaboration with the instructor. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 335L.

PSY 335L Research Methods: Human Cognitive Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 335.

PSY 336 Research Methods: Animal Learning & Behavior 4 Credits
Provides a comprehensive overview of the acquisition and modification of the behavior of animals, especially on laboratory strains of rodents and pigeons. Core topics include respondent and operant conditioning, animal cognition, observational learning, animal safety and welfare, single-subject and between-groups approaches to methodology, and the statistical analysis of the results of studies of behavior. The laboratory component of the course provides a comprehensive overview of animal handling and maintenance, animal welfare, and the recording of experimental results. Two substantial projects are undertaken; demonstration of a conditioned taste aversion and its effect upon the acquisition and extinction of an operant (bar press) response and subsequent discrimination and reversal learning. Results of both projects are written into APA-formatted reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 336L.

PSY 336L Animal Learning and Behavior Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 336.

PSY 339 Research Methods in Applied Behavior Analysis 4 Credits
This upper-level laboratory course will provide students with an in-depth study of the principles and applications of Applied Behavior Analysis. Students will examine behavioral principles, ethical considerations, and real-life applications of ABA. Each student will design and implement a self-management plan to alter the behavior of their choosing. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and PSY 212 and a minimum grade of "C" in PSY 201 .
Corequisite(s): PSY 339L.

PSY 339L Research Methods in ABA Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and Psy212 and a minimum grade of "C" PSY 201.
Corequisite(s): PSY 339.

PSY 340 Research Methods: Group Dynamics 4 Credits
Focuses on selected issues pertaining to group dynamics. Emphasizes an understanding of the personality and social factors that influence the functioning of unstructured and task-oriented groups. Students participate in a task group for the purpose of conducting a comprehensive research project on selected issues in group dynamics and the psychology of groups. The task group prepares an APA-style paper describing their research as well as an in-class presentation. Each student also submits a midterm and final written analysis of the interactional processes and development of the task group. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340L.

PSY 340L Group Dynamics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 349 Research Methods - Health Psychology 4 Credits
This course examines the methods used by health psychologists to study the relationships between behavior, health, and illness, including the standard methodologies of description, observation, correlation, quasi-experimental and experimental, as well as some of the methods within the field of epidemiology including cohort, case-control, and cross-sectional studies. Students will design and conduct an empirical investigation on a health and illness-related research question. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisites: PSY 349L.

PSY 349L Research Methods in Health Psychology Lab 0 Credits
This is the lab accompanying PSY 349. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisites: PSY 349.

PSY 350 Research Methods: Developmental Psychology 4 Credits
Focuses on one or more research areas in cognitive, personality, or social development. Includes an overview of major theoretical approaches to age-related change. Students review original research on selected aspects of behavioral change. The laboratory component of the course presents an overview of developmental research designs and methods focusing on the measurement of age-related changes in psychological functioning. Students conduct field research projects designed in collaboration with the instructor and prepare an APA-style research report. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350L.

PSY 350L Developmental Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350.

PSY 360 Psychology of Peace & Conflict 3 Credits
This course examines issues related to peace, conflict, violence, and conflict resolution. Theories and strategies that suggest ways of reducing and eliminating conflict are discussed. Psychological and social causes and consequences of violence and nonviolence are considered.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 367 Creativity and Innovation 3 Credits
What is creativity, and how do we measure, study, and enhance it? This course will survey the modern theories of creativity from a psychological perspective, with an emphasis on the processes that underlie creative thinking and the variables that influence creative idea generation. Specific topics will include: convergent and divergent thinking, the role of the unconscious in creative ideation, flow and mindfulness, individual and group creativity, techniques such as brainstorming and creative problem solving, the neuroscience of creativity, the role of motivation, and creativity and innovation in organizations. Discussions of theoretical findings will be complemented by in-class activities and assignments that highlight applications to day-to-day living and to larger-scale challenges that require creativity and innovation.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 372 States of Consciousness 3 Credits
This course explores the variety of states that comprise normal and altered consciousness. It highlights how these states are determined by complex interactions between conscious and unconscious mental functions. Key psychological concepts are applied in an investigation of various states of consciousness, especially meditative states and dreams. The course examines both the psychopathological aspects of altered states, as well as their potential beneficial effects on creativity and the development of the self.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 373 Cyberpsychology 3 Credits
Cyberpsychology is the study of how emerging computer technologies, especially social media, affect the way people think, feel, and behave both online and in the face-to-face world. This course explores a wide range of topics concerning this rapidly developing field of psychology, including how individuals, interpersonal relationships, and groups function in cyberspace with both positive and negative consequences for mental health. It emphasizes an understanding of the basic concepts of cyberpsychology along with the implications of this knowledge for improving wellbeing in the digital age.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 375 Psychology and Film 3 Credits
Attitudes, perceptions and memories are shaped by motion pictures. Filmmakers create enduring images by using cinematic techniques to portray social and interpersonal themes. This course will examine various cinematic techniques as well as how film portrays interpersonal relations, gender roles, race relations, mental illness, The Holocaust, and other genocides.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 377 Developmental Psychopathology 3 Credits
This course provides an in-depth view of developmental psychopathology as an applied and prevention science. Developmental psychopathology is concerned with the emergence and continuity or discontinuity of psychopathology, or maladaptive behaviors, across the lifespan. An emphasis is placed on exploring individual, environmental, social, and especially cultural influences in explaining normal and abnormal behavior.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY131) and 45 credits.

PSY 379 Psychology and Law 3 Credits
Introduces students to a study of selected topics in psychology and law. Topics include eyewitness testimony, jury selection, and decision-making.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 381 Psychology of Gender 3 Credits
This course examines the meaning of sex and gender in modern society. The course readings and discussion will review and analyze the influence of gender on human behavior and emotions. The course will examine the significance of gender in shaping experience. Topics will include: gender differences in behavior, gender role development, gender and sexual identity, gender and social roles, cross-cultural perspectives on gender and transcending gender.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 383 Psychology and Culture 3 Credits
Students enrolled in this course will critically examine the intersection of culture and psychology. Topics covered include cultural influences on: identity, the perceptions and manifestations of mental illness, and treatment-seeking.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 384 Positive Psychology 3 Credits
Historically, the field of psychology has placed great attention on the question of, “What is wrong with people and how do we fix it?” This course will focus on the question of, “What is right with people and how can we build on that?” We will explore this by examining empirical research centered on the nature of happiness and psychological well-being. Positive psychology is the rigorous study of what is right and positive about people and institutions. Positive psychologists call for as much focus on strength as on weakness, as much attention on positive emotions as negative emotions, as much interest in building the best things in life as in repairing the worst, and as much attention to promoting the fulfillment of lives of healthy people as to healing the wounds of the distressed. This course will first present an introduction to the core assumptions and research findings associated with human strengths and positive emotions, then move on to explore interventions and applications informed by this perspective in counseling and psychotherapy, as well as in domains personally relevant to the lives of students such as school, work, family and other close relationships. PSY 384 is cross-listed with PSY 584.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 385 Death, Dying and Suicide 3 Credits
Everything that is alive eventually dies, thus death is a part of life. Understanding death can help us to understand and experience life more fully, and it can help us to make appropriate, compassionate responses to death and dying. Class members will examine difficult and controversial psychosocial issues related to dying and death, death perceptions from childhood through older adulthood, religious and death attitudes, the dying process, living with dying, dying in the American health care system, euthanasia and biomedical issues, pain management, suicide, cross-cultural perspectives on dying and death, the business of dying, the legal aspects of dying, and the bereavement process.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 386 Introduction to Child Life: Working with Children and Families in Healthcare Settings 3 Credits
The course provides the student with an introduction to the practice of Child Life in healthcare settings, serving as an educational foundation for those interested in pursuing a Child Life internship or other career working with children and families in a healthcare setting. Child Life programs seek to promote optimum development of children, adolescents, and families within a healthcare setting by helping to maintain normal living patterns and minimizing psychological trauma. Various theoretical positions related to the field (including but not limited to child development, play, stress, illness, trauma, and bereavement) will be described and their implications discussed. Classroom activities and assignments will help to develop relevant clinical skills including therapeutic play techniques, procedural preparation and support, coping strategies, child assessment, promoting advocacy/family-centered care, and health education. Official documents created by the Child Life Council, the certifying body for the field, will be reviewed, in addition to other seminal Child Life publications. The necessity for evidence-based practice will be discussed and relevant empirical studies will be presented (including those conducted in analogous academic fields such as developmental pediatrics and behavioral medicine).
Prerequisite: PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 388 Learning and the Experimental Analysis of Behavior 3 Credits
Students will review principles of behavior covered in PSY 212 Intro to ABA (or PSY 225 Learning Theory) and move into more complex concepts and principles of behavior analysis including respondent behavior, respondent conditioning, motivating operations, schedules of reinforcement, and verbal operants. Students will also learn elements of behavior change and specific behavior-change procedures including verbal behavior training, discrete trial training, interventions based on motivating operations and discriminative stimuli, and stimulus equivalence procedures.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 389 Professional Issues in ABA 3 Credits
This course will provide students interested in working in the field of applied behavior analysis at the bachelor's level content based on the task list of the Behavior Analyst Certification Board (BACB) The course covers ethical and professional considerations relevant to the profession of applied behavior analysis as well as ethical and disciplinary standards of the profession. In addition, the course covers behavioral assessment and intervention, competency-based training, and evaluating the effectiveness of behavioral programs. Students will also have the opportunity to read seminal and current research literature on the topics.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 395 Special Topics in Psychology 3 Credits
This course examines contemporary issues in psychology, with the particular topic varying each time it is offered. New directions in the field and/or current controversies will be the focus. Past offerings include Positive Psychology, Creativity, and Brain Games.
Prerequisite(s):)PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 400 Senior Seminar 3 Credits
This capstone course will provide a synthesis and evaluation of important critical issues in psychology, such as the role of modern psychology in solving social problems, the scientific vs. human services perspectives on behavior, emotion, and cognition; and the nature of mental illness and well-being. Students will be expected to draw broadly from their education in psychology; to grapple with conflicting points of view; and produce professional-quality writing, oral or multimedia presentations.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 75 credits.

PSY 450 Advanced Research Methods in Clinical Psychology 4 Credits
This advanced research methods lecture and lab provides a capstone experience in measurement, assessment, research methods, and data analysis within clinical psychology. The focus of the course will be on using research tools to answer practical questions about psychopathology (e.g., what is an extreme score on a depression scale?) and treatment effectiveness (are there improvements in anxiety scores based on participation in a program?). Content will also emphasize the importance of recruiting diverse samples and assessment of individuals of diverse cultural and social backgrounds. Regarding research methods, students will examine various research designs and how design decisions impact data analysis and interpretation. Students will work in teams to conduct a study in which they apply their learning to develop a series of hypotheses, collect and analyze data, and ultimately present their findings in APA format. This course is designed to build on students' understanding of research methods in prior courses and can help prepare students for graduate school with a counseling, clinical, or social work focus.
Prerequisites: PSY 201 with a minimum grade of B, PSY 3xx/3xxL with a minimum grade of B, and Earned Credits: 75.

PSY 450L Advanced Research Methods in Clinical Psychology Lab 0 Credits
This course is a co-requisite for the corresponding course.
Prerequisite(s): PSY 201 with a minimum grade of B, PSY 3xx/3xxL with a minimum grade of B, and Earned Credits: 75.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

PSY 491 Internship in Psychology 1-4 Credits
Provides supervised work experience in an approved institution or agency in order for students to gain knowledge in applications of psychology. Placement is made in various community institutions and agencies that offer services to both exceptional and normal individuals. Prerequisite(s): senior psychology majors or minors.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 75 credits.

Public Health Certificate

Overview

The COVID-19 epidemic increased interest and focus on public health and the practices of public health professionals. The Public Health Certificate addresses different approaches to solving complex health concerns. Students in existing health-related programs (i.e., health sciences, health care management, health care policy, etc) will have the opportunity to explore these concepts in classroom education while experiencing the concepts in practice through field-based, experiential learning. This certificate will provide a new lens for students to explore health and health-related concerns from a public/population level, affording them an opportunity to apply their knowledge and experiences (i.e, science, management, policy, psychology, etc).

Students will explore the foundations of public health through both didactic and experiential/field based learning experiences. This program will provide additional perspective into solving the complex issues around human health, while providing students the opportunity to gain valuable experience toward a career path (with additional graduate training). This program will serve both current and prospective undergraduate students and prospective part-time students (adult learners, community members) seeking to increase their understanding and knowledge of public health practices.

Certificate Offered

- Certificate in Public Health

Contact

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Program Website: Public Health Certificate (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/certificates/public-health/)
Associated Department: Health Sciences and Nursing

Related programs:

- Behavioral Neuroscience (p. 49)
- Biology (p. 83)
- Chemistry (p. 104)
- Health Sciences (p. 319)
- Physics (p. 445)

Public Health Certificate Requirements

(10-13 credits)

Code	Title	Credits
Required Courses:		
HSC 150	Introduction to Public Health	3
HSC 250	Introduction to Epidemiology	3
HCP 303	Global Health and Human Rights	3
HSC 491	Internship in Health Sciences	1-4
or HTH 491	Health Management Internship	
Total Credits		**10-13**

Courses and Descriptons

HSC 150 Introduction to Public Health 3 Credits
Public Health is the science of protecting, promoting, and improving the health of people and the communities where they live, learn, work, and play. Students will gain an understanding of the history and functions of public health, strategies and methods used in public health research, and the determinants of health.

HSC 250 Introduction to Epidemiology 3 Credits
Epidemiology is the study of distribution and determinants of defects, disease, and injury in human populations and the application of that study to assess the magnitude of health problems and the result of interventions designed to control them. This course is designed to introduce students to the basic principles, methods, and uses of epidemiology to better understand and characterize health and disease at a population level. The role of epidemiological evidence in planning and evaluation will be also be explored.
Prerequisite(s): MTH 102 or higher OR MSD 105 or higher OR POI.

HCP 303 Global Health and Human Rights 3 Credits
This course introduces students to the basic concepts of human rights and their links to national/global health, as well as to issues where human rights and health collide. Students will become familiar with global efforts for developing practical and effective responses to global health challenges with a human rights framework.

HSC 491 Internship in Health Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty member and should include keeping a journal of activities, a term paper or project report and an oral or poster presentation.
Prerequisite(s): 2.5 GPA required.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance. **Prerequisite**(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

Public Relations

Program Overview

Public relations is one of the fastest-growing and most rewarding professions in today's information-based global economy. In the public relations major, students learn how organizations and individuals proactively manage communication opportunities and challenges to maintain a favorable public image. Students explore how to cultivate and maintain productive relationships with clients, the media and opinion leaders, while sharpening their skills through case studies, hands-on assignments and current trends. In the capstone course, students work with local corporate and nonprofit clients to learn all facets of planning and executing a public relations campaign.

Outside of the classroom, students have the opportunity to join the nationally recognized Rider chapter of the Public Relations Student Society of America (https://www.instagram.com/prssarider/?hl=en) (PRSSA). Rider PRSSA offers members opportunities to meet leaders in the field through agency tours, guest speakers, workshops, professional mentoring, and trips to regional and national conferences. In addition, public relations majors are encouraged to gain experience by working as interns in public relations agencies, as well as industries such as fashion, sports, the arts, healthcare, government and more.

Curriculum Overview

Core classes in the major include public relations, social media, public relations writing and strategy, feature writing, publication design, communication research methods, and cases and campaigns in public relations. To round out the major, students also choose classes to build additional skills in areas such as intercultural communication, event planning and marketing, as well as classes to explore career options.

Degree Offered

- B.A. in Public Relations
- Minor in Public Relations

Contact

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Program website: Public Relations (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/public-relations/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Social Media Strategies (p. 512)
- Communication Studies (p. 114)
- Event Planning and Production (p. 261)
- Journalism (p. 346)
- Sports Media (p. 538)
- Arts & Entertainment Industries Management (p. 39)
- Marketing (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/undergraduate/marketing/)
- Graphic Design (p. 301)

Public Relations Major Requirements

(48 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core		**21**
COM 105	Communication, Culture and Media	
COM 107	Writing for the Media	
COM 131	Fundamentals of Video Production	
COM 204	Advanced Speech Communication	
COM 264	Digital Media: Theory and Practice	
COM 301	Communication Law	
COM 302	Communication Ethics	
Public Relations Major Requirements		
Complete all of the following courses:		**24**
COM 203	Introduction to Social Media	
COM 212	Digital Publication Design	
COM 240	Public Relations	
COM 310	Crisis Communication	
COM 316	Feature Writing	
COM 341	Public Relations Writing and Strategy	
COM 348	Communication Research Methods	
COM 440	Cases & Campaigns in Public Relations	
Select two courses from the following:		**6**
COM 252	Intercultural Communication	
COM 253	Organizational Communication	
COM 254	Intro to Health Communication	
COM 280	Issues in Event Planning	
COM 304	Rhetoric for Politics and Law	
COM 320	Negotiations	
COM 330	Documenting Cultures Through Travel	
COM 347	Sports Communication	
COM 361	Photography	
COM 393	International Communication	
COM 491	Internship in Communication	
MKT 200	Marketing Principles	
Total Credits		**51**

Notes:

1. Students may not carry a double major within the department. Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.
2. If a student receives a grade lower than "C" in a course required in a major or minor in the department the student must repeat the course. Credit will only be awarded once for a course that is repeatable. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Public Relations Minor

(18 credits)

Code	Title	Credits
COM 107	Writing for the Media	3
COM 203	Introduction to Social Media	3
COM 240	Public Relations	3
COM 341	Public Relations Writing and Strategy	3
COM 348	Communication Research Methods	3
COM 440	Cases & Campaigns in Public Relations	3
Total Credits		**18**

[1] Note: Communication, Journalism and Media majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department. (Exception: If a student elects the Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.)

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 105	Communication, Culture and Media	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 107	Writing for the Media	3
Social Perspectives		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 240	Public Relations	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 212	Digital Publication Design	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 203	Introduction to Social Media	3
COM 204	Advanced Speech Communication	3
COM 348	Communication Research Methods	3
Public Relations Elective, Skills-Based Course		3
Elective Course Credits		3
	Semester Credit Hours	**15**
Spring Semester		
COM 301	Communication Law	3
COM 316	Feature Writing	3
Public Relations Elective, Career-Based Course		3
Elective Course Credits		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 341	Public Relations Writing and Strategy	3
Elective Course Credits		9
	Semester Credit Hours	**15**
Spring Semester		
COM 440	Cases & Campaigns in Public Relations	3
Elective Course Credits		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

[1]

For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

[2]

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance – that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements.
Prerequisite(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/ reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Publishing and Professional Writing

Overview

The Certificate in Publishing and Professional Writing enables students in any major to earn a separate career-focused credential. This 12-credit program is designed to fortify qualifications for employment in many fields and enhance preparation for success in the workplace. Students may choose from a range of applied-writing courses regularly offered by the Department of English.

Admission Requirements

Admission to the program requires completion of CMP 125 with a final grade of C+ or better. English majors are eligible to apply.

Degree Offered

- Certificate in Publishing and Professional Writing

Contact

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Associated Department: Department of English (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/english/)

Publishing and Professional Writing Certificate Requirements

To earn the Certificate in Publishing and Professional Writing, students must complete the selected courses with an average grade of B or better. In addition, students must submit a final e-portfolio representing their best work from each of the courses taken, including a short commentary on each piece. The portfolio must meet Department of English standards for competency and completeness.

(12 credits)

Code	Title	Credits
Select four courses from the following:		**12**
ENG 236	Applied Grammar & Syntax	
ENG 318	Food Writing	
ENG 320	Editing for Literary Publishing	
ENG 321	Business and Professional Contexts	
ENG 322	Grant Proposals, Fundraising and Development	
ENG 323	Reviewing and Publishing	
ENG 324	Writing for Online Audiences	
ENG 325	Jobs in Book Publishing	
ENG 326	Editing for Academic Publishing	
ENG 336	Grammar and Style	
ENG 405	Advanced Prose Style	
ENG 407	Advanced Workplace Writing	
ENG 490	Independent Study: Research and Creative Expression	
Total Credits		**12**

ENG 236 Applied Grammar & Syntax 3 Credits
This course offers a review of the essential elements of English grammar and syntax and fosters understanding of how these elements work in notable argumentative and expository writing as well as in the student's own compositions. Focus is on both expert reading and effective writing. Changing attitudes toward usage, including influence of digital media on language use, are discussed. May be taken as preparation for, or independently of ENG 336, which addresses grammar, syntax, and style at a more advanced level.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 318 Food Writing 3 Credits
Food Writing is a thematically based course in essay writing. It develops students' ability to write effective informal prose while also extending their knowledge about food sources, preparation, and consumption. They learn through readings and exercises, however, that food writing is about more than food. It encompasses the pleasures of the table, history, culture, science, and politics.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 320 Editing for Literary Publishing 3 Credits
This course introduces students to the process of publishing literary magazines and books. Student will learn all aspects of publishing from solicitation of manuscripts to the production of copy. Specific skills will include copyediting, proofreading, and layout.

ENG 321 Business and Professional Contexts 3 Credits
Students practice writing effectively to achieve specific purposes in typical business and professional workplace environments. Genres include various kinds of internal and external communication, including print and social media, for a range of audiences.
Prerequisite(s): CMP 125 or COM 203 or BHP 150 or permission of instructor.

ENG 322 Grant Proposals, Fundraising and Development 3 Credits
Students employ their analytical and writing skills to research and write grants for non-profit organizations in their local or regional communities. Fundraising and development activities on behalf of area organizations introduce them to career opportunities in this growing field.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 323 Reviewing and Publishing 3 Credits
Students learn to write arts and literary criticism through studying the work of prominent critics in literature, theatre, film, dance, visual arts, and music. Students learn how to market themselves as potential reviewers for print and online publications.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 324 Writing for Online Audiences 3 Credits
This course will help students adapt their writing to online environments. A writing- intensive course grounded in rhetorical principles, it focuses upon planning, writing and producing online texts distributed entirely through virtual portals. Genres include E-mail, instant messages, text messages, blogs, wikis, workplace social-media, and online team collaborations.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 325 Jobs in Book Publishing 3 Credits
Students will practice the forms of writing used by literary agents and publishing professionals working in acquisitions, editorial, and production at trade, academic, and small literary presses. These forms may include the query letter, book proposal, reader's report, and marketing plan.
Prerequisite(s): Completion of composition requirements or permission of instructor.

ENG 326 Editing for Academic Publishing 3 Credits
The course will provide an overview of academic publishing with an emphasis on peer-reviewed scholarly journals. Students will learn firsthand the process of publishing a scholarly journal, from soliciting manuscripts to laying out copy. Assignments may include mastering the standard system of proofreading marks; copyediting, fact-checking and source-checking manuscripts; and correcting page proofs. Students will learn about style sheets, style manuals and reference books; document management; and professional communication standards for querying authors and reviewers.
Prerequisite(s): completion of composition requirements (CMP 125, CMP 203, or BHP 150 with a grade of C) or permission of instructor.

ENG 336 Grammar and Style 3 Credits
By building a comprehensive knowledge of the conventions of English grammar, punctuation and syntax, students will learn how to analyze the way words, phrases, sentences, and paragraphs work in expert writing, and they will apply this knowledge to their own writing. Emphasis is on argument, exposition, and analysis.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 405 Advanced Prose Style 3 Credits
Students analyze prose styles in English from the Renaissance to the present, focusing on the development of syntax, diction, and content. Students will be encouraged to imitate stylistic models and to develop their own prose style.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 407 Advanced Workplace Writing 3 Credits
Students will learn to adapt their writing skills to match specialized writing needs in publishing; corporate and personal finance; health, medicine, science, and technology. This course helps students build a portfolio and introduces them to corporate and freelance writing opportunities in our NJ/PA/NY area.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. To count toward the Certificate in Workplace Writing, an ENG 490 project must focus on workplace-related writing and be structured to include substantial formative feedback and revision. No more than one ENG 490 may be counted toward the certificate.
Prerequisite(s): completion of composition requirements or permission of instructor.

Radio and Podcasting

Program Overview

Students majoring in Radio and Podcasting have the opportunity to participate in classes tailored especially to their interests. They learn the secrets behind creating successful studio productions in small, hands-on classes in the Department of Communication, Journalism and Media's state-of-the-art radio studio and media labs. In addition to class projects, internships and co-ops, students gain valuable experience in producing their own radio programs and podcasts, even during their first year at Rider.

In 2023, Rider's own radio station, 107.7 The Bronc (https://www.1077thebronc.com), was named Best College/University Radio Station by the Intercollegiate Broadcasting System Media Awards. In addition to getting involved with the radio station, students might also expand their interests by participating in The Rider News (https://www.theridernews.com/), The Rider University Network (http://runetwork.weebly.com), and taking part in the Semester in LA (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/media-arts/semester-in-la/) program where students spend an entire semester studying and working in Los Angeles for major media companies.

Curriculum Overview

Core classes in the Radio and Podcasting major include writing for broadcast, audio production, advanced topics in podcasting and radio, and music production for mass media, among others. Students also choose a capstone experience that fits their interest from radio station operations, a hands-on internship, or a creative project.

Degree Offered

- B.A. in Radio and Podcasting
- Minor in Radio and Podcasting

Contact

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Program website: Radio and Podcasting (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/radio-podcasting/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs:

- Communication Studies (p. 114)
- Film and Television (p. 904)
- Game & Interactive Media Design (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/gaming-interactive-media-design/)
- Graphic Design (p. 301)
- Journalism (p. 346)
- Public Relations (p. 482)
- Popular Music Studies (p. 459)
- Social Media Strategies (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/social-media-strategies-minor/)
- Sports Media (p. 538)

Radio and Podcasting Major Requirements

(45 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Departmental Core		
COM 105	Communication, Culture and Media	3
COM 107	Writing for the Media	3
COM 131	Fundamentals of Video Production	3
COM 204	Advanced Speech Communication	3
COM 264	Digital Media: Theory and Practice	3
COM 301	Communication Law	3
COM 302	Communication Ethics	3
Podcasting and Radio Major		
COM 232	Podcasting I	3
COM 233	Writing for Broadcast	3
COM 234	Audio Production	3
COM 332	Topics in Advanced Podcasting and Radio	3
COM 337	Music Production for Mass Media	3
COM 338	Writing for Broadcast II	3
COM 434	Advanced Structure of Sound in Podcasting and Radio	3
Select one of the following:		**3**
COM 432	Radio Station Operations Capstone	
COM 490	Independent Study: Research and Creative Expression	
COM 491	Internship in Communication	
Total Credits		**45**

[1]

Students may not carry a double major within the department. Communication and journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department.

[2]

If a student receives a grade lower than "C" in a course required in a major or minor in the department, the student must repeat the course. Credit will only be awarded once for a course that is repeatable. The student must also repeat the course before enrolling in any course for which it is a prerequisite.

Radio and Podcasting Minor Requirements

(21 credits)

Code	Title	Credits
Required Courses		
COM 232	Podcasting I	3
COM 233	Writing for Broadcast	3
COM 234	Audio Production	3
COM 332	Topics in Advanced Podcasting and Radio	3
COM 337	Music Production for Mass Media	3
COM 338	Writing for Broadcast II	3
COM 434	Advanced Structure of Sound in Podcasting and Radio	3
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 105	Communication, Culture and Media	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 107	Writing for the Media	3
Social Perspectives		3
	Semester Credit Hours	**15**

Year 2		
Fall Semester		
COM 234	Audio Production	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 131	Fundamentals of Video Production	3
COM 233	Writing for Broadcast	3
Aesthetic Perspectives: Literature		3
Foreign Language		3
Philosophical Perspectives		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 204	Advanced Speech Communication	3
COM 232	Podcasting I	3
COM 301	Communication Law	3
COM 338	Writing for Broadcast II	3
Elective Courses [2]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 332	Topics in Advanced Podcasting and Radio	3
COM 337	Music Production for Mass Media	3
Elective Courses [2]		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 302	Communication Ethics	3
COM 434	Advanced Structure of Sound in Podcasting and Radio	3
Elective Courses [2]		9
	Semester Credit Hours	**15**
Spring Semester		
COM 432 or COM 490 or COM 491	Radio Station Operations Capstone or Independent Study: Research and Creative Expression or Internship in Communication	3
Elective Courses [2]		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For course placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance – that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/ instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements. **Prerequisite**(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Research Methods in Psychology Certificate

Overview

The Certificate in Research Methods will prepare students for graduate study in many social and behavioral science areas. In addition, it will provide a background in research that will enable students to find employment as research assistants, engaged in data collection, coding, and analysis, after completing their undergraduate degrees. Finally, it will equip students with an informal credential that may be appealing in areas of employment where production, manipulation, and interpretation of data is an important function. Courses include an introductory level research methods course, upper-level research methods courses, a statistics course, and the opportunity to conduct independent research under the supervision of a faculty member

Degree Offered

- Certificate in Research Methods in Psychology

Contact

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Associated Department: Psychology (p. 461)

Research Methods in Psychology Certificate Requirements

(18-21 credits)

Code	Title	Credits
Required Courses:		
PSY 105 & 105L	Introduction to Research in Psychology and Introduction to Research Methods Lab	4
PSY 201	Statistics and Research Design	3
PSY 315	Psychological Tests	3
PSY 490	Independent Study: Research and Creative Expression	3-4
Select two of the following:		**8**
PSY 302 & 302L	Research Methods: Cognition and Research Methods: Cognition Lab	

PSY 303 & 303L	Research Methods: Social Psychology and Research Methods: Social Psychology Lab
PSY 306 & 306L	Research Methods: Sensation & Perception and Sensation & Perception Lab
PSY 329 & 329L	Research Methods in Organizational Psychology and Research Methods in Organizational Psychology
PSY 335 & 335L	Research Methods: Human Cognitive Neuroscience and Research Methods: Human Cognitive Neuroscience Lab
PSY 336 & 336L	Research Methods: Animal Learning & Behavior and Animal Learning and Behavior Lab
PSY 339 & 339L	Research Methods in Applied Behavior Analysis and Research Methods in ABA Lab
PSY 340 & 340L	Research Methods: Group Dynamics and Group Dynamics Lab
PSY 350 & 350L	Research Methods: Developmental Psychology and Developmental Psychology Lab
Total Credits	**21-22**

Courses and Descriptions

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of “C” in PSY 105.

PSY 315 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

PSY 302 Research Methods: Cognition 4 Credits
Provides students with an in-depth coverage of the expanding field of cognition and memory. Addresses issues and research within the field. Emphasis is on current views of human memory. Students learn how to design and conduct their own experiments from the topic areas of information processing, psycholinguistics, problem solving, learning and memory, social cognition, and cognitive neuroscience. Laboratory skills include programming computers, developing multimedia stimuli, recording psycho- physiological data, and composing an APA-format research report in a network-based writing lab. Prerequisite(s): (PSY 100 or PSY102 or PSY110 or PSY131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 302L.

PSY 302L Research Methods: Cognition Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisite(s): PSY 302.

PSY 303 Research Methods: Social Psychology 4 Credits
Covers research methodology within the context of social psychology (i.e., topics include altruism, aggression, attraction and social perception). Both experimental and descriptive methodologies will be covered. Students learn about various aspects of the research process (e.g., design and execution of a social psychological study, analyzing and interpreting the results). Students also learn to integrate their research findings to produce an APA-style paper. Students use computer-based word processing and statistical analysis packages to achieve these goals. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 303L.

PSY 303L Research Methods: Social Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisites(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisites: PSY 303.

PSY 306 Research Methods: Sensation & Perception 4 Credits
Provides instruction in research design, research methods, and integration of data analysis and methodology within the content framework of sensation and perception. All the general psychology research methods are taught. Special emphasis is given to the study of human vision and audition. Students design, conduct, and report laboratory research in the areas of sensation and perception. The computer-based components of the laboratory include lessons on interactive software instrumentation for research, and network-based technical writing using APA format. Projects are conducted during the term. Each student uses a dedicated networked Macintosh computer to: a) develop and generate research stimuli and procedures, b) analyze and report research data, and c) write formal research reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 306L.

PSY 306L Sensation & Perception Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 306.

PSY 329 Research Methods in Organizational Psychology 4 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 329L Research Methods in Organizational Psychology 0 Credits
This course covers the general areas of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 335 Research Methods: Human Cognitive Neuroscience 4 Credits
Covers the interdisciplinary study of the nervous system integrating neurobiology, physiology, pharmacology, and psychology as explanations for both normal and pathological human behavior. Topics integrate molecular levels of analysis, such as neuron structure and function, neurotransmitters, action potentials, and receptors, with molar levels, such as sensory and hormonal processes, learning and memory, emotions, drug use, and biological rhythms. Introduces research techniques used to study the function of the nervous system and the neural bases of behavior in humans. Neuroanatomical, electrophysiological, pharmacological, and neuropsychological assessment techniques may be explored as part of laboratory or field research projects designed in collaboration with the instructor. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 335L.

PSY 335L Research Methods: Human Cognitive Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 335.

PSY 336 Research Methods: Animal Learning & Behavior 4 Credits
Provides a comprehensive overview of the acquisition and modification of the behavior of animals, especially on laboratory strains of rodents and pigeons. Core topics include respondent and operant conditioning, animal cognition, observational learning, animal safety and welfare, single-subject and between-groups approaches to methodology, and the statistical analysis of the results of studies of behavior. The laboratory component of the course provides a comprehensive overview of animal handling and maintenance, animal welfare, and the recording of experimental results. Two substantial projects are undertaken; demonstration of a conditioned taste aversion and its effect upon the acquisition and extinction of an operant (bar press) response and subsequent discrimination and reversal learning. Results of both projects are written into APA-formatted reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 336L.

PSY 336L Animal Learning and Behavior Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 336.

PSY 339 Research Methods in Applied Behavior Analysis 4 Credits
This upper-level laboratory course will provide students with an in-depth study of the principles and applications of Applied Behavior Analysis. Students will examine behavioral principles, ethical considerations, and real-life applications of ABA. Each student will design and implement a self-management plan to alter the behavior of their choosing. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and PSY 212 and a minimum grade of "C" in PSY 201 .
Corequisite(s): PSY 339L.

PSY 339L Research Methods in ABA Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and Psy212 and a minimum grade of "C" PSY 201.
Corequisite(s): PSY 339.

PSY 340 Research Methods: Group Dynamics 4 Credits
Focuses on selected issues pertaining to group dynamics. Emphasizes an understanding of the personality and social factors that influence the functioning of unstructured and task-oriented groups. Students participate in a task group for the purpose of conducting a comprehensive research project on selected issues in group dynamics and the psychology of groups. The task group prepares an APA-style paper describing their research as well as an in-class presentation. Each student also submits a midterm and final written analysis of the interactional processes and development of the task group. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340L.

PSY 340L Group Dynamics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340.

PSY 350 Research Methods: Developmental Psychology 4 Credits
Focuses on one or more research areas in cognitive, personality, or social development. Includes an overview of major theoretical approaches to age-related change. Students review original research on selected aspects of behavioral change. The laboratory component of the course presents an overview of developmental research designs and methods focusing on the measurement of age-related changes in psychological functioning. Students conduct field research projects designed in collaboration with the instructor and prepare an APA-style research report. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350L.

PSY 350L Developmental Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350.

Social Justice Through Civic Engagement

Program Overview

Morally and civically responsible individuals recognizes themselves as a member of a larger social fabric and therefore considers social problems to be at least partly their own. Such an individual is willing to see the moral and civic dimensions of issues, to make and justify informed moral and civic judgments, and to take action when appropriate. The Social Justice through Civic Engagement minor focuses on those populations that are "non-hegemonic" in society, adding to a students' diversity of ideas regarding these groups.

Curriculum Overview

The minor is available to students from all colleges/schools, allowing them to combine rigorous coursework with experiential learning. The coursework provides students with an academically meaningful foundation from which they can put their experiences in a larger social context. The broad range of courses available address social topics such as economics, politics, ethnicity, culture, or gender, fostering discussions that allow a student to reflect on their own experiences and consider new solutions to social problems.

Degree Offered

- Minor in Social Justice through Civic Engagement

Contact

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Program Website: Social Justice through Civic Engagement (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/social-justice-through-civic-engagement-minor/)

Associated Department: Sociology and Criminology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/sociology/)

Related Programs

- Criminal Justice (p. 132)
- Education (p. 666)
- History (p. 323)
- Political Science (p. 449)
- Sociology (p. 518)

Social Justice and Civic Engagement Minor Requirements

(18 credits)

Code	Title	Credits
Core Courses		
SOC 230	Foundations of Civic Engagement	3
SOC 245	Social Problems	3
Select two non-hegemonic courses or one non-hegemonic and one civic engagement course from the options below.		**6**
Non-hegemonic studies:		
AMS 212	Multicultural America	
AMS 227	Martin Luther King Jr's America	
AMS 309	Hip Hop and American Culture	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
ENG 230	Women In Literature	
HIS 200	Native American History	
HIS 201	African American History	
HIS 307	The Immigrant in American Life	
HIS 309	Women in American History	
HIS 319	Gender and Sexuality in American History	
PHL 230	Philosophy of the Sexes	
POL 235	Race and Ethnicity in American Politics	

POL 328	Environmental Politics	
POL 363	Human Rights in Global Context	
PSY 118	Psychology of Women	
SOC 207	Racial and Ethnic Relations	
SOC 312	Women in Society	
SOC 313	Gender and Criminal Justice	
Civic Engagement Experience:		
Courses will be approved on an individual basis by the department chairperson.		
Policy/Politics		**3**
Select one from the following list:		
ECO 336	Economics of Health Care Sys	
POL 205	Introduction to Public Policy	
POL 280	Sex & Gender in International Politics	
POL 328	Environmental Politics	
SOC 340	Power and Politics	
SOC 345	Race and Crime	
SOC 346	Health Care and Society	
SOC 350	Social Policy	
Capstone Experience		**3**
Select from the following:		
SOC 490	Independent Study: Research and Creative Expression	
SOC 491	Internship in Sociology	
Total Credits		**18**

Courses and Descriptions

AMS 212 Multicultural America 3 Credits
Focusing primarily on the new century, this course explores the experiences of the remarkably diverse range of ethnic groups who have come to the U.S. in recent years, including Hispanics, Europeans, Asians and Africans. How these groups have impacted the communities where they have settled, how they have interacted with other ethnic groups, and how they have assimilated (or not) and prospered (or not) are among the issues examined and discussed.

AMS 227 Martin Luther King Jr's America 3 Credits
This course studies Martin Luther King Jr's writings, speeches, and sermons, the context of the America he saw in his lifetime, and the implications of his message for today's America and its place in the world. King envisioned a wholly democratic America free of racism, poverty, and military aggression. Students will critically assess the political, economic, and religious thought at the root of his call for change.

AMS 309 Hip Hop and American Culture 3 Credits
Explore hip-hop culture via the music, dance, art, and poetry created in some of the poorest and most segregated neighborhoods in America. Students will examine the social conditions that fostered the creation of hip-hop and delve into a range of issues confronted in hip-hop music and culture.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

ECO 336 Economics of Health Care Sys 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomic tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.
Prerequisite(s): ECO 201 or HTH 205.

ENG 228 Black American Lit 3 Credits
A survey of writings by black Americans, presented historically from early slave narratives through emancipation, reconstruction, the Harlem Renaissance, and literature from the 1930s to the present. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 229 Multi-Ethnic Literature in America 3 Credits
Surveys the literature of various ethnic groups including African Americans, American Indians, Asian Americans, Hispanic Americans, Jewish Americans and European Americans. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 230 Women In Literature 3 Credits
A range of literary presentations of the female experience and of the conditions of women's lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

HIS 200 Native American History 3 Credits
Traces the experiences of North American Indians from early colonial times to the present day, demonstrating how Indian life has varied and changed throughout our nation's history. Topics include strategies of resistance and accommodation to colonial powers, 19th- century impacts of U.S. government removal and cultural assimilation policies, and 20th-century cultural and political developments among the nation's surviving tribes. Rather than "vanishing," American Indians are a vital and expanding force in modern America.

HIS 201 African American History 3 Credits
Examines the actions and thought of peoples of African ancestry in the United States. Briefly considers Africa before the Atlantic slave trade, then concentrates on major themes in African-American history--the slave trade, slavery, and the genesis of African American society, emancipation and its consequences, urbanization and industrialization, Black Nationalism, the Civil Rights Movement, and African Americans today. Emphasizes African Americans' dynamic and creative role both in shaping their society and establishing their place in United States society. The on-going struggle for freedom and equality provides thematic continuity for analyzing nearly 400 years of African-American history.

HIS 307 The Immigrant in American Life 3 Credits
Examines the experiences of immigrants in the United States, their assimilation, the reactions to them, and their contributions.

HIS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

HIS 319 Gender and Sexuality in American History 3 Credits
What makes a man, exactly, and what makes a woman? What kinds of sex are normal, and what kinds are abnormal? Who decides, and why? The answers to these questions are not fixed. Throughout American history, popular understandings of gender and sexual norms evolved in close relationship with the political, economic, racial, and social dictates of the time. This course will trace the evolution of ideas on sec and gender from the 18th century to the present using various historical sources including fiction and film, particular attention will be given to analyzing dominant models of proper behavior and the complex relationships of power enmeshed within them.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 205 Introduction to Public Policy 3 Credits
The course provides students with an introduction to the study of public policy by linking the theoretical with the practical. The course focuses on three areas of analysis: 1) descriptive 2) evaluative and 3) prescriptive. Students will develop skills required to define and critically examine policy problems, articulate relevant decision-making criteria and assess alternative policy options. Last the course provides examples of public policy problems through the substantive policy areas of health, environment and education.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 280 Sex & Gender in International Politics 3 Credits
What's a student of political science, International Relations (IR), or another social science field to do about feminism? This is a question that has troubled IR for decades. While feminist debates engaged people in spaces outside the disciplines of political science and particularly IR, IR scholars did their best not to see the relevance of feminism for their own debates. That did not stop some feminists from rethinking key IR concepts like power, race and the state, but such contributions were largely ignored by IR scholars until very recently. It was only in the last decades, when feminist questions pushed their way onto the IR agenda through books, journals, and conferences, that feminism suddenly seemed attractive to IR scholars. Designed as an interdisciplinary course with a strong reference to Global and International Politics, this course will provide a basic introduction to some of the major global questions as seen through a feminist lens.

POL 327 Contemporary Issues in American Public Policy 3 Credits
An in-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 363 Human Rights in Global Context 3 Credits
Human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as HLS 363. Students may not get credit for both HLS 363 and POL 363.

PSY 118 Psychology of Women 3 Credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 230 Foundations of Civic Engagement 3 Credits
This course is an introduction to civic engagement: its meanings, opportunities and limitations. Students will learn about the different opportunities for civic engagement in the community as well as the theories and skills associated with it. Students will learn the role of formal and informal institutions in community engagement and will identify a specific organization for in depth investigation.
Prerequisite(s): SOC 101.

SOC 245 Social Problems 3 Credits
American social, economic, and political institutions and their interrelationships are analyzed, with an emphasis on the causes, directions, and consequences of social change in American society.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 313 Gender and Criminal Justice 3 Credits
This course will examine women's experiences with the criminal justice system as offenders, victims, prisoners, and practitioners. It will consider how gender has shaped theories of crime and criminological research. It will explore how cultural constructions of gender have influenced substantive and procedural criminal law, the ways criminal justice agencies respond to crime, and how these have changed historically. Attention will be given to the development of new approaches, reforms, and challenges.
Prerequisite(s): SOC 101.

SOC 340 Power and Politics 3 Credits
Examines the nature and distribution of power in contemporary societies; analyzes the relationships between power and politics.
Prerequisite(s): SOC 101.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

SOC 490 Independent Study: Research and Creative Expression 1-4 Credits
Juniors or seniors who have completed at least 12 credit hours in sociology may propose an independent research project with the aid and advice of any full-time faculty member of the department. Proposals must be reviewed and approved by the sponsoring faculty member and submitted to the department's Independent Study Committee at least four weeks prior to the last day of classes for the semester preceding Independent Study.
Prerequisite(s): SOC 101.

SOC 491 Internship in Sociology 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of applications of sociology in work settings and to analyze work settings using sociological knowledge and research methods. Placements are made in business, government, and community offices that utilize sociological knowledge or research skills.
Prerequisite(s): 2.75 GPA.

Social Media Strategies

Program Overview

Social media has forever changed the communication, journalism and media professions. For today's students, being able to effectively plan, manage and evaluate social media as an integrated communication tool has become a requirement for success. The program combines theory and best professional practice with hands-on learning, the development of critical media skills (including writing and multimedia content creation), and the application of strategy and management for a variety of organizational settings. In the capstone course, students work with clients to learn all facets of planning and executing a social media campaign.

In addition, students have the opportunity to practice their professional interests by getting involved in a wide range of media organizations including the Public Relations Student Society of America (https://instagram.com/prssarider/), the Graphic Design Club (https://linktr.ee/ridergraphicdesign/), and our award-winning media including The Rider News (https://www.theridernews.com), 107.7 The Bronc (https://www.1077thebronc.com), and Rider University Network (http://runetwork.weebly.com).

A thriving internship and co-op program routinely offers academic credit and professional experience in a number of prestigious locations.

Curriculum Overview

Core classes in the Social Media Strategies major include introduction to social media, social media content, social media and social change, introduction to web design, podcasting, video production, photography, social media analytics, and a capstone course. Students may also choose from a variety of elective courses to supplement the major.

Degree Offered

- B.A. in Social Media Strategies
- Minor in Social Media Strategies

Contact

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Program Website: Social Media Strategies (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/social-media-strategies/)

Department Website: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-

arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Public Relations (p. 482)
- Journalism (p. 346)
- Communication Studies (p. 114)
- Sports Media (p. 538)
- Radio and Podcasting (p. 493)
- Graphic Design (p. 301)

Social Media Strategies Major Requirements

(48 credits)

Code	Title	Credits
Core Requirements		**21**
COM 105	Communication, Culture and Media	
COM 107	Writing for the Media	
COM 131	Fundamentals of Video Production	
COM 204	Advanced Speech Communication	
COM 264	Digital Media: Theory and Practice	
COM 301	Communication Law	
COM 302	Communication Ethics	
Major Requirements		**27**
COM 203	Introduction to Social Media	
COM 207	Social Media and Social Change	
COM 221 or COM 232	Speaking for Broadcast and Digital Media Podcasting I	
COM 240	Public Relations	
COM 261	Introduction to Web Design	
COM 262 or COM 361	Graphic Imaging for Digital Media Photography	
COM 292	Content for Social Media	
COM 326	Social Media Analytics	
COM 426	Social Media Capstone	
Recommended Elective Courses:		
COM 212	Digital Publication Design	
COM 237	Rhetoric in the Digital Age	
COM 253	Organizational Communication	
COM 265	3D Graphic Animation	
COM 316	Feature Writing	
COM 341	Public Relations Writing and Strategy	
COM 347	Sports Communication	
MKT 200	Marketing Principles	
MKT 375	Digital Advertising and Social Media	
POL 247	Political Campaigning	
ENT 100	Innovation and Entrepreneurship	
AAD 202	Commun/Marketing in Arts	
Total Credits		**48**

Social Media Strategies Minor Requirements

(21 credits)

Code	Title	Credits
Required Courses:		
COM 131	Fundamentals of Video Production	3
COM 203	Introduction to Social Media	3
COM 240	Public Relations	3
COM 261	Introduction to Web Design	3
COM 292	Content for Social Media	3
COM 361	Photography	3
Select one of the following:		**3**
COM 207	Social Media and Social Change	
COM 237	Rhetoric in the Digital Age	
COM 264	Digital Media: Theory and Practice	
Total Credits		**21**

Academic Plan of Study

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
COM 105	Communication, Culture and Media	3
HIS 150	World History to 1500	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 203	Introduction to Social Media	3
Social Perspectives		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 240	Public Relations	3
Aesthetic Perspectives: Fine Arts		3
Foreign Language		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
COM 107	Writing for the Media	3
COM 207	Social Media and Social Change	3
COM 264	Digital Media: Theory and Practice	3
Aesthetic Perspectives: Literature		3
Foreign Language		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
COM 204	Advanced Speech Communication	3
COM 221 or COM 232	Speaking for Broadcast and Digital Media or Podcasting I	3

Philosophical Perspectives		3
Elective Course Credits		6
	Semester Credit Hours	**15**
Spring Semester		
COM 261	Introduction to Web Design	3
COM 292	Content for Social Media	3
COM 301	Communication Law	3
Elective Course Credits		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 262 or COM 361	Graphic Imaging for Digital Media or Photography	3
COM 302	Communication Ethics	3
COM 326	Social Media Analytics	3
Elective Course Credits		6
	Semester Credit Hours	**15**
Spring Semester		
COM 426	Social Media Capstone	3
Elective Course Credits		12
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

For Course Placement information visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

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Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements.
Prerequisite(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

AAD 202 Commun/Marketing in Arts 3 Credits
Intended for arts or business majors interested in arts management, this course immerses students in the fundamentals of promoting the arts, from grassroots public relations to basic marketing concepts and applications. Students will have opportunities to interact with professionals in the field and explore career options.
Prerequisite(s): AAD 121 and CMP 125, or permission of instructor.

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

POL 247 Political Campaigning 3 Credits
This course entails the study of campaigning for political office at the federal, state and local levels in the United States. While attention will be given to how the broader political environment and specific factors, e.g., partisanship, hot button issues, local interests, and money, affect the nature of campaigns, the course's primary focus will be on how to organize and conduct a successful and ethical campaign, including how to collect and analyze pertinent data, manage a staff, develop a communications plan, including social media, and get out the vote.

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MKT 375 Digital Advertising and Social Media 3 Credits
This course surveys the concepts, principles, practices and industry standards of digital advertising, including standard display and rich media advertising, search advertising, email advertising, game advertising, and mobile advertising. It also introduces the strategies and tactics in social media marketing. The course emphasizes a strategic, holistic view of digital advertising and social media as marketing communication tools that are situated in the marketing strategic framework and employed to engage consumers in community building.
Prerequisite(s): MKT 200; junior & senior standing.

Social Work

Program Overview

The Bachelor of Social Work (B.S.W.) program at Rider University will provide you with the knowledge, skills and training necessary to deliver competent and ethical practice in the social work profession. With a strong focus on diversity, social justice, advocacy and the protection of vulnerable populations, our dynamic program will equip you with the values and ethics essential for equitable practice in the profession. As a result, you'll be prepared to work with individuals, families, organizations and communities from diverse backgrounds in various settings, including healthcare, schools, criminal justice and social services. In addition, B.S.W. graduates are well-equipped to continue their education in a Master of Social Work program.

Our 51-credit program provides students with a comprehensive understanding of social work theory, methods and practice, including social justice, human rights, and cultural competency. Learning will take place across a combination of courses taught by experts in social work and required fieldwork placements in real-world settings.

The Bachelor of Social Work is intended for students interested in a professional career in social work and related areas. Positions for social workers are expected to grow significantly over the next five years and demand is higher than average in New Jersey and the mid-east region. This growth is due to an aging population and adjustments to new treatments, medications, and lifestyles of our population.

A minor in Social Work is also an option for interested students. By completing a sequence of three social work courses, students learn about the development of welfare and social service programs and earn a Minor in Social Work. They will acquire skills in interviewing, case management, and group dynamics; and gain work experience in a social service agency.

** As the program is currently seeking accreditation by the Council on Social Work Education (CSWE), students may officially declare the major starting in Fall 2024. Until then, please reach out to the Department of Sociology & Criminology for major change/declaration inquiries.*

NOTE: CSWE Accreditation is a three-year process. In accordance with CSWE Accreditation policy 3.3.1, Programs in Pre-Candidacy that attain Candidacy in the academic year in which a student begins the program of study will be retroactively recognized as having graduated from a CSWE-accredited program once the program attains Initial Accreditation.

Degrees Offered

- Bachelor in Social Work (B.S.W.)
- Minor in Social Work

Contact

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Associated Department: Sociology and Criminology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departments/sociology-criminology/)

Related Programs

- Psychology (p. 461)
- Social Justice Through Civic Engagement (p. 509)
- Sociology (p. 518)

Social Work Major Requirements

** As the program is currently seeking accreditation by the Council on Social Work Education (CSWE), students may officially declare the major starting in Fall 2024. Until then, please reach out to the Department of Sociology & Criminology for major change/declaration inquiries.*

NOTE: CSWE Accreditation is a three-year process. In accordance with CSWE Accreditation policy 3.3.1, Programs in Pre-Candidacy that attain Candidacy in the academic year in which a student begins the program of study will be retroactively recognized as having graduated from a CSWE-accredited program once the program attains Initial Accreditation.

(51 credits)

Code	Title	Credits
Core Requirements		
SOW 200	Social Services & Social Work	3
SOW 222	Social Justice and Equity in Social Work	3
SOW 250	Human Behavior and the Social Environment I	3
SOW 251	Human Behavior and Social Environment II	3
SOW 290	Advocacy and Social Action for Professional Social Workers	3
SOW 300	Social Work Practice	3
SOW 301	Field Work Experience	3
SOC 301	Methods of Sociological Research	3
SOC 350	Social Policy	3
SOW 302 Advanced Fieldwork (coming soon)		3
SOW 400	Social Work Senior Seminar	3
Cognate Requirements - select 9 credits from the following list:		**9**
SOC 101	Sociological Imagination	
SOC 150	Introduction to Forensics	
BNS 107	Life Science: Brain and Behavior	
PSY 110	Psychology:The Science of Well-being	
or PSY 131	The Science of Mental Illness	
PSY 237	Cognitive Disabilities	
Electives - select 9 credits from the following list:		**9**
SOW 260 Child Welfare Policy and Practice (coming soon)		
SOW 270 Education and Social Policy (coming soon)		
SOC 205	Families	
SOC 216	Youth and Crime	
SOC 247	Aging	
or PSY 250	Psychology of Aging	
SOC 248	Social Service Organizations	
SOC 261	Schools and Schooling	
PSY 212	Introduction to Applied Behavior Analysis	
PSY 230	Child Development	
PSY 231	Youth and Adolescent Development	
PSY 245	Stress, Health and Coping	
PSY 345	Health Psychology	
Total Credits		**51**

Social Work Minor Requirements

(18 credits)

Code	Title	Credits
SOW 200	Social Services & Social Work	3
SOW 300	Social Work Practice	3
SOW 301	Field Work Experience	3
Select one course from each of the following two groups:		
Group I		**3**
SOC 205	Families	
SOC 248	Social Service Organizations	
SOC 350	Social Policy	
Group II		**3**
PSY 230	Child Development [1]	
PSY 231	Youth and Adolescent Development	
One additional course in an area of concentration relevant to social work [2]		3
Total Credits		**18**

1 PSY 100 is a prerequisite for all Psychology courses.

2 Examples of such areas are: Aging, Human Service Organizations, Psychological Counseling, and Criminal Justice. This course is chosen in consultation with an advisor.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
SOW 200	Social Services & Social Work	3
CMP 120	Seminar in Writing and Rhetoric	3
SOC 101	Sociological Imagination	3
HIS 150	World History to 1500	3

Foreign Language		3
	Semester Credit Hours	**15**
Spring Semester		
SOW 222	Social Justice and Equity in Social Work	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Foreign Language		3
Elective Course		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SOW 250	Human Behavior and the Social Environment I	3
MTH 102	Finite Mathematics	3
Aesthetic Perspectives: Literature		3
Social Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
SOW 251	Human Behavior and Social Environment II	3
Cognate Requirement (1 of 3)		3
Aesthetic Perspectives: Fine Arts		3
Scientific Perspectives		3
PHL 115	Ethics	3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
SOW 290	Advocacy and Social Action for Professional Social Workers	3
SOC 301	Methods of Sociological Research	3
Cognate Requirement (2 of 3)		3
Major Elective (1 of 3)		3
Elective Course		3
	Semester Credit Hours	**15**
Spring Semester		
SOW 300	Social Work Practice	3
SOC 350	Social Policy	3
Major Elective (2 of 3)		3
Elective Courses		6
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
SOW 301	Field Work Experience	3
Major Elective (3 of 3)		3
Cognate Requirement (3 of 3)		3
Elective Courses		6
	Semester Credit Hours	**15**
Spring Semester		
SOW 400	Social Work Senior Seminar	3
SOW 302 - Advanced Fieldwork (Coming Soon)		3
Elective Courses		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

SOW 200 Social Services & Social Work 3 Credits
An overview of the historical development of social work. Emphasis on current issues in social welfare and social service programs in the United States. Among the programs explored are those in public welfare, mental health, medical services, child abuse/neglect, school social work, and care for the elderly.

SOW 300 Social Work Practice 3 Credits
The course builds upon and reinforces the foundation of generalist social work knowledge, social work values, ethics, attitudes, and skills introduced in the Introduction to Social Work course. Students study the Code of Ethics of the National Association of Social Workers and practice ethical decision-making. The course reinforces the skills necessary to implement the phases of the planned change model to social work practice with multi-level client systems (individuals, groups, families, communities, and organizations). Interviewing techniques are taught and practiced. Skills in forming and running small groups, working with community organizations, and administering social programs are emphasized. Students study how to gather pertinent psycho-social facts about clients, make an assessment, plan an intervention, and successfully complete service to the client. Students who next will take SOW 301 Field Work Experience will be placed in a social service agency by the end of the semester.
Prerequisite(s): SOW 200.

SOW 301 Field Work Experience 3 Credits
Students observe and work in a social service agency. They study the structure of the agency and the people and roles within it, and develop helping skills with clients. Approximately six to eight hours of field work a week for each three credits are required, plus class sessions during the semester.
Prerequisite(s): SOW 200, SOW 300. May be taken twice in two separate semesters for a maximum of six credits toward the total credits required for graduation.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 248 Social Service Organizations 3 Credits
Examines the growth and variety of social service organizations. The training of providers, such as teachers and physicians, and relationships between professionals and clients in settings such as schools and hospitals are studied as well as organizational decision-making, finances, and community relations.
Prerequisite(s): SOC 101.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

PSY 230 Child Development 3 Credits
Presents theory and research on the social, emotional and cognitive development of children birth to age 12.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 231 Youth and Adolescent Development 3 Credits
Presents theories, research and problems concerning development in youth and adolescence.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

Sociology

Program Overview

Sociology helps us to understand how social groups, organizations, social institutions and societies function, how they change over time, how they impact our lives, how they are created and sustained, and how they change.

Sociological research and scholarship overlaps with an array of disciplines and professions beyond sociology. Organizational and management studies, communication and media studies, criminology, race studies, gender studies and psychology all integrate sociological concepts into their scholarship. Likewise, elements of these disciplines can be found in the work of sociologists. That is why training in sociology provides an excellent background and skillset for a wide range of careers beyond the classroom.

While many students decide to pursue advanced degrees in the social sciences, sociologists can be found working in diverse settings. You will likely find sociologists working as management consultants, market researchers, public opinion researchers, social workers, public service workers, government officials, and just about any setting where the skillsets developed in sociology apply. As it turns out, that includes just about anywhere where social institutions, people and human interaction exist.

Curriculum Overview

Sociology students take a total of 15 three-credit courses to complete the major. The curriculum includes a collection of required courses, taken sequentially, that introduce students to Sociology as a discipline and provide more advanced training in the development of their sociological imaginations as they move through the degree. Along the way, majors are exposed to the basic concepts, theories, and methods of sociology while exploring various topics of sociological interest in such things as inequality, race and ethnic relations, and social interaction, to name but a few. Seminars at the freshman and senior levels provide extensive class participation, personalized instruction, and carefully supervised individual research.

Student Learning Outcomes

Graduates of the Sociology major will be able to:

1. Use sociological theories to interpret the world around them.
2. Interpret how social structure, culture, power, inequality, and economic forces impact our understanding of social institutions and social interaction.
3. Effectively collect, interpret, and analyze social data using sociological theories as a framework throughout the process.
4. Communicate their sociological knowledge using both verbal and written techniques.

Honors Program in Sociology

Honors in sociology may be achieved by earning a 3.5 cumulative average in the discipline and completing, through honors in sociology (SOC 496), a senior honors thesis with distinction.

Degree Offered

- B.A. in Sociology

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Associated Department: Sociology and Criminology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/sociology/)

Related Programs

- Criminal Justice (p. 132)
- Education (p. 666)
- History (p. 323)
- Social Justice Through Civic Engagement (p. 509)

Sociology Major Requirements

(42 credits)

Code	Title	Credits
Sociology Major Curriculum		
Required Courses: [1]		
SOC 101	Sociological Imagination	3
SOC 201	Intro Seminar in Sociology	3
SOC 301	Methods of Sociological Research	3
SOC 314	Social Theory	3
SOC 400	Senior Seminar	3
Select three of the following: [2]		9
SOC 311	Social and Cultural Change	
SOC 315	Issues in Modern Social Theory	
SOC 317	Law and Lawyers	
SOC 330	Class and Economic Inequality	
SOC 340	Power and Politics	
SOC 355	Social Interaction	
Select six of the following sociology electives:		18
SOC 110	Cultural Anthropology	
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 205	Families	
SOC 206	Deviance and Crime	
SOC 207	Racial and Ethnic Relations	

SOC 211	Social Movements
SOC 216	Youth and Crime
SOC 225	Population Study
SOC 245	Social Problems
SOC 246	Drugs, Crime & American Society
SOC 247	Aging
SOC 248	Social Service Organizations
SOC 252	Media, Culture and Society
SOC 261	Schools and Schooling
SOC 269	Physical Anthropology
SOC 270	Area Studies: Africa
SOC 271	Area Studies
SOC 272	Area Studies: Indians of North America
SOC 300	Work and Occupations
SOC 308	Cities And Suburbs
SOC 309	Peasant Society
SOC 310	Pre-Industrial Economies
SOC 311	Social and Cultural Change
SOC 312	Women in Society
SOC 313	Gender and Criminal Justice
SOC 314	Social Theory
SOC 315	Issues in Modern Social Theory
SOC 316	Feminist Social Thought
SOC 317	Law and Lawyers
SOC 320	Religion and Belief Systems
SOC 321	White Collar and Corporate Crime
SOC 322	Punishment and Corrections
SOC 325	Population Study
SOC 330	Class and Economic Inequality
SOC 340	Power and Politics
SOC 341	Developing Societies
SOC 342	Police and American Society
SOC 343	Policing and Counter Terrorism
SOC 345	Race and Crime
SOC 346	Health Care and Society
SOC 349	Retirement and Leisure
SOC 350	Social Policy
SOC 355	Social Interaction
SOC 396	Applied Sociology
SOC 401	Sex and the Body in Society
SOC 490	Independent Study: Research and Creative Expression
SOC 491	Internship in Sociology
SOC 496	Honors in Sociology
or SOC 497	Honors in Sociology
Total Credits	**42**

[1]

Course sequence recommendations: The Sociological Imagination preferably should be taken in the freshman year, the Introductory Seminar in the sophomore year, Methods and Social Theory in the junior year. Your particular sequence of courses will be arranged in consultation with your advisor.

[2]

Additional courses from the above list may be taken beyond the minimum to satisfy the Sociology electives component of sociology major requirements

Note: Seniors planning to attend graduate school should take the Graduate Record Examination, including the Advanced Test in Sociology.

Sociology Minor Requirements

(21 credits)

Code	Title	Credits
Required Course:		
SOC 101	Sociological Imagination	3
Select two of the following courses:		**6**
SOC 201	Intro Seminar in Sociology	
SOC 300	Work and Occupations	
SOC 311	Social and Cultural Change	
SOC 315	Issues in Modern Social Theory	
SOC 317	Law and Lawyers	
SOC 330	Class and Economic Inequality	
SOC 340	Power and Politics	
SOC 355	Social Interaction	
Select four of the following courses:		**12**
SOC 110	Cultural Anthropology	
SOC 119	Introduction to Criminal Justice: Police, Courts, Corrections	
SOC 205	Families	
SOC 206	Deviance and Crime	
SOC 207	Racial and Ethnic Relations	
SOC 211	Social Movements	
SOC 216	Youth and Crime	
SOC 225	Population Study	
SOC 245	Social Problems	
SOC 246	Drugs, Crime & American Society	
SOC 247	Aging	
SOC 248	Social Service Organizations	
SOC 252	Media, Culture and Society	
SOC 261	Schools and Schooling	
SOC 269	Physical Anthropology	
SOC 270	Area Studies: Africa	
SOC 271	Area Studies	
SOC 272	Area Studies: Indians of North America	
SOC 300	Work and Occupations	
SOC 308	Cities And Suburbs	
SOC 309	Peasant Society	
SOC 310	Pre-Industrial Economies	
SOC 311	Social and Cultural Change	
SOC 312	Women in Society	
SOC 313	Gender and Criminal Justice	
SOC 314	Social Theory	
SOC 315	Issues in Modern Social Theory	
SOC 316	Feminist Social Thought	
SOC 317	Law and Lawyers	

SOC 320	Religion and Belief Systems	
SOC 321	White Collar and Corporate Crime	
SOC 322	Punishment and Corrections	
SOC 325	Population Study	
SOC 330	Class and Economic Inequality	
SOC 340	Power and Politics	
SOC 341	Developing Societies	
SOC 342	Police and American Society	
SOC 343	Policing and Counter Terrorism	
SOC 345	Race and Crime	
SOC 346	Health Care and Society	
SOC 349	Retirement and Leisure	
SOC 350	Social Policy	
SOC 355	Social Interaction	
SOC 361	Sel Top: Studies Soc. of Art	
SOC 396	Applied Sociology	
SOC 396	Applied Sociology	
SOC 401	Sex and the Body in Society	
SOC 490	Independent Study: Research and Creative Expression	
SOC 491	Internship in Sociology	
or SOC 497	Honors in Sociology	
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
SOC 101	Sociological Imagination	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Spring Semester		
SOC 201	Intro Seminar in Sociology	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Social Perspectives		3
Foreign Language [1]		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
Required Sociology Elective (1 of 6) [3]		3
Required Sociology Elective (2 of 6) [3]		3
Aesthetic Perspectives: Literature		3
Aesthetic Perspectives: Fine Arts		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
Required Sociology Elective (3 of 6) [3]		3
Required Sociology Elective (4 of 6) [3]		3
Scientific Perspectives		3
Philosophical Perspectives		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
SOC 314	Social Theory	3
Sociology Requirement 300 Level (1 of 3)		3
Required Sociology Elective (5 of 6) [3]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Spring Semester		
SOC 301	Methods of Sociological Research	3
Required Sociology Elective (6 of 6) [3]		3
Sociology Requirement 300 Level (2 of 3)		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
Sociology Requirement 300 Level (3 of 3)		3
SOC 400 Senior Seminar or Elective Course Credits		3
Elective Course Credits [2]		3
Elective Course Credits		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
Spring Semester		
Elective Course Credits		3
SOC 400 Senior Seminar or Elective Course Credits		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
Elective Course Credits [2]		3
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1 For course placement information see https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing (https://www.rider.edu/student-life/first-year-experience/orientation/placement-testing/)

2 Please note that elective credits may be used to complete requirements in a second major or minor.

3

Select from the following: SOC 311,SOC 315, SOC 317, SOC 330, SOC 340, SOC 355

Courses and Descriptions

SOC 101 Sociological Imagination 3 Credits
Introduction to principles and concepts for the sociological analysis of human societies. Social relations, social structure, and institutions characteristic of societies past and present are examined, and causes and directions of social change are considered. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

SOC 110 Cultural Anthropology 3 Credits
The anthropological perspective is introduced, placing human behavior and institutions within their evolutionary, ecological, structural, and ideological contexts. Examples are drawn from the full range of human societies, with an emphasis on nonindustrial forms.

SOC 119 Introduction to Criminal Justice: Police, Courts, Corrections 3 Credits
This course introduces students to the sociological study of the criminal justice system. It examines the cultural and social foundations of this system, and review debates about problems with the criminal justice system and proposals to change it. Topics covered include nature of the crime problem, requirements of criminal law, policing, the role of the courts and legal professionals, sentencing, incarceration and alternatives to it.
Prerequisite(s): SOC 101.

SOC 142 The Legal & Policy Dimensions of Cannabis 1.5 Credits
In this course, you will learn about drug policy in the United States through the lens of cannabis. Theoretical and empirical arguments for, and consequences of, prohibition, and legalization will be considered with special attention to race, class, and gender. Opportunities and challenges springing from recent legal reforms and a rapidly expanding legal industry will be considered using a variety of cultural, legal, and academic sources.

SOC 143 From Plant to Profession: Practical Skills & Applications 1.5 Credits
Put your new cannabis knowledge to use in real world settings! In this final skills-based course of Rider's Cannabis Studies certificate, you will expand on the initial knowledge you've obtained through completing Rider's foundational courses in business, biology, and the law. You will learn directly from key experts in the field, whose knowledge about key trends in the cannabis industry will prepare you to explore unmatched opportunities to enter the rapidly expanding cannabis industry. Content will expose students to cannabis horticulture, science, clinical practice, and legal compliance to prepare them to enter into a variety of cannabis industry positions.
Prerequisite(s): SOC 142, BIO 102, and BUS 150.

SOC 150 Introduction to Forensics 3 Credits
Introduces students to principles of forensic science. Whether the issue is establishing paternity or cause of death, determining arson or liability, or deciding criminal guilt or innocence, collecting and evaluating forensic material is typically involved. Students will learn the meaning and significance of scientific evidence and its role in criminal investigations and civil and criminal trials. Students will learn how forensic scientists work, define a problem, collect data, and analyze results. Case studies, crime simulations and examination of criminal evidence will highlight the application of scientific principles.

SOC 201 Intro Seminar in Sociology 3 Credits
Designed for students considering a major or minor in sociology. The seminar locates sociology in relation to other disciplines; reviews the basic perspectives used by sociologists to study human behavior; and considers the methods and applications of sociological inquiry.
Prerequisite(s): SOC 101.

SOC 204 Law, Literature, and Film in America 3 Credits
Focuses in an interdisciplinary manner on law and justice as represented in American literature and films. It analyzes novels, short stories, and selected non-fiction texts from the perspectives of literary criticism, social history, and cultural and American studies.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 206 Deviance and Crime 3 Credits
Considers deviant behavior as violation of social norms. Examines the concepts of deviance and crime in socio-historical context. Evaluates major theories advanced to explain deviance. Surveys different types of deviance, including conventional crime, non-criminal deviant behavior, and white-collar corporate, and government crime.
Prerequisite(s): SOC 101.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 210 Criminal Investigation 3 Credits
Approaches criminal investigation conceptually. Students consider the social issues involved in criminal investigation, as well as ethical and legal aspects of it. The course covers such topics such as the principles of criminal investigations, the rules and procedures of preliminary and follow-up investigations, the art of interrogation, recording of statements, confessions, and the collection and preservation of physical evidence at the crime scene. Emphasis is placed on the need for meticulous adherence to rules of law and ethical practices, as an investigation proceeds from initial actions to arrest, and eventual prosecution. The course also examines the methods used in scientific interpretation of evidence and the preparation of criminal cases for trials, as well as its role in today's criminal justice system.
Prerequisite(s): SOC 150.

SOC 211 Social Movements 3 Credits
This course examines social movements that seek change in the social, cultural and political structures of society. The social, economic and political contexts of these movements are treated as well as their origins, tactics, organization, recruitment, and successes and failures. Case studies focus on movements in the areas of labor, civil rights, feminism, the environment, "right wing politics", and neighborhood activism.

SOC 216 Youth and Crime 3 Credits
In-depth examination of the nature and extent of youth criminality in the U.S. Explores changes in youth culture and theories of delinquency. Social policies are related to youth criminality and the youth justice system is considered.

SOC 225 Population Study 3 Credits
Demography; its definition, historical emergence, and growth; population as a social problem in developing and developed nations; population theories, sources and methods of demographic data, population composition, and distribution; demographic processes including fertility, mortality, and migration.

SOC 230 Foundations of Civic Engagement 3 Credits
This course is an introduction to civic engagement: its meanings, opportunities and limitations. Students will learn about the different opportunities for civic engagement in the community as well as the theories and skills associated with it. Students will learn the role of formal and informal institutions in community engagement and will identify a specific organization for in depth investigation.
Prerequisite(s): SOC 101.

SOC 245 Social Problems 3 Credits
American social, economic, and political institutions and their interrelationships are analyzed, with an emphasis on the causes, directions, and consequences of social change in American society.

SOC 246 Drugs, Crime & American Society 3 Credits
Explores the nature and extent of drug use in the U.S., how drugs are legally defined and socially constructed, and considers how and why drug policies have developed and changed historically. Considers how the criminalization of drugs has impacted policing strategies, courts, probation programs, sentencing and corrections, as well as other social institutions. Examines the role of local and federal agencies in enforcing drug laws, and considers debates about directions for legal reforms.

SOC 247 Aging 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 248 Social Service Organizations 3 Credits
Examines the growth and variety of social service organizations. The training of providers, such as teachers and physicians, and relationships between professionals and clients in settings such as schools and hospitals are studied as well as organizational decision-making, finances, and community relations.
Prerequisite(s): SOC 101.

SOC 252 Media, Culture and Society 3 Credits
Examines mass-produced commercial culture, how it has developed, and the role it plays in modern society. Analyzes the content of these cultural forms, how its production is organized, and how audiences perceive it.

SOC 261 Schools and Schooling 3 Credits
Schools and the process of schooling are analyzed within a broad historical perspective as well as within the structural and cultural context of American society. Education within a global perspective is also considered. Issues discussed include school funding, integration, tracking, technology, bureaucratization, and the "cultural wars" fought within the schools.

SOC 269 Physical Anthropology 3 Credits
An analysis of the biological development of the human capacity for culture. Topics include: modern theories of evolution and their application to human evolution; the relationship of human beings to other primates, the human fossil record, and variation among modern human populations. A background in biological studies is not necessary.
Prerequisite(s): SOC 101.

SOC 270 Area Studies: Africa 3 Credits
An intensive investigation of problems arising from historical and contemporary studies of tribal, peasant, and transitional societies in Africa south of the Sahara.
Prerequisite(s): SOC 101.

SOC 271 Area Studies 3 Credits
Studies problems arising from historical and contemporary studies of peasant populations of Europe.
Prerequisite(s): SOC 101.

SOC 272 Area Studies: Indians of North America 3 Credits
Societies and cultures of the Indians of North America from the Arctic to Mesoamerica. Emphasis on evidence of these tribal groups prior to extensive acculturation and their contemporary situation.
Prerequisite(s): SOC 101.

SOC 280 Social Movements Abroad 3 Credits
This course will provide students with an international perspective on community-engaged strategies for addressing social problems, with a special focus on social welfare and justice. This course utilizes an international experiential component via a faculty led study abroad course and is mixed modal: online and on site internationally. Through seminars with local experts, case examples, dialogue, and visits to exemplary organizations, students will learn about strategies for engaging communities in creating change, honoring indigenous knowledge and practice, working to enhance leadership, and facilitating change in the context of larger social institutions. Through readings, online discussions, and self-reflection students will gain a greater understanding of social movements across the host country, with special emphasis on the culture and experiences of international residents.

SOC 300 Work and Occupations 3 Credits
Analyzes the nature and organization of work in modern society. Focuses on such issues as division of labor, specialization, alienation, professionalization, and the role of technological change. Includes an examination of the historical development of work in the 20th century, and a consideration of contemporary and future patterns of work organization.
Prerequisite(s): SOC 101.

SOC 301 Methods of Sociological Research 3 Credits
One of the required courses in both the Sociology and Criminal Justice majors, Methods of Sociological Research introduces students to basic research processes in the social sciences. The course introduces students to both quantitative and qualitative approaches and data analysis using both original and secondary sources. Students will also complete an original research paper in this course.
Prerequisites: SOC 101 or SOW 250.

SOC 302 Crime & Justice in the Media 3 Credits
This course focuses on the impact of media on Americans' perceptions and understanding of the extent and causes of crime, and the effectiveness and purposes of crime policy. It examines how criminals, types of crime, crime policies and the criminal justice system are portrayed in various media outlets, including film, tv, newspaper, and electronic/internet. It explores the historical and contemporary relationships between media representations of criminal behavior, crime as a social problem, and the nature of the criminal justice system and contrasts these to their social realities.

SOC 304 Women and Law 3 Credits
Explores the social, economic, political and cultural context of laws relating to women and gender, such as workplace discrimination, divorce and child custody and reproductive rights. It examines how such laws have changed historically and the impact such laws have had on women as well as on men and on American social institutions, such as the family, politics, and the workplace. The course also examines women in the legal profession and their impact on the practice of law and legal reasoning.

SOC 307 Criminal Justice Practice 3 Credits
This course will consider the ways criminal justice agencies and occupations are shaped by social, economic, political, technological and legal changes. Through case studies and projects students will examine the work, culture, and work settings of various criminal justice practitioners, assess the impact of social policies on criminal justice careers, and identify new directions in the field. Students will develop the reading and writing skills needed by an array of criminal justice practitioners.

SOC 308 Cities And Suburbs 3 Credits
Examines the growth of an urban way of life under the influence of industrialism. Study of community, political, and economic institutions in cities. Comparisons between urban and suburban areas.
Prerequisite(s): SOC 101.

SOC 309 Peasant Society 3 Credits
A comparative view of peasants and their significance in agrarian, colonial, and industrial societies. Peasant economic, political, and social institutions are analyzed with an eye to both their internal operation and the way they relate to non-peasant groups who hold power in these societies. The changes that have occurred in the peasant world are viewed both as a consequence and a cause of wide reaching political and economic upheaval.
Prerequisite(s): SOC 101.

SOC 310 Pre-Industrial Economies 3 Credits
The anthropological study of technology, production, and exchange in nonmarket cultures, as related to the social, ideological, and ecological systems in which they are embedded. The question of whether the concepts that derive from market economies can be applied to all economic systems is considered in detail.
Prerequisite(s): SOC 101.

SOC 311 Social and Cultural Change 3 Credits
Investigates the process of change in both industrial and nonindustrial settings. Particular attention paid to the role of the individual in change as well as the roles played by the mode of production, social organization, and ideological constructs. Case studies are drawn from non-Western as well as Western sources.
Prerequisite(s): SOC 101.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 313 Gender and Criminal Justice 3 Credits
This course will examine women's experiences with the criminal justice system as offenders, victims, prisoners, and practitioners. It will consider how gender has shaped theories of crime and criminological research. It will explore how cultural constructions of gender have influenced substantive and procedural criminal law, the ways criminal justice agencies respond to crime, and how these have changed historically. Attention will be given to the development of new approaches, reforms, and challenges.
Prerequisite(s): SOC 101.

SOC 314 Social Theory 3 Credits
Introduces the major thinkers and conceptual problems characterizing the development of sociological thought. Required of sociology majors.
Prerequisite(s): SOC 201.

SOC 315 Issues in Modern Social Theory 3 Credits
Examines current trends and issues in sociological thought.
Prerequisite(s): SOC 314 or permission of instructor.

SOC 316 Feminist Social Thought 3 Credits
An introduction to feminist social theory, with emphasis on its breadth and variety. Special attention paid to the ways feminist theorists have analyzed the relationship of gender to other kinds of group differences.
Prerequisite(s): SOC 101.

SOC 317 Law and Lawyers 3 Credits
Relationships between law, the economy, and the state are explored. Discussion of laws, legal systems and legal reasoning using cross-cultural comparisons and historical analysis of these in the United States. Particular attention given to impact of law on corporations, workers, women, and minorities. Changes in legal profession and legal education are examined.
Prerequisite(s): SOC 101.

SOC 318 Hate Crimes in the United States 3 Credits
Provides an interdisciplinary exploration of hate crimes in the United States, its causes and consequences. It will examine the social, political, and legal issues that have shaped policies and laws designed to respond to hate crimes and assess their effectiveness. Debates about the nature of hate crimes and the special laws and sentencing provisions developed to deal with them will be discussed. Topics include hate crimes on college campuses, hate on the Internet, legal and constitutional issues, and criminal justice enforcement.

SOC 320 Religion and Belief Systems 3 Credits
The relation of religious phenomena to social structures and processes; religion in cross-cultural perspective.
Prerequisite(s): SOC 101.

SOC 321 White Collar and Corporate Crime 3 Credits
This course will identify, explore, and study the unique criminological characteristics of the crime subtypes white collar crime and corporate crime. In addition to developing a formal definition of white collar crime and corporate crime, students will study: (a) the nature of the criminal act and the criminal actor(s); (b) the extent or scope of the white collar/corporate crime problem; (c) the factors that contribute to the crime decision, and (d) the various prevention and mitigation strategies used to address the white collar crime/corporate crime problem. Students will learn to evaluate historical cases of white collar crime/corporate crime and apply criminological theory to actual cases.
Prerequisite(s): SOC 101.

SOC 322 Punishment and Corrections 3 Credits
This course explores the nature, forms, rationales, and effectiveness of punishment as a form of crime control. It traces the development of corrections in the U.S., identifies cultural trends and developments in penology, including mass incarceration and supermax prisons, considers the ways race and class have shaped these, and the reverberating effects penal policies have had on American culture and society beyond the criminal justice system. It examines the role of laws, politics, crime control agencies, as well as of media, and corporations in shaping penal policies. Topics also include: prison subcultures, inmate rights, correctional practices, privatization of prisons, and alternatives to punitive policies of incarceration and capital punishment.
Prerequisite(s): SOC 101.

SOC 325 Population Study 3 Credits

SOC 330 Class and Economic Inequality 3 Credits
Social, economic, and political aspects of the division of society into classes are considered. Theories of stratification and the distribution of wealth, power, and prestige in societies past and present are examined.
Prerequisite(s): SOC 101.

SOC 333 Convict Criminology 3 Credits
Convict Criminology is the study of crime and the advancement of criminological ideas and contributions originating from the first-hand experiences of convicts/ex-convicts. Convict criminologists are primarily current or former criminal justice system-involved individuals who have pursued and achieved advanced degrees and are actively researching relevant criminal justice issues. In addition to fully defining convict criminology as a school of thought, this course will explore the history, development, and current and future place of convict criminology in the overall criminology field. The course will identify key convict criminology writings and research and will include a comparative review of traditional versus convict criminological approaches and how differing motivations and priorities have impact on the incarcerated, and the current system responses to them. Students will identify, document and analyze other ways of hearing the convict perspective and voice to see if this convict view can offer additional insight on how to address those in confinement and perhaps suggest solutions to a broad range of criminal justice system questions. Sophomores, Juniors and Seniors ONLY.

SOC 340 Power and Politics 3 Credits
Examines the nature and distribution of power in contemporary societies; analyzes the relationships between power and politics.
Prerequisite(s): SOC 101.

SOC 341 Developing Societies 3 Credits
Examines theories explaining patterns of development; indicators and measures of social well-being; and problems such as population, hunger and environmental crises in developing countries. Focuses especially on patterns of development in Latin America or China.
Prerequisite(s): SOC 101.

SOC 342 Police and American Society 3 Credits
This course examines important issues regarding police in American society, such as the paradoxes inherent in police work, police organization and strategies and their effectiveness, the dilemmas of supervising police work, police unionism, the nature and implications of police occupational subculture, the use of police discretion, forms of police misconduct and accountability, professionalization of police and the trend toward police privatization. It also considers the diversity of the police force, trends in the delivery of policing services, the impact of new technologies on policing, and the challenges of policing in a multicultural society.
Prerequisite(s): SOC 101.

SOC 343 Policing and Counter Terrorism 3 Credits
This course is designed as an upper level (undergraduate/graduate) combination lecture and discussion section on the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspectives on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survival, to societal security, to unit level-variables such as Human Security.
Prerequisite(s): SOC 101.

SOC 344 Gangs in America 3 Credits
This course explores the extent and nature of street gangs in the US and public reaction to them. The course considers what gang membership means, and when gangs are cohesive or not. The course will focus on the functioning and process of the justice system and its response to gangs. Students will examine potential strategies to address gang crime, weigh the costs and benefits of these various actions, and discuss how to rehabilitate both low level and serious gang offenders.
Prerequisite(s): CMP 125.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

SOC 347 Aging and the Elderly 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 348 Human Service Organizations 3 Credits

SOC 349 Retirement and Leisure 3 Credits
Examines the social phenomena of retirement as an event, process, social role, and life stage. Explores the meaning of leisure, time utilization, and creativity among the elderly. Defines related problems and issues, i.e., financial, physical, psychosocial, and environ-mental. Positive as well as negative implications are presented and evaluated.
Prerequisite(s): SOC 247 recommended.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

SOC 351 The Rights of the Accused 3 Credits
Analyzes the major substantive and procedural rights accorded to the criminally accused by the United States Constitution. Particular attention will be given to the right to counsel, confessions and self-incrimination, arrest, search and seizure. Students will learn to argue and write hypothetical case opinions.

SOC 355 Social Interaction 3 Credits
Examines the interpersonal relation between and among people in private life, public places, and at work. Explains how such relations affect and are affected by changes in the larger social structure.
Prerequisite(s): SOC 101.

SOC 360 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 361 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 362 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 363 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 364 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 365 Selected Top: Social Movements 3 Credits
FALL 2012 - This course examines movements that seek change in the social, cultural and political structures of society. The social, economic and political contexts of these movements are treated as well as their origins, tactics, organization, recruitment, and successes and failures. Case studies focus on movements in the areas of labor, civil rights, feminism, the environment, "right wing politics", and neighborhood activism. In today's world, social movements abound. Movements such as the Tea Party and the Occupy movements demonstrate that they can take place across the political spectrum of society. Moreover, the interconnectedness of the world economy creates social movements throughout the world, whether in Asia, the Mid-East or Europe that have direct affects on the United States. Because the coverage of these movements are given considerable media exposure, students (and the public) tend to accept the interpretations of these movements as presented in the narratives of the media coverage. This class will provide a systematic academic treatment of social movements. Because social movements target structural and cultural institutions in society, the study of these movements will not only provide an understanding of these movements, but of larger social problems in society as well.
Prerequisite(s): SOC 101.

SOC 367 Selected Topics: Environment 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 368 Selected Topics in Sociology 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 369 Selected Topics in Sociology 3 Credits

SOC 396 Applied Sociology 3 Credits
Shows how sociology can be applied in work settings. As participant observers in organizations related to their career objectives, students learn to apply sociological knowledge, perspectives, and skills. In class meetings and individual consultations with the instructor, students examine the applied dimensions of sociology, the uses of sociology in various occupations, the ethical issues involved in applied sociology, and the culture and structure of their work organization.
Prerequisite(s): SOC 101.

SOC 400 Senior Seminar 3 Credits
For sociology majors only. This seminar involves in-depth examination and research of a specific issue of current importance in the discipline. Learning to do sociology is emphasized.
Prerequisite(s): SOC 201, SOC 301, SOC 314.

SOC 401 Sex and the Body in Society 3 Credits
Examines cultural meanings and social practices associated with sex and the body. Contemporary cultural norms and practices in the U.S. will be compared to other societies, historically and cross-culturally. Variations in sexual practices, ideals of sexual attractiveness according to age, gender, race, ethnicity, class and sexual orientation also will be discussed. Topics may include beauty industries (e.g. cosmetics, diet, fashion, surgery, drugs), sex and the workplace, the impact of media, social policy, and technology on ideals of sexual attractiveness, birth control, and sexual violence.
Prerequisite(s): SOC 101.

SOC 460 Criminal Justice Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of crime, criminal law and criminal justice institutions, and applies these to a specific topic, method, institution, or controversy. Topics vary. Students will be expected to contribute to seminar discussions and to complete research projects related to the seminar theme. Required for senior criminal justice majors; open to others only by permission of the chair.

SOC 490 Independent Study: Research and Creative Expression 1-4 Credits
Juniors or seniors who have completed at least 12 credit hours in sociology may propose an independent research project with the aid and advice of any full-time faculty member of the department. Proposals must be reviewed and approved by the sponsoring faculty member and submitted to the department's Independent Study Committee at least four weeks prior to the last day of classes for the semester preceding Independent Study.
Prerequisite(s): SOC 101.

SOC 491 Internship in Sociology 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of applications of sociology in work settings and to analyze work settings using sociological knowledge and research methods. Placements are made in business, government, and community offices that utilize sociological knowledge or research skills.
Prerequisite(s): 2.75 GPA.

SOC 496 Honors in Sociology 3-6 Credits
Training in the efficient collection of data that has a bearing on the problem being investigated. Stresses the technique of proper summarization of the collected material as well as the integration of that material into a comprehensive report. A research design is prepared and hypotheses tested in the field. The original library research is then combined with the findings to produce a mini-thesis. Approval of student's program by a sponsoring faculty member and the department Independent Study Committee is required.
Prerequisite(s): SOC 201, SOC 301.

SOC 497 Honors in Sociology 3-6 Credits
Training in the efficient collection of data that has a bearing on the problem being investigated. Stresses the technique of proper summarization of the collected material as well as the integration of that material into a comprehensive report. A research design is prepared and hypotheses tested in the field. The original library research is then combined with the findings to produce a mini-thesis. Approval of student's program by a sponsoring faculty member and the department Independent Study Committee is required.
Prerequisite(s): SOC 201, SOC 301.

Spanish

Program Overview

Majoring in a foreign language such as Spanish allows students to pursue careers in business, management, law, government, teaching, translation, publishing, communications, and travel.

At Rider, Spanish majors acquire an international perspective and a unique intercultural sensitivity. Advanced foreign language skills combined with intercultural expertise increase the employment prospects of students in the global marketplace of today.

A major or minor in Spanish offers students the opportunity to receive a practical grounding in language and culture through a challenging curriculum which may include study abroad. In addition, our language, literature, film, and culture courses prepare students to understand cultural diversity abroad and at home, to appreciate their own language and culture, and to gain global awareness. An individual fluent in another language acquires insight into the world in which we live. Advanced foreign language skills, combined with an international perspective and intercultural expertise, position our students for productive careers in the global and multicultural marketplaces of the 21st century. Faculty engagement in research and teaching excellence combines with our unique "accent on the individual" through advisement and co-curricular opportunities to create a challenging yet supportive atmosphere in which students can realize their potential.

A major or minor in Spanish will complement many degree programs in business, education, music, and the liberal arts.

Students have access to a Foreign Language Media Center with 25 computer workstations with internet access for self-paced work and classroom instruction including interactive audio, video, and text-based materials.

Curriculum Overview

Classes in the Spanish major include Spanish for business, advanced communication in Spanish, Spanish culture and civilization, Latinx Cultures, Latin American/Latino culture, Introduction to Spanish literature, Cervantes, the Spanish golden age, and modern Hispanic literature and cinema.

Some requirements may be met by studying abroad. Students may also minor in French or Chinese.

Student Learning Outcomes

Graduates with a degree in Spanish will be able to:

- demonstrate communicative competence in Spanish;
- discuss cross-cultural topics;
- analyze and critique the products, practices, and perspectives of world cultures of Spanish-speaking communities;
- compare and contrast value systems across cultures.

Honors Programs in Languages, Literatures and Cultures

The department faculty will identify prospective honors students at the earliest possible moment and offer them challenges and encouragement to develop to their highest potential. A student who has a 3.25 cumulative average and a 3.5 in the major may be invited by the department, upon recommendation of a faculty member, to become a candidate for the 3-credit honors thesis or capstone project. Details of the thesis or capstone project will be arranged to accommodate the interests of the individual student.

The thesis/capstone project is completed during the senior year. It represents the culmination of a student's academic experience and is an irreplaceable learning experience for the development of research, writing, and critical thinking skills for graduate school admissions and success, as well as work in numerous careers. Students who successfully complete the thesis or capstone project and retain the required cumulative and major grade point average will graduate with honors.

Degree Offered

- B.A. in Spanish

Contact

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Program Website: Spanish (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/undergraduate/spanish/)

Associated Department: Department of Languages, Literatures and Cultures (http://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/)

Related Programs

- Chinese (p. 110)
- French (p. 277)

Spanish Major Requirements

(39 credits: 27 credits beyond the Spanish 200-level courses and 12 credits in collateral liberal arts courses)

Code	Title	Credits
Major Requirements:		
SPA 300	Advanced Grammar & Composition	3
or SPA 302	Writing and Translating	
SPA 301	Spanish for Business	3
or SPA 303	Advanced Communication and Popular Cultures	
or SPA 395	Phonetics for Communication	
SPA 310	Spanish Culture & Civilization	3
or SPA 311	Latin American & Latinx Cultures	
or SPA 312	Latinx Cultures	
SPA 320	Introduction to Spanish Literature	3
SPA 325	Introduction to Latin-American/Latino Literature	3
Advanced Coursework		**12**
Select any 4 courses below totaling 12 credits:		
A. Early Modern Peninsular		
SPA 305	Cervantes	
SPA 403	Medieval Literature	
SPA 415	Spanish Renaissance	
SPA 416	The Spanish Golden Age	
B. Early Modern Latin American		
SPA 420/LAC 420	From Colonies to Nations	
C. Modern Hispanic		
SPA 410	Modern Hispanic Poetry	
SPA 411	Modern Spanish Novel	
SPA 412	Theater and Film of the Hispanic World	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
D. Modern Latin American		
SPA 426	Latin American/Latino Film and Fiction	
SPA 430	Latinx Community Engagement	
Electives		
SPA 490	Independent Study: Research and Creative Expression	
SPA 496	Special Studies	
Liberal Arts Options		
Select one of the options below:		12
Option I		
Four courses of language:		
a. two courses in two different languages OR		
b. four courses in one language		
Option II		
Three classes of one language and one additional class from among the following options:		
a. Masterworks 250 or 251, OR		
b. SPA 200 or SPA 201		
Option III		
Two classes from one language and two additional classes from among the following options:		
a. Masterworks 250 and/or 251, OR		
b. SPA 200 and/or SPA 201		
Total Credits		**39**

Note:

1. Students who complete SPA 490 during their senior year may substitute with one of the collateral requirements.
2. Some of the requirements for the major may be met by Study Abroad. Students are strongly encouraged to spend at least one semester abroad.
3. All majors must take at least one Spanish course per semester in the senior year.
4. Students must receive a grade of "C" or better in courses required for the major or minor in the department. If a student receives a grade lower than "C" in a required course, the student must meet with his/her academic advisor to discuss the appropriate action that must be taken to remedy the situation.

Spanish Minor Requirements

(18 credits)

Language and Literature Track

Spanish for Business and the Professions Track

Language and Literature Track

(18 credits)

Code	Title	Credits
SPA 200 & SPA 201	Spanish III and Spanish IV [1]	6
SPA 300	Advanced Grammar & Composition	3
or SPA 302	Writing and Translating	
SPA 320	Introduction to Spanish Literature	3
or SPA 325	Introduction to Latin-American/Latino Literature	

Two additional courses at the 300-level or above, including at least one course at the 400-level		6
SPA 303	Advanced Communication and Popular Cultures	
SPA 305	Cervantes	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
SPA 312	Latinx Cultures	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 395	Phonetics for Communication	
SPA 403	Medieval Literature	
SPA 410	Modern Hispanic Poetry	
SPA 411	Modern Spanish Novel	
SPA 412	Theater and Film of the Hispanic World	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 415	Spanish Renaissance	
SPA 416	The Spanish Golden Age	
SPA 420	From Colonies to Nations	
SPA 426	Latin American/Latino Film and Fiction	
SPA 430	Latinx Community Engagement	
SPA 496	Special Studies	
Total Credits		**18**

1

Two advanced courses will be substituted for the 200-level courses upon demonstrated proficiency.

Note:

1. Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper level course upon completion of a study abroad program.

Spanish for Business and the Professions Track

(18 credits)

Code	Title	Credits
SPA 200 & SPA 201	Spanish III and Spanish IV [1]	6
SPA 300 or SPA 302	Advanced Grammar & Composition Writing and Translating	3
SPA 301	Spanish for Business	3
Two additional courses at the 300-level or above, one of which must be a literature course, and one in culture		6
SPA 303	Advanced Communication and Popular Cultures	
SPA 305	Cervantes	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
SPA 312	Latinx Cultures	
SPA 320	Introduction to Spanish Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 395	Phonetics for Communication	
SPA 403	Medieval Literature	
SPA 410	Modern Hispanic Poetry	
SPA 411	Modern Spanish Novel	
SPA 412	Theater and Film of the Hispanic World	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 415	Spanish Renaissance	
SPA 416	The Spanish Golden Age	
SPA 420	From Colonies to Nations	
SPA 426	Latin American/Latino Film and Fiction	
SPA 430	Latinx Community Engagement	
SPA 496	Special Studies	
Total Credits		**18**

1

Two advanced courses will be substituted for the 200-level courses upon demonstrated proficiency.

Note:

1. Some of the requirements for the minor may be met by Study Abroad by agreement with the department. Students must enroll in at least one upper level course upon completion of a study abroad program.
2. Students must receive a grade of "C" or better in courses required for the major or minor in the department. If a student receives a grade lower than "C" in a required course, the student must meet with his/her academic advisor to discuss the appropriate action that must be taken to remedy the situation.

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
SPA 200	Spanish III [1]	3
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
SPA 201	Spanish IV	3
SPA 310 or SPA 311 or SPA 312	Spanish Culture & Civilization or Latin American Cultures or Latinx Cultures	3
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
SPA 300 or SPA 302	Advanced Grammar & Composition or Writing and Translating	3
SPA 320	Introduction to Spanish Literature	3

Select one of the following:		**3**
CHI 100	Chinese I	
FRE 100	French I	
GER 100	German I	
ITA 100	Italian I	
Social Perspectives		3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
SPA 325	Introduction to Latin-American/Latino Literature	3
SPA 301 or SPA 303	Spanish for Business or Advanced Communication and Popular Cultures	3
Select one of the following:		**3**
CHI 101	Chinese II	
FRE 101	French II	
GER 101	German II	
ITA 101	Italian II	
Aesthetic Perspectives: Fine Arts		3
Aesthetic Perspectives: Literature		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
SPA 420 or SPA 312	From Colonies to Nations or Latinx Cultures	3
LIT 250	Masterworks of Western Literature I	3
Select one of the following:		**3**
CHI 200	Chinese III	
FRE 200	French III	
GER 200	German III	
ITA 200	Italian III	
Elective Course Credits [2]		6
	Semester Credit Hours	**15**
Spring Semester		
SPA 426	Latin American/Latino Film and Fiction	3
LIT 251	Masterworks of Western Literature II	3
Elective Course Credits		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
SPA 410 or SPA 411	Modern Hispanic Poetry or Modern Spanish Novel	3
Elective Course Credits		12
	Semester Credit Hours	**15**
Spring Semester		
SPA 305 or SPA 416	Cervantes or The Spanish Golden Age	3
SPA 490	Independent Study: Research and Creative Expression	3
Elective Course Credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1.

For course placement information please visit https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information (https://www.rider.edu/offices-services/new-student-orientation/placement-testing-information/)

2.

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

SPA 100 Spanish I 3 Credits
Introduction to the fundamentals of Spanish grammar, with emphasis on communicative skills, in culturally authentic contexts. Students are required to work extensively with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): placement test if Spanish has been studied elsewhere.

SPA 101 Spanish II 3 Credits
Continuation of Spanish 100. Emphasizes the use of language for communicative and cultural competency while developing a solid grammar foundation in Spanish. Students are required to work extensively with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): SPA 100 or placement test.

SPA 102 Elementary Spanish II Abroad 3 Credits
This course is the second part of the first-year experience in Spanish and is designed for students who have taken Spanish for Beginners I and who are interested in experiences abroad in a Spanish speaking culture. The aim is to develop the four basic skills (listening comprehension, speaking, reading, and writing) in and beyond the classroom. The discussion of distinctive cultural aspects of the Hispanic world is an integral part of this course as well as to encourage students to experience the world through the eyes of the other culture by exposing them to the literature and arts of the local culture. This course takes 8 weeks in total, 7 weeks at Rider online and 1 week abroad. During the seven weeks, students practice linguistic skills and gain cultural knowledge related to the country of destination. These skills and knowledge will prepare the students for the one week abroad experience.
Prerequisite(s): SPA 100 with a minimum grade of D.

SPA 103 Introductory Medical Spanish 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive, and presentational communication skills as well as growth in cultural, literary, and interdisciplinary knowledge as they move through a sequence of study. This course is the second part of the first-year experience in Spanish during which the development of communicative and cultural competencies is at the center of this experience. At the end of the course, successful students will be able to handle a variety of uncomplicated communicative tasks in straightforward social situations. They will also develop a sense of the cultural aspects of peoples who speak the target language. This course offers an additional focus on the use of Spanish across a variety of medical professions. Students interested in careers in medicine, nursing, counseling, physical therapy, chiropractic education, healthcare communication, public policy or other related fields will benefit from the linguistic (i.e., vocabulary and grammar) and sociocultural topics examined in this course. In addition to learning grammar and vocabulary that will translate into real-world skills in medical and healthcare professions (e.g., talking to patients, navigating a hospital setting, diagnosing illnesses), students will also explore sociocultural topics on how Latinx communities in the United States relate to medical and healthcare services and industries. In order to take this course, students must have taken Spanish I (SPA 100) at Rider or placed into Spanish II or Introductory Medical Spanish (SPA 101 or SPA 103) on the Foreign Language Placement Test.

SPA 200 Spanish III 3 Credits
A focus on key communicative structures in Spanish with emphasis on aural-oral (listening and speaking skills) and composition writing. Cultural and literary readings and films will be used to develop these skills. A special section may be offered to address the needs of native speakers. Students may be required to work with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): SPA 101, 102, 103 or placement test.

SPA 201 Spanish IV 3 Credits
A continuation of communicative Spanish review with emphasis on aural-oral and written skills to prepare students for further study. The discussion of distinctive cultural aspects of the Hispanic world is an integral part of this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisites: SPA 200 or placement test.

SPA 300 Advanced Grammar & Composition 3 Credits
A systematic review of grammatical structure. The development of writing skills, in preparation for upper level courses in literature, culture and professional language.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 301 Spanish for Business 3 Credits
A solid foundation in business vocabulary and cultural concepts; situational practice in geographic and cultural contexts necessary to be successful in today's Spanish-speaking world. Practice in writing business letters and other documents. Oral and written assignments to help students improve their critical thinking and become better communicators.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 302 Writing and Translating 3 Credits
Practice in writing and an introduction to translation for students who will use Spanish in their professional lives. Using literary, cultural and journalistic sources, students learn various writing discourses including narration, description, exposition, argumentation, and journalistic and letter writing. Translation involves preliminary study of translation theory and techniques, and practice with texts from students' chosen careers. Additional study of Spanish grammar as necessary.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 303 Advanced Communication and Popular Cultures 3 Credits
The focus of the course is to strengthen the student's aural comprehension and speaking skills by providing a framework for regular guided practice of fundamental grammar structures and vocabulary enhancement in the context of Hispanic cultures. Listening activities will include live speech, video recordings, film shorts and one full-length movie. Speaking tasks will be reinforced with written exercises.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 305 Cervantes 3 Credits
A detailed study of Cervantes' masterpiece, El ingenioso hidalgo Don Quijote de la Mancha. Lectures, discussions, and supplementary readings.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 310 Spanish Culture & Civilization 3 Credits
Spain's cultural achievements are studied in light of the country's unique historical and social reality through the use of historical, artistic, architectural, cinematic and literary sources. Cross-cultural awareness is enhanced through exercises that compare Spanish and American society. Classes are in English. No knowledge of Spanish required. This course may contain an optional travel component offered before or after the semester or during spring break.

SPA 311 Latin American Cultures 3 Credits
A panoramic survey of Latin American cultural achievements in light of the unique social and political history from the pre-Columbian period to the present. Classes are in English. No knowledge of Spanish is required.

SPA 312 Latinx Cultures 3 Credits
This course focuses on the cultural formation of Latinos/as/x in the United States, as well as the social and political motivations for Latin American migration to this country. Our class will analyze and question how various Latinx communities are grouped into a single U.S.-Latino Diaspora. This course takes a transdisciplinary approach, thus we will consider literary texts (short stories, poems, films, novels), historical and anthropological studies, and sociological works in our examination of Latinx cultures. The main goals of the course are for students to begin to conceptualize: 1) how the United States has been shaped by the presence of Latino/a/x communities, and 2) how Latino/a/x experiences are reflected in literature and art. Classes are in English. No knowledge of Spanish is required.

SPA 320 Introduction to Spanish Literature 3 Credits
Examines through lectures, readings and class discussions selected texts and their relationship to the main currents of European literary history. Introduction to the practice of literary analysis through written composition. Required for majors. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 325 Introduction to Latin-American/Latino Literature 3 Credits
A study of the development of Latin-American and Latino literature from its origins to the present through the reading, analysis and discussion of representative works by major authors. This course increases the understanding of how social, historical, and political events, together with native as well as foreign literary movements, create a unique literature, conveying the Hispanic-American reality. Required for majors. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 395 Phonetics for Communication 3 Credits
A systematic study of the production of Spanish sounds with practice in phonetic transcription and a preliminary investigation of dialects.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 403 Medieval Literature 3 Credits
Surveys the literature of Spain during the Middle Ages, with special emphasis on major writers such as Gonzalo de Berceo and Don Juan Manuel, and attention to the epic and the medieval ballad. Modern versions of medieval Spanish are used.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 410 Modern Hispanic Poetry 3 Credits
Surveys the poetic genre, emphasizing how to read, analyze, and appreciate poetry. Major poets from Spain and Spanish America of the 19th and 20th centuries representing the main currents of modern lyricism are studied. Focuses on such major writers as Rosalía de Castro, Darío, Jiménez, Machado, Vallejo, Mistral, Neruda, Lorca, Paz, Ana Rossetti, Nicolas Guillen, and Nancy Morejon.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 411 Modern Spanish Novel 3 Credits
Traces the development of the Spanish novel, paying particular attention to the masters of the 19th-century Realism (Galdos and Clarín), the innovations and experimentation of the Generation of '98 (Unamuno, Baroja, Valle-Inclan, and Pérez de Ayala), and the novelists of the post-Civil War and contemporary periods (Cela, Delibes, Goytisolo, Martín Gaite, Matute, Fernandez Cubas, and Javier Marías). Emphasis on the aesthetics of the novel as a literary form.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 412 Theater and Film of the Hispanic World 3 Credits
This course explores through theater and cinema the compelling issues that have shaped Hispanic cultures and consciousness throughout the centuries. Sample topics include war and remembrance; myth and history; freedom and authority; immigration; globalization; and race, class, and gender. The course may focus on specific authors or historical periods. Representative playwrights include Lope de Vega, Zayas, Zorrilla, Avellaneda, Lorca, Buero Vallejo, Sastre, Solorzano, Carballido, Lopez Mozo, and Pedrero. Directors include Buñuel, Saura, Gutiérrez Alea, Almodovar, Rocha, Salles, Erice, Zambrano, and Bollaín.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 413 The Hispanic Short Story: Transatlantic Connections 3 Credits
This course will introduce students to the most representative writers of the short story in Spain and Latin America from Romanticism to the present. Students will be prepared to perform close readings of the literary genre under study, to analyze the form and content of the texts read, paying due attention to all internal and external aspects that impact the narrative process and the evolution of the short story. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 415 Spanish Renaissance 3 Credits
The origins and evolution of the Renaissance in Spain and of the literary expression of Renaissance culture as reflected in the development and perfection of prose and lyrical styles through the 16th century. Topics include the medieval heritage, Spanish Humanism, the Celestina, the Renaissance ideal in amatory prose and poetry, mysticism, the ballad, and the picaresque novel.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 416 The Spanish Golden Age 3 Credits
The literature of Spain during a period of political decline and outstanding aesthetic achievement: Lope de Vega and the rise of a national theatre; Calderon's drama of ideas; the development of the novella and the picaresque novel; the poetry and prose of Gongora, Quevedo, and Gracian. Also includes an introduction to literary theory.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 420 From Colonies to Nations 3 Credits
This course consists of a panoramic survey of Colonial Latin American literature in light of the unique social, cultural and political history from the pre-Columbian to the Independence period (1825). Course taught in Spanish. Note: This course is cross-listed as LAC 420. Students may not get credit for both SPA 420 and LAC 420.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 426 Latin American/Latino Film and Fiction 3 Credits
A study of the main trends in contemporary Hispanic fiction written in Latin America and the United States. Analysis and discussion of selected novels and short stories, and their cinematic representation on film. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 430 Latinx Community Engagement 3 Credits
This course explores the experiences of Latinx individuals and communities across the United States through a) class meetings and discussions, and b) community engagement with pre-established partner organizations in and around Lawrenceville, NJ. Broadly, our course will examine questions related to identity, race, ethnicity, language, transnationalism, (im)migration, the border, (im)migrant detention, and solidarity movements.
Prerequisite(s): SPA 201 or above.

SPA 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

SPA 491 Internship in Foreign Languages 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major.
Prerequisite(s): students should have completed at least one 300-level course in the foreign language.

SPA 496 Special Studies 3 Credits
A seminar open to a variety of topics treating a particular author, period, genre, theme, or issue.
Prerequisite(s): permission of instructor.

Sports Media

Program Overview

The sports media program allows students to learn and utilize their communication skills in an academic setting that reflects a professional environment. The program features classes in sports journalism, broadcasting/announcing, content creation, social media, and public relations. Besides course work in these areas, students will have the opportunity to cover sports for ESPN+, 107.7 The Bronc (https://www.1077thebronc.com/), The Rider News (https://www.theridernews.com), Rider University's Divison I athletics program and a multitude of internships in the nearby New York City and Philadelphia markets. From the first day students set foot on campus, they can be involved with the coverage and production of sporting contests that leads them to the ultimate goal of developing a professional portfolio to market themselves with upon graduation.

Curriculum Overview

Students will learn the fundamental and advanced procedures involved with journalism, television and public relations. All of these academic areas are focused on sports content in order to make a student well versed in both communication skills and the inner workings of the sports media industry.

Classes will utilize the Department of Communication, Journalism and Media's three state-of-the-art journalism labs, television studio, radio studio, and have access to college and professional sports organizations.

Because of Rider's commitment to professional learning, students will be able to produce content for 107.7 The Bronc (https://www.1077thebronc.com/), The Rider News (https://www.theridernews.com/), The Rider University Network R.U.N. TV (http://runetwork.weebly.com), and intern with the many college and professional teams located within minutes from campus.

The capstone experience for Sports Media students is a live sports reporting class in which students attend multiple live sporting events and create content from the press box and have access to post-game interviews.

Degree Offered

- B.A. in Sports Media
- Minor in Sports Media

Contact

Nancy Wiencek, PhD
Professor and Chair
Department of Communication, Journalism and Media
School of Communication, Media and Performing Arts
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Program website: Sports Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/sports-media/)

Associated Department: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs:

- Communication Studies (p. 114)
- Film and Television (p. 904)
- Graphic Design (p. 301)

- Journalism (p. 346)
- Public Relations (p. 482)
- Radio and Podcasting (p. 493)
- Social Media Strategies (p. 512)
- Sports Management (p. 532)
- Web Design (p. 561)

Sports Media Major Requirements

(45 credits)

Code	Title	Credits
CAS General Education Curriculum		
See CAS General Education Curriculum Page (p. 1146)		
Department Core:		
COM 102	Introduction to News Writing	3
COM 105	Communication, Culture and Media	3
COM 131	Fundamentals of Video Production	3
COM 204	Advanced Speech Communication	3
COM 264	Digital Media: Theory and Practice	3
COM 301	Communication Law	3
COM 302	Communication Ethics	3
Required Courses for the Sports Media Major:		
SPT 250	Introduction to the Business of Sports	3
COM 247	Covering the Sports Betting Industry	3
COM 270	Sports Multimedia Reporting	3
COM 347	Sports Communication	3
COM 370	Sports Television and Field Production	3
COM 371	Sports Feature Content Creation	3
or COM 316	Feature Writing	
COM 470	Live Sports Reporting Capstone	3
Select one of the following:		**3**
MKT 280	Sports Marketing	
COM 211	Copy Editing	
COM 280	Issues in Event Planning	
COM 314	Development & Communication of Nonprofit Organizations in Sport	
COM 327	Career Development in the Sports Marketplace	
COM 361	Photography	
COM 491	Internship in Communication	
Total Credits		**45**

Sports Media Minor Requirements

(21 credits)

Code	Title	Credits
COM 102	Introduction to News Writing	3
COM 131	Fundamentals of Video Production	3
COM 270	Sports Multimedia Reporting	3
COM 347	Sports Communication	3
COM 361	Photography	3
COM 370	Sports Television and Field Production	3
COM 470	Live Sports Reporting Capstone	3
Total Credits		**21**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CMP 120	Seminar in Writing and Rhetoric	3
MTH 102	Finite Mathematics	3
HIS 150	World History to 1500	3
COM 102	Introduction to News Writing	3
Scientific Perspectives		3
	Semester Credit Hours	**15**
Spring Semester		
CMP 125	Seminar in Writing and Research	3
HIS 151	World History Since 1500	3
COM 104	Speech Communication	3
COM 105	Communication, Culture and Media	3
Social Perspectives		3
	Semester Credit Hours	**15**
Year 2		
Fall Semester		
COM 131	Fundamentals of Video Production	3
COM 264	Digital Media: Theory and Practice	3
Scientific Perspectives		3
Aesthetic Perspectives: Fine Arts		3
Foreign Language [2]		3
	Semester Credit Hours	**15**
Spring Semester		
SPT 250	Introduction to the Business of Sports	3
COM 270	Sports Multimedia Reporting	3
Aesthetic Perspectives: Literature		3
Philosophical Perspectives		3
Foreign Language [2]		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
MKT 200	Marketing Principles	3
COM 240	Public Relations	3
COM 361	Photography	3
COM 370	Sports Television and Field Production	3
Elective Course Credits [1]		3
	Semester Credit Hours	**15**
Spring Semester		
COM 204	Advanced Speech Communication	3
MKT 280	Sports Marketing	3
COM 301	Communication Law	3

COM 371 or COM 316	Sports Feature Content Creation or Feature Writing	3
Elective Course Credits [3]		3
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
COM 247	Covering the Sports Betting Industry	3
COM 302	Communication Ethics	3
COM 347	Sports Communication	3
Elective Course Credits		6
	Semester Credit Hours	**15**
Spring Semester		
COM 470	Live Sports Reporting Capstone	3
Sports Media Elective		3
Elective Course Credits		9
	Semester Credit Hours	**15**
	Total Credit Hours for Graduation	**120**

1

Suggested elective courses: SPT 355, AMS 211

2

For course placement information, see the course placement page (http://www.rider.edu/offices-services/orientation/course-placement/).

3

Please note that elective credits may be used to complete requirements in a second major or minor.

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

SPT 250 Introduction to the Business of Sports 3 Credits
This course is designed to introduce the student to the business of sports. Business principles, such as management, marketing, law, finance and economics will be applied to the business of sports. The course will also explore the various career opportunities in the world of sports.

Sustainability Studies

Program Overview

Environmental sustainability is clearly a defining issue of the 21st century. Alarming patterns of environmental degradation have emerged since the beginning of the industrial revolution. Creating social, systematic, and commercial structures that reverse this trend by explicitly acknowledging and nurturing the interconnectedness of the

natural and human environment is an important challenge facing Rider's graduates. Educators, entrepreneurs, chemists, journalists, psychologists and analysts will all need to understand the ways that our economic, natural and social systems work together to sustain the collective human enterprise.

Concentrating on the interdependence of natural, economic and human systems, the sustainability studies minor helps students explore the complex task of protecting the earth while generating economic welfare and ensuring social justice. Because the minor draws on a network of approaches (social, scientific, economic), students will be equipped to take on increasingly pressing challenges in areas ranging from education and energy, communications and design to ecosystems management, business and government.

The program also provides students with opportunities to get under the hood, exploring what "going green" really means. Coursework is application-intensive. The introductory course will expose students to a wide range of issues, from food to packaging, from natural lands preservation to building sustainable communities. Other coursework complements students exploration of these issues. A broad range of internship and independent study opportunities are available for interested students. The capstone course brings together a team of students to address a real problem on the Rider campus, hopefully making significant changes along the way.

Students in the sustainability studies minor will take six courses (20-21 credits) in environmental and social sciences, ethics and business. Sustainability-related courses that contribute to the minor are offered within many majors. The introductory course is deeply interdisciplinary, drawing on expertise from across the University in the social sciences, business, history, philosophy, ecology, physics and marketing. After this introduction, students are expected to complete an independent study or internship project on or off campus that provides hands-on experience with the complex tasks required to make systems more sustainable. The capstone course draws on the interests and expertise of the enrolled students who together will identify a specific sustainability challenge on the Rider campus and devise, implement, and measure the effects of a plan to address it.

Minor Offered

- Minor in Sustainability Studies

Contact

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Program Website: Sustainability Studies (http://www.rider.edu/sustainability-studies/)

Associated Department: Earth & Chemical Science (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/earth-chemical-sciences/)

Related Programs

- Accounting (p. 19)
- Earth and Environmental Sciences (p. 195)
- Environmental Sciences (p. 246)
- Environmental Studies (p. 253)
- Geology (p. 290)
- Global Supply Chain Management (p. 295)
- Marine Sciences (p. 380)
- Political Science (p. 449)
- Sociology (p. 518)

Sustainability Studies Minor Requirements

(20-21 credits)

Code	Title	Credits
Foundation Courses [1]		**14**
SUS 100	Introduction to Sustainability Studies	
ENV 100	Introduction to Environmental Sciences	
PHL 215	Environmental Ethics	
GSC 115	Introduction to Global Supply Chain Mgt.	
Disciplinary Explorations [2]		**3-4**
Select one of the following:		
AMS 304	Technology and Science in America	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest	
BIO 350	General Ecology	
ENG 218	Literature and the Environment	
ENG 318	Food Writing	
ENG 322	Grant Proposals, Fundraising and Development	
ENV 200	Statistical and Computer Applications in the Natural Sciences	
ENV 205	Introduction to Geographic Information Systems	
ENV 220	Weather and Climate Change	
HIS 224	American Environmental History	
POL 215	Global Politics	
POL 328	Environmental Politics	
POL 329	Comparative Environmental Policy	
POL 330	Geopolitics of Energy	
SOC 225	Population Study	
SOC 340	Power and Politics	
SOC 350	Social Policy	
Experiential Learning [3]		**3**
SUS 490	Independent Study: Research and Creative Expression	
SUS 491	Internship in Sustainability	
Total Credits		**20-21**

1 PHL 202 or PHL 360 may be substituted with permission of the chair.

2 Or other special topics courses as reviewed by a quorum of the GEMS faculty.

3 Students must earn 3 credits total from SUS 490, SUS 491, or a combination of these two courses. SUS 491 may only be taken twice.

Courses and Descriptions

SUS 100 Introduction to Sustainability Studies 4 Credits
Sustainability is an idea that will shape the lives of all in the 21st century. Students will explore how we arrived at our current precarious environmental situation and investigate cutting-edge methods that support human development and protect the natural ecosystems on which we will depend. By exploring principles of sustainability (whole-systems approaches, resource limitations, stewardship) through many different lenses, students will appreciate the interdisciplinarity of the sustainability enterprise. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): SUS 100L.

SUS 100L Intro to Sustainability Lab 0 Credits
For students concurrently taking SUS 100. Field trips, visiting speakers, and films to complement topics covered in the introductory course. One three-hour laboratory per week.
Corequisite(s): SUS 100.

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

GSC 115 Introduction to Global Supply Chain Mgt. 3 Credits
This course introduces students to components of global supply chains and issues of managing the global supply chain. It is designed as a survey course to give first or second year business students a general view of supply chain management at both domestic and international levels, as well as familiarize them with basic concepts and major challenges of supply chain management. Delivery of course material will include lectures and guest speakers from industry, and in-class logistics mini cases.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

SUS 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in applying sustainability principles in a field setting. Students are expected to assess the outcomes of their projects and communicate their results verbally and in writing to interested audiences.

SUS 491 Internship in Sustainability 1-4 Credits
A supervised work/service experience in an approved organization where students gain understanding and experience with applying sustainability principles. Placements may be in private, public, educational, non-profit or governmental organizations. Students are expected to include measurement and documentation of the environmental, social, and economic impact of their work. A minimum of 50 hours of work is required for one credit. At least 150 hours are required to earn 3 credits.

Teaching English to Speakers of Other Languages (TESOL)

Overview

The Certificate in TESOL is for non-education students and it is geared to those interested in teaching English or other content areas such as mathematics, biology, philosophy, or history among others, in bilingual settings abroad or in adult education programs after graduation. This 9-credit program links current research to best practices in the field of language teaching. It offers an introduction to language learning theories, teaching methodology, and classroom management, with opportunities to work with actual students and receive feedback from professors.

Admission Requirements

Advanced low in the ACTFL English proficiency scale or B2 in the Common European Framework of Reference for Languages for those who are not native speakers of English.

Degree Offered

- Certificate in TESOL (Teaching English to Speakers of Other Languages)

Contact

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School of Humanities and Social Sciences
Fine Arts

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Associated Department: Languages, Literatures and Cultures (https://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/)

Certificate Requirements

(9 credits)

Code	Title	Credits
Required Course:		
FLE 420	Teaching a Second Language	3
Select one of the following:		**3**
ENG 236	Applied Grammar & Syntax	
ENG 336	Grammar and Style	
FLE 320	Introduction to Linguistics and Psycholinguistics	
Select one of the following:		**3**
CHI 310	Chinese Culture and Civilization	
CHI 311	Calligraphy As a Window to Chinese Language and Culture	
FRE 311	French Culture	
GLS 180	Understanding Global Relations	
IND 210	Global Encounters	
MCS 110	Race, Class and Gender in Contemporary American Society	
MCS 220	Issues in Multicultural Studies	
SOC 207	Racial and Ethnic Relations	
SPA 102	Elementary Spanish II Abroad	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
Total Credits		**9**

In addition to the courses above a Practicum of 20 hours is required to complete the certificate.

Courses and Descriptions

CHI 310 Chinese Culture and Civilization 3 Credits
This course introduces students to Chinese Civilization and Culture. Through reading, viewing, discussion, and presentation, students will have a chance to "experience" Chinese cultural riches and "interact with" its long history, religions, philosophies, literature and art, politics, as well as its different peoples and diverse customs. We will learn about China's ancient dynasties and its cultural and aesthetic achievements in the past, and its modern revolutions, nationalism, communism, and post-Mao economic and political reforms today. We will also explore Chinese customs, particularly festivals, and try to gain an appreciation of different social relationships and diverse cultural practices. No knowledge of Chinese required. This course offers an optional TRIP TO CHINA during Spring Break or in May WHICH WILL EARN 3 ENGAGED LEARNING POINTS. Interested students must register for the travel course separately from taking CHI 310.

CHI 311 Calligraphy As a Window to Chinese Language and Culture 3 Credits
This course provides students with a chance to gain an intimate knowledge of Chinese language and culture through calligraphy. Students will learn the basic principles and techniques of writing Chinese characters with the writing brush. They will be introduced to the pronunciation, the composition and evolution of Chinese characters so that they will be able to read and understand what they write. Students will also learn how calligraphy is immersed in various aspects of Chinese culture. The main content of the course derives from examining applications of calligraphy to poetry, painting, and core concepts of Confucianism, Daoism and Buddhism. They will have a chance to cross time and space, having dialogues with Confucius, experiencing Buddhist bliss of final "awakening" or "enlightenment" and abandoning themselves to the Daoist spontaneous flow with the movement of Nature and the cosmos. No knowledge of Chinese language is required.

ENG 236 Applied Grammar & Syntax 3 Credits
This course offers a review of the essential elements of English grammar and syntax and fosters understanding of how these elements work in notable argumentative and expository writing as well as in the student's own compositions. Focus is on both expert reading and effective writing. Changing attitudes toward usage, including influence of digital media on language use, are discussed. May be taken as preparation for, or independently of ENG 336, which addresses grammar, syntax, and style at a more advanced level.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 336 Grammar and Style 3 Credits
By building a comprehensive knowledge of the conventions of English grammar, punctuation and syntax, students will learn how to analyze the way words, phrases, sentences, and paragraphs work in expert writing, and they will apply this knowledge to their own writing. Emphasis is on argument, exposition, and analysis.
Prerequisite(s): completion of composition requirements or permission of instructor.

FLE 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to general linguistics and basic contrastive study of English, French, German, and Spanish sounds, forms, and syntax. Students visit schools where they interview language learners and sample their speech for analysis. Applications of these studies are made to creating instructional materials and to teaching. Theories of language acquisition as well as factors affecting second language learning, including learning styles and personality, are studied. A rationale for communicative language teaching and learning is constructed. Note: This course is cross-listed as EDU 320. Students may not get credit for both FLE 320 and EDU 320.

FLE 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross- cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolios and philosophy of second language teaching, prepare a thematic unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. Note: This course is cross-listed as EDU 420 and EDUC 521. Students may not get credit for FLE 420, EDU 420, and EDUC 521. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

FRE 311 French Culture 3 Credits
A study of modern France and French value orientations as they are rooted in tradition and history and continue to shape everyday life as well as institutions, social organizations, artistic expression, education, attitudes and human interaction. A comparative approach will examine the underlying differences between France and the United States. Classes are in English.

GLS 180 Understanding Global Relations 3 Credits
Offers an introduction to Global and Multinational Studies by exposing the student to basic concepts necessary to understand the dynamics underlying the emerging worldwide society of diverse nations. The student will become acquainted with the mechanisms by which contacts are built across nations, and the factors that shape the conception of and relations with "the other.".

IND 210 Global Encounters 3 Credits
This course provides students with an exposure to foreign cultures consisting of both travel and study components. Destinations may include countries in Europe, Latin America, or Asia. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. A travel fee is required. No foreign language skills are required unless otherwise indicated.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 220 Issues in Multicultural Studies 3 Credits
An examination of issues and questions posed by the existence of diversity in social life. Students build on what they have learned in MCS 110 by focusing in greater depth on selected aspects of multicultural interaction. Topics change each semester and are listed in the course roster. Recent topics include "Understanding Privilege," "The Meaning of Difference," and "Narratives of Human Difference: Science, Politics, Literature."
Prerequisite(s): MCS 110 or permission of instructor.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SPA 102 Elementary Spanish II Abroad 3 Credits
This course is the second part of the first-year experience in Spanish and is designed for students who have taken Spanish for Beginners I and who are interested in experiences abroad in a Spanish speaking culture. The aim is to develop the four basic skills (listening comprehension, speaking, reading, and writing) in and beyond the classroom. The discussion of distinctive cultural aspects of the Hispanic world is an integral part of this course as well as to encourage students to experience the world through the eyes of the other culture by exposing them to the literature and arts of the local culture. This course takes 8 weeks in total, 7 weeks at Rider online and 1 week abroad. During the seven weeks, students practice linguistic skills and gain cultural knowledge related to the country of destination. These skills and knowledge will prepare the students for the one week abroad experience.
Prerequisite(s): SPA 100 with a minimum grade of D.

SPA 310 Spanish Culture & Civilization 3 Credits
Spain's cultural achievements are studied in light of the country's unique historical and social reality through the use of historical, artistic, architectural, cinematic and literary sources. Cross-cultural awareness is enhanced through exercises that compare Spanish and American society. Classes are in English. No knowledge of Spanish required. This course may contain an optional travel component offered before or after the semester or during spring break.

SPA 311 Latin American Cultures 3 Credits
A panoramic survey of Latin American cultural achievements in light of the unique social and political history from the pre-Columbian period to the present. Classes are in English. No knowledge of Spanish is required.

Theatre

Program Overview

In addition to a full array of theatre coursework, six main-stage productions each year give students a wide variety of experiences and opportunities. As a theatre major at Rider, students have the choice of pursuing a design & technology or contemporary theatre practice track. Musical theatre majors receive an education in the various areas necessary to develop as a professional musical theatre performer. Design & Technology majors are offered a wide range of courses in the various aspects of theatre production. Contemporary Theatre Practice majors use their degree to pursue careers as educators, directors, playwrights, producers, and dramaturgs. Both tracks allow you the ability to add a second major or minor.

Audition or Interview

A satisfactory audition or interview must be completed before a student is accepted into this major. Audition and interview requirements may be found on the Admissions audition website (http://www.rider.edu/ugauditions/).

Degrees Offered

- B.A. in Theatre: Contemporary Theatre Practice
- B.A. in Theatre: Design & Technology

Contact

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Program Website: Theatre (http://www.rider.edu/theatre/)

Associated Department: Performing Arts

Related Programs:

- Arts and Entertainment Industries Management
- Dance
- Musical Theatre / Musical Direction (p. 433) (http://catalog.rider.edu/undergraduate/colleges-schools/westminster-college-arts/fine-performing-arts/majors-minors-certificates/music-theatre-piano-primary-bm/)

Theatre Major Program Requirements

General Remarks

For all majors offered in the Theatre & Dance Department students must earn a minimum grade of "C" in those courses required in the major area in order to make satisfactory progress. If a grade of "C-" or lower is earned, the course must be repeated.

Theatre majors must select one area of concentration below:

Contemporary Theatre Practice Concentration Requirements (p. 545)(43 credits)

Design & Technology Concentration Requirements (p. 546) (51 credits)

Contemporary Theatre Practice Concentration
(54 credits)

Code	Title	Credits
General Education Requirements		
Performing Arts General Education Requirements (p. 1154)		
Aesthetic Perspectives		
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
THE 260	History of Style and Decor	3
THE 118	Visual Imagination	3
Choose One Elective from list below:		
THE 319	Costume Design	3
or THE 317	Scenic Design	
or THE 318	Stage Lighting Design	
or THE 228	Projection Design	
or THE 227	Properties and Scenic Painting	
Foundations of Management/Leadership		
AAD 121	Arts Management Foundations	3
AAD 307	Touring and Production Management	3
THE 219	Stage Management	3
Components of Process		
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab (taken 6 times) [1]	0
THE 190	Production I (taken 2 times for a total of 2 credits)	2
THE 215	Introduction to Theatrical Lighting and Sound	3
THE 216	Introduction to Scenic Construction	3
THE 240	Script Analysis	3
THE 250	Introduction to Costume Construction	3
THE 400	Directing for the Stage I	3
Choose one elective from list below to align with path choice		
THE 110	Acting II: Scene Study	3
or THE 401	Directing for the Stage II	
or THE 491	Internship in Theater	
Putting It Together		
THE 201	Devised Theatre	3
THE 390	Production III (Taken 1 time for 1 credit)	1
THE 496	Senior Internship (OR Senior Capstone)	3
or THE 498	Senior Capstone	
Total Credits		**54**

[1]

Double majors should consult with their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum total credits of lab required by each major though some of those credits may come from a different discipline.

Theatre Design and Technology Concentration

Code	Title	Credits
General Education Requirements		
Performing Arts General Education Requirements (p. 1154)		
Design and Technology Requirements		
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab (Repeat 6 times) [1]	0
THE 118	Visual Imagination	3
THE 190	Production I (taken 3 times)	3
THE 215	Introduction to Theatrical Lighting and Sound	3
THE 216	Introduction to Scenic Construction	3
THE 219	Stage Management	3
THE 240	Script Analysis	3
THE 250	Introduction to Costume Construction	3
THE 260	History of Style and Decor	3
THE 290	Production II (taken 2 times)	2
THE 390	Production III	1
THE 400	Directing for the Stage I	3
THE 498	Senior Capstone	3
Design Courses: complete all 3 courses:		**9**
THE 318	Stage Lighting Design	
THE 319	Costume Design	
THE 317	Scenic Design	
Technology/Management Courses: select one of the following:		**3**

AAD 121	Arts Management Foundations	
THE 224	Stage Make Up	
THE 226	Drafting for the Stage	
THE 227	Properties and Scenic Painting	
THE 228	Projection Design	
THE 325	Sound Design	
THE 491	Internship in Theater	
Total Credits		**54**

1

Double majors should consult their advisors to determine the most pedagogically appropriate lab to attend. Students should not register in more than one lab per semester. Students are required to complete at least three lab sections in each of their majors before graduation. Students must meet the minimum lab requirements for each of their majors.

Theatre Minor Requirements

(20 credits)

The theatre minor requires an audition for students focusing on performance or an interview for those focusing on technical theatre in order to be accepted into the program.

Code	Title	Credits
Complete the following courses:		
THE 105	Theatre History to 1700	3
THE 106	Theater History Since 1700	3
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab (2 terms)	0
THE 115	Stagecraft	3
Two Theatre elective courses		6
THE 190	Production I [1]	2
or THE 127	Theatre Production	
Total Credits		**20**

1

THE 190 or THE 127 must be taken twice to earn 2 credits.

Academic Plans of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

B.A. in Theatre: Design and Technology (p. 546)
B.A. in Theatre: Contemporary Theatre Practice (p. 548)

B.A. In Theatre: Design and Technology

Course	Title	Credits
Year 1		
Fall Semester		
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab	0
CMP 115 or CMP 120 or BHP 150	Intro to Expository Writing or Seminar in Writing and Rhetoric or Honors Seminar: Great Ideas II	3
THE 190	Production I	1
THE 118	Visual Imagination	3
General Education Electives		6
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 260	History of Style and Decor	3
THE 216 or THE 215	Introduction to Scenic Construction or Introduction to Theatrical Lighting and Sound	3
THE 226 or THE 227	Drafting for the Stage or Properties and Scenic Painting	3
THE 190	Production I	1
CMP 120 or CMP 125	Seminar in Writing and Rhetoric or Seminar in Writing and Research	3
General Education Elective		3
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
THE 111	Theatre Lab	0
THE 190	Production I	1
THE 317 or THE 318	Scenic Design or Stage Lighting Design	3
THE 250	Introduction to Costume Construction (or free elective)	3
THE 224 or AAD 121 or THE 219	Stage Make Up or Arts Management Foundations or Stage Management	3
THE 240	Script Analysis	3
General Education Elective		3
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 319 or THE 260	Costume Design or History of Style and Decor	3
THE 290	Production II	1
THE 240	Script Analysis	3
THE 215 or THE 216	Introduction to Theatrical Lighting and Sound or Introduction to Scenic Construction	3
THE 228 or THE 226 or THE 227 or THE 325	Projection Design or Drafting for the Stage or Properties and Scenic Painting or Sound Design	3
General Education Elective		3
	Semester Credit Hours	**16**
Year 3		
Fall Semester		
THE 111	Theatre Lab	0
THE 290	Production II	1

THE 317	Scenic Design	3
or THE 318	or Stage Lighting Design	
THE 105	Theatre History to 1700	3
General Education Electives		6
THE 224	Stage Make Up	3
or AAD 121	or Arts Management Foundations	
or THE 219	or Stage Management	
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 106	Theater History Since 1700	3
THE 228	Projection Design	3
or THE 226	or Drafting for the Stage	
or THE 227	or Properties and Scenic Painting	
or THE 325	or Sound Design	
THE 390	Production III	1
THE 319	Costume Design (or Free Elective)	3
General Education Electives or Free Electives		6
	Semester Credit Hours	**16**
Year 4		
Fall Semester		
THE 498	Senior Capstone	3
THE 224	Stage Make Up	3
or AAD 121	or Arts Management Foundations	
or THE 219	or Stage Management	
or THE 491	or Internship in Theater	
General Education Electives		6
Free Elective		3
	Semester Credit Hours	**15**
Spring Semester		
THE 400	Directing for the Stage I	3
THE 498	Senior Capstone (or Free Elective)	3
THE 228	Projection Design	3
or THE 227	or Properties and Scenic Painting	
or THE 226	or Drafting for the Stage	
or THE 325	or Sound Design	
or THE 491	or Internship in Theater	
	Semester Credit Hours	**9**
	Total Credit Hours for Graduation	**120**

B.A. in Theatre: Contemporary Theatre Practice

Course	Title	Credits
Year 1		
Fall Semester		
THE 107	Acting I: Intro to Acting	3
THE 111	Theatre Lab	0
THE 190	Production I	1
CMP 115	Intro to Expository Writing	3
or CMP 120	or Seminar in Writing and Rhetoric	
or BHP 150	or Honors Seminar: Great Ideas II	
THE 118	Visual Imagination	3
General Education Courses		6
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 115	Stagecraft	3
CMP 120	Seminar in Writing and Rhetoric	3
or CMP 125	or Seminar in Writing and Research	
THE 190	Production I	1
Contemporary Theatre Elective		3
General Education Elective or Free Electives		6
	Semester Credit Hours	**16**
Year 2		
Fall Semester		
THE 111	Theatre Lab	0
THE 105	Theatre History to 1700	3
THE 207	Contemporary Theatre	3
THE 240	Script Analysis	3
THE 190	Production I	1
General Education Courses		6
	Semester Credit Hours	**16**
Spring Semester		
THE 111	Theatre Lab	0
THE 106	Theater History Since 1700	3
ENG 311	Creative Writing: Playwriting	3
THE 400	Directing for the Stage I	3
General Education Electives		6
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
THE 111	Theatre Lab	0
THE 219	Stage Management	3
General Education Courses or Elective Courses		12
	Semester Credit Hours	**15**
Spring Semester		
THE 111	Theatre Lab	0
THE 493	Contemporary Theatre Ensemble	3
Contemporary Theatre Elective		3
General Education Courses		9
	Semester Credit Hours	**15**
Year 4		
Fall Semester		
THE 498	Senior Capstone	3
or THE 491	or Internship in Theater	
Elective Courses		12
	Semester Credit Hours	**15**
Spring Semester		
Elective Courses		12
	Semester Credit Hours	**12**
	Total Credit Hours for Graduation	**120**

Courses and Descriptions

Theatre Courses (p. 548)
Musical Theatre Courses (p. 552)

Theatre (THE) Course List

THE 103 The Authentic Instrument I: Introduction to Performance Skills 3 Credits
Through Alexander Technique and other methodologies, actors gain awareness of personal habits and begin to find their authentic, truth-telling voice and body—a dynamic and expressive instrument to serve them in any medium.

THE 104 The Authentic Instrument II: Developing the Imaginative Performer 3 Credits
Continuing from THE 103, actors explore psycho-physical techniques (e.g. Michael Chekhov, Viewpoints, Laban) to develop the actor's imagination. The class culminates in a public presentation using the tools that have been cultivated in Authentic Instrument I & II.
Prerequisite(s): THE 103.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

THE 110 Acting II: Scene Study 3 Credits
Basic acting techniques. Emphasis on the ingredients of any action: what am I doing, where, why, who am I, what is my attitude toward partner?
Prerequisite(s): THE 107.

THE 111 Theatre Lab 0 Credits
This class serves as a forum for students to cultivate practical professional skills. Through seminars, guest speakers and master classes, this lab will give the students necessary tools to enter the professional theater. Theater majors must meet the weekly attendance and participation requirements during every semester up to a total of six.

THE 115 Stagecraft 3 Credits
The theory and practice of construction and rigging of stage scenery is offered. Emphasis is on actual productions and road show set-ups. One lecture and two labs per week.

THE 116 Stagecraft Practicum 1 Credits
Work in the various shops and stages specializing in different areas such as carpentry, scenic painting, lighting and electrics, costumes and props, assisting main stage productions under the supervision of the design or technical staff.
Prerequisite(s): THE 115.

THE 118 Visual Imagination 3 Credits
Introduction to the visual world of theater design. Visual examples, physical exercises and handcraft of composition and style, with dramatic input and meaning. The course explores how to translate ideas in a dramatic text into a visual context.

THE 120 Theater Appreciation 3 Credits
By exploration of dramatic literature, conclusions are drawn as to man's relationship to his particular period, style, political, social, and psychological environment. Appreciation of the theatrical event is included. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 127 Theatre Production 1 Credits
Students rehearse and perform roles in a play produced by the department and directed by a member of its faculty.

THE 190 Production I 1 Credits
Students carry out a technical theatre crew position for one or more theatre, musical theatre or dance productions during the semester of course registration. May be repeated seven times, for a total of eight credits.

THE 199 The Arts in Contemporary Civil 3 Credits
An integrated study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama.

THE 201 Devised Theatre 3 Credits
Devised theatre is a process in which a whole creative team – from actors to technicians - develop a new work collaboratively. Students will create an original production inspired by a theme, topic, poem, or circumstance using multimedia, interviews, and other methods and build them through collaborative workshops and rehearsals.

THE 206 American Theatre History 3 Credits
The history of the American theater from the colonial period to the present, emphasizing dramatic scripts and theatrical conventions. Examines important playwrights, theorists, and practitioners representative of each period of American history, emphasizing the 19th and 20th centuries.

THE 207 Contemporary Theatre 3 Credits
The course will engage in exploring the art of contemporary dramatic literature and theatre practices. The scripts studied will reflect the complexity and diversity of contemporary society in various places around the world. Through an examination of a diverse body of scripts, the student will gain a better understanding of the possibilities inherent in the dramatic form, as well as the potential for the form to impact thought and action in society.

THE 215 Introduction to Theatrical Lighting and Sound 3 Credits
This course will introduce students to basic lighting and sound principles and how those integrate into a theatrical performance. The main focus of the class will be analysis and application of lighting and sound equipment commonly used in live performance and how that equipment functions and is installed. The class will also touch on the design process, script analysis, and lighting color theory. These objectives will be achieved through in-depth lectures, class discussions, and hands-on demonstration sessions.

THE 216 Introduction to Scenic Construction 3 Credits
This course will expose students to reading construction drawings, construction techniques, generating material lists, problem-solving, and material and time management as related to scenic construction. A shop participation requirement will allow students to apply course objectives within a real-time production schedule and construction environment.

THE 219 Stage Management 3 Credits
Provide necessary tools to get started as a production stage manager (PSM), including management, leadership, communication and organzational skills. Providing guidelines to prepare production paperwork. Overview of the relationship between the PSM and other production personnel.
Prerequisite(s): THE 115.

THE 220 Movement for the Actor I 3 Credits
This course is an introduction to movement training methodologies, and emphasizes physical awareness and expressivity as it relates to development of character.
Prerequisite(s): THE 110, For Acting majors or by permission of the instructor.

THE 221 Voice for the Actor 1 3 Credits
Focuses on the exploration of the basic principles of vocal production and cultivating the natural expressivity of the voice. Classwork is based upon the classic progression of voice exercises of Kristin Linklater.
Prerequisite(s): THE 107 with a minimum grade of C; restricted to BFA in Acting for Film, Television and Theatre.

THE 222 Voice for the Actor 2 3 Credits
Focuses on the exploration of the International Phonetic Alphabet (IPA) and the use of the IPA in learning dialects (including Standard Neutral American) for the stage.
Prerequisite(s): THE 221.

THE 224 Stage Make Up 3 Credits
Basic application of make up artistry and techniques for the stage. How it can help build a character, and how to apply to self and others.

THE 226 Drafting for the Stage 3 Credits
Covers essential drafting language for staged productions. Drafting of ground plans, sections, elevations, and renderings by hand and with computers.
Prerequisite(s): THE 118.

THE 227 Properties and Scenic Painting 3 Credits
Covers general aspects of scenic painting and props for the stage. Hands on exercises, needs and challenges of each area, how work is usually accomplished in the professional world. Explore different textures, materials and how to combine them.
Prerequisite(s): THE 115 or THE 118.

THE 228 Projection Design 3 Credits
In this course students will learn the basics of video editing software and its application to the performing arts. It will provide them with a general understanding of the needs for projection design, visual possibilities, explore the reasons to use video or projection in a production and its most effective applications within theatrical production limitations.
Prerequisite(s): THE 115, THE 118.

THE 229 Movement for the Actor II 3 Credits
This course is a continuation of study in movement training methodologies (Alexander Technique, Viewpoints, Laban). It will emphasize developing physical awareness and expressiveness as it relates to the development of character work. It will also continue the further cultivation of awareness of habitual psycho-physical patterns that inhibit students in their professional development.
Prerequisite(s): THE 220, THE 221.

THE 240 Script Analysis 3 Credits
This course provides students with a technique for analyzing a theatrical script in terms of its theatrical requirements and aesthetic qualities. Students will use critical research and develop the abilities to write and speak clearly about dramatic literature, the requirements of production, and the experience of performance.
Prerequisite(s): THE 107 with a minimum grade of C.

THE 250 Introduction to Costume Construction 3 Credits
This course will introduce students to basic costume construction methods and alteration skills used by professional costume shops and costume houses to create theatrical costumes. Students will complete several projects, covering hand and machine sewing, cutting, fabric identification, and will also learn how to use home and commercial patterns to cut out garments and simple patterning and draping techniques. Students will also get practical experience by assisting the costume designer and/or shop manager in supporting the needs of the current productions and will have experience taking measurements, fitting and the alteration of actual costumes.

THE 260 History of Style and Decor 3 Credits
This class is a survey of elements, furnishings, decorative motifs and trends in architecture, decor and fashion, starting with prehistory and moving through the early part of the 21st century. It is intended to be a visual survey of the major “periods” of both decor and fashion and is intended to help theatre artists to develop an understanding of visual history.

THE 290 Production II 1 Credits
Students carry out an intermediate level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. Intermediate level technical theatre positions are supervisory positions or assistants to department heads which include, but not limited to, assistant to a designer, Stage Manager, Wardrobe Supervisor, and Master Carpenter.
Prerequisite(s): SO standing; 3 credits of THE 190.

THE 300 Acting for the Camera 3 Credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera.
Prerequisite(s): THE 107.

THE 308 Modern Drama 3 Credits
Surveys American and European drama from 1920 to 1970. All plays are read in English translation. In these plays, theatrical artists address the great themes of this century. While doing so, they also expand the limits of theatrical expression.

THE 310 Acting III 3 Credits
Students will study in-depth techniques for exploring characterization. They will be introduced to the “magic if” and study techniques for placing themselves in the circumstances of the characters they are portraying. They will learn the interior and exterior analysis of characters using “Adler” and “Practical Aesthetics” techniques.
Prerequisite(s): THE 107, THE 110.

THE 311 Acting IV 3 Credits
Students will learn and practice performance techniques that explore a variety of theatrical styles, primarily focused on styles that have a heightened form and/or language.
Prerequisite(s): THE 310.

THE 312 The Arts Abroad 1-3 Credits
A short-term trip abroad that includes a critical study of local & regional arts and culture. Students are required to attend all performances, guided tours, and classes before and after the trip. A travel fee is required. Travel sites and artistic disciplines may vary year to year. May be taken more than once for credit.
Prerequisite(s): Permission of instructor.

THE 313 Voice for the Actor 3 3 Credits
Actors continue their study of vocal progression with Kristen Linklater and the speech work of Patsy Rodenberg, Edith Skinner and Louis Colaianni to develop physical freedom, energy, and expressivity. Advanced diagnostic work of students' voice and speech habits are explored in relationship to work with contemporary, heightened, and stylized texts.
Prerequisite(s): THE 222.

THE 314 Advanced Voice and Speech for the Actor II 3 Credits
Continuing from THE 313, actors apply advanced principles of vocal production and speech work to contemporary, heightened and stylized texts.
Prerequisite(s): THE 313.

THE 315 Acting for the Camera 2 3 Credits
This course is a continuation of the study of acting for the camera.
Prerequisite(s): THE 300.

THE 317 Scenic Design 3 Credits
The study and application of design principles as related to the stage. Incorporates the design process, decor research, styles, materials, and construction technology.
Prerequisite(s): THE 118.

THE 318 Stage Lighting Design 3 Credits
The theory and practice of stage lighting as utilized in concept, dance, and theatre. Considers the nature of light, controlling light, color theory, electricity, electrical safety, and lighting design.
Prerequisite(s): THE 115 or THE 118.

THE 319 Costume Design 3 Credits
Introduction to tasks, skills and expertise of costume design and costuming techniques, relationship with other creative production and cast members. Students will create sketches and develop basic construction plans. Develop familiarity with fabrics, patterns, common challenges in costume design.
Prerequisite(s): THE 115 (for other Theatre majors) or THE 118 (for Design and Technology majors).

THE 325 Sound Design 3 Credits
Introduction to sound design and its diverse use and practice for the staged productions, e.g. plays, musicals, operas and dance.
Prerequisite(s): THE 115.

THE 329 Movement for the Actor III 3 Credits
This course is a continuation of study in movement training methodologies focusing on continued development of expressivity, ease, dynamics and authenticity in character development.
Prerequisite(s): THE 229.

THE 390 Production III 1 Credits
Students carry out an advanced level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. These positions include, but are not limited to, Designer, Production Stage Manager, Props Master, and Technical Director. This course may be taken up to three times for credit.
Prerequisite(s): JR or SR standing; 2 credits of THE 290 and related management/design course or permission of Instructor.

THE 400 Directing for the Stage I 3 Credits
The technique of play directing and production management. Lectures present aesthetic and theoretical concepts that are explored in workshops.
Prerequisite(s): THE 107, THE 115.

THE 401 Directing for the Stage II 3 Credits
This course is designed to provide students with an opportunity to practice and discuss the art of directing, building upon the fundamentals of directing studied in THE 400: Directing I. Further exploration of directing challenges and application of artistic vision is accomplished through the direction of scenes and short scripts.
Prerequisite(s): THE 400.

THE 410 Advanced Performance Workshop 3 Credits
An opportunity to work an entire semester on a specific style or period of theatre, e.g., Shakespeare, farce, Readers' Theater.
Prerequisite(s): THE 107, THE 110.

THE 411 Advanced Performance Online Workshop 3 Credits
An opportunity to work an entire term on a specific style or period of theatre that is most conducive to online instruction.
Prerequisite(s): THE 107, THE 110.

THE 450 NY Experience: Professional Audition Technique and the Business of Acting 3 Credits
Students engage weekly with New York professionals to learn the business of acting and strategies for successful auditions in the NY Film, Television and Theatre industry. Students will participate in mock auditions with casting directors and theatre and on camera directors to refine audition skills. Travel costs to New York are the responsibility of the student.

THE 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credits. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

THE 491 Internship in Theater 1-12 Credits
Provides junior or senior theatre majors the practical experience of working within a professional theater environment. Students must be sponsored by a theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

THE 493 Contemporary Theatre Ensemble 3 Credits
Contemporary Theatre Practice Majors will spend this seminar- style class exploring the myriad of positions that enable them to become true "theatre-makers" in the contemporary field, and will participate in at least one campus production.
Prerequisite(s): THE 190.

THE 495 Selected Topics in Theatre History 3 Credits
Intensive study of a particular topic in the theatre world not typically covered in other courses.

THE 496 Senior Internship 6-12 Credits

THE 497 Theatre Senior Showcase 1 Credits
This course is a senior level experience for BFA acting students, and acts as a bridge between life in the university and life as a professional actor. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent.

THE 498 Senior Capstone 3 Credits
The senior capstone is intended for technical theatre students in their final year. Depending on the required abilities, students will be able to design sets, lights, costumes, props or sound for a mainstage show at Rider University, do research on topics related to technical Theatre, internships outside Rider University or work on projects that will improve the use of facilities, storage or equipment for Theater and Dance Department.

THE 499 Senior Honors Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Musical Theatre (MTR) Course List

MTR 105 Musical Theatre Practicum 1 Credits
This course explores the literature of musical theatre vocal ensembles. It emphasizes examining a wide range of styles. This is a studio/academic class, not a performance ensemble.

MTR 109 Beginning Ballet I 1 Credits
This course introduces the basic elements of ballet technique. Technique is based on the five positions of the legs and feet, coupled with appropriate arm positions. The class consists of a basic ballet barre warm-up that includes stretching and developing strength and turn-out used in dance positions and combinations. Instruction includes jumping, turning, and connecting steps with movement. Ballet terminology is addressed.

MTR 111 Musical Theatre Lab 0 Credits

MTR 112 Advanced Ballet I 1 Credits
Continuation of MTR 109, building upon techniques learned in that course.

MTR 113 Beginning Ballet II 1 Credits
Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 114 Advanced Ballet II 1 Credits
Continuation of MTR 113. Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 120 Hist of American Music Theater 3 Credits
The history of the American Musical from the first American production in 1750 of Gay's The Beggar's Opera up to the present will be traced. Emphasis will be placed upon those common elements which are solely intrinsic to the American stage. Developments and imported ideas (e.g., The British Invasion) will be highlighted.

MTR 131 Music Theory for MT 3 Credits
Teaches students to understand musical form, structure, melody, rhythm and harmony by applying these concepts to musical theatre literature. Includes full analysis of musical theatre songs. Required in the first year.

MTR 132 Group Piano 1 Credits
Offers the musical theatre student appropriate keyboard technique to play any vocal part and to play a rudimentary accompaniment. Required of all second-year students.
Prerequisite(s): MTR 131.

MTR 133 Sight Singing for MT 3 Credits
Intensive class in reading music, designed for musical theatre students. Traditional solfeggio techniques used with musical theatre texts whenever possible. Required of first-year students.
Prerequisite(s): MTR 131.

MTR 209 Tap Dance I 1 Credits
Introduction to the basic elements of tap dancing. Tap technique is geared to enhance rhythm and motor skills, basic elements that will be used to connect several steps and movements into combinations. Other variations such as "soft shoe" or "clogging" are included.

MTR 210 Tap Dance II 1 Credits
Continuation of MTR 209. Combinations most often used in music theater productions are emphasized.
Prerequisite(s): MTR 209.

MTR 211 Ballet III 1 Credits
Intermediate ballet, expending upon Ballet II and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 114.

MTR 212 Ballet IV 1 Credits
Continuation of MTR 211. Intermediate ballet, expanding upon Ballet III and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 211.

MTR 215 MT Performance: Song as Text 3 Credits
In this course the student will learn how to develop a performance of musical text by making doable, actable choices and applying those choices to musical monologues – solo songs.
Prerequisite(s): THE 110.

MTR 216 Acting for Music Theater I 3 Credits
This professional skills course, intended for music theater majors, builds upon the student's previous acting training. Through various exercises and activities (both individual and group), the student will begin to develop a clear method for preparation that addresses first their own instrument, and then (through various methods of analysis) the character and the play. Students will begin to utilize and apply the studied techniques and exercises to simple monologues and a scene. Behavioral truth will precede the more sophisticated studies of emotional truth.

MTR 217 Acting for Music Theater Major II 3 Credits
Continuation of MTR 216. Methods for preparation are expanded as students learn and experience techniques for exploring and developing characters. This semester will focus on the application of the skills and acting techniques studied in the first semester to the needs of dramatic and sung material. Students are expected to synthesize content and skills acquired in the Speech for the Actor, Body Awareness and Movement classes.
Prerequisite(s): MTR 216.

MTR 218 Musical Theatre Scene Study I 3 Credits
Scene study class exploring the literature of the musical theatre – emphasis placed on two- and three-character scenes. Required of all second-year students.
Prerequisite(s): MTR 215.

MTR 219 Musical Theatre Scene Study II 3 Credits
Further exploration of scenes in the musical theatre literature – emphasis on more complex scenes. Required of all third-year students.
Prerequisite(s): MTR 218.

MTR 251 Styles and Genres I 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Standard, Classical, and Traditional periods of musical theater. Composers to be studied will include Rodgers and Hammerstein, Lerner and Loewe, Kern, Berlin, Gershwin, Porter, Arlen, Blitstein and Weill.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 252 Styles and Genres II 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary (Non-Pop/Rock) period of music theater. Composers to be studied will include Sondheim, Styne, Kander and Ebb, Guettel, Matby and Shire, and Bernstein.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 253 Styles and Genres III 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary, Pop/Rock period of music theater. Composers to be studied will include Webber, Schwartz, Fenn, Flaherty, Menkin, Brown, LaChiusa, and Lippa.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 255 Musical Theatre Repertoire I 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers through the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106 with a minimum grade of D and THE 311 with a minimum grade of D.

MTR 256 Musical Theater Repertoire II 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers since the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106, THE 107.

MTR 307 Tap III 1 Credits
This course is designed for the moderately advanced tap dancer. Course to be taken in the fall.
Prerequisite(s): MTR 210.

MTR 308 Tap IV 1 Credits
The course will allow the more advanced student to complete the work begun in Tap III.
Prerequisite(s): MTR 307.

MTR 309 Beginning Jazz Dance I 1 Credits
Based upon the ballet foundation, this course explores the expressive style of jazz dance, and basic Western theatrical dance forms and social dances used most often on the stage.
Prerequisite(s): MTR 109.

MTR 313 Ballet V 1 Credits
Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 212.

MTR 314 Ballet VI 1 Credits
Continuation of MTR 313. Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 313.

MTR 315 Advanced Jazz Dance I 1 Credits
Continuation of work begun in MTR 309.

MTR 316 Beginning Jazz Dance II 1 Credits
This course continues the work begun in MTR 309 and MTR 315.

MTR 317 MT Auditions:Preparation/Tech 3 Credits
This course, building upon skill-sets established in the Music Theatre singer-actor curriculum, will introduce and hone the required skill-sets for preparing to audition in Music Theatre. Genres and styles of music most often required for auditioning in the industry will be prepared and explored. An audition "book," based upon the demands of the industry, as well as the most suitable material for each student will be built. When appropriate, guests from the industry will be invited to present master classes and evaluations in a "mock audition" process.
Prerequisite(s): MTR 207, MTR 216, MTR 217, MTR 492.

MTR 318 Advanced Jazz Dance II 1 Credits
This course continues the work begun in MTR 309, MTR 315 and MTR 316.
Prerequisite(s): MTR 211.

MTR 319 Jazz Dance III 1 Credits
This course continues the work begun in MTR 318.
Prerequisite(s): MTR 318 and MTR 212.

MTR 320 Jazz Dance IV 1 Credits
This course continues the work begun in MTR 319.
Prerequisite(s): MTR 319 and MTR 212.

MTR 335 Speech for the Actor 3 Credits
This course introduces and develops speech techniques, specifically in the areas of relaxation, posture and alignment, respiration, phonation, support, registration, resonance, and articulation. Students learn to consistently produce a free, resonant, fully supported speaking voice. Exercises will increase flexibility and range of speaking and will foster heightened responsiveness to feeling. Regular practice in the delivery of both impromptu and prepared monologues is required. This course includes studies in Neutral American Speech.

MTR 402 Directing Music Theater/Opera 3 Credits
This elective course investigates how conceptual ideas and the process of script analysis are used in putting together a music theatre production for performance. Instruction includes staging ideas and elements needed for a complete production. Other theatrical aspects of choreography, properties, costumes, lighting, and set design are addressed. It is recommended that students complete MTR 496 before taking MTR 402.

MTR 411 Musical Theatre Ensemble 1 Credits

MTR 415 Musical Theatre Dance I 1 Credits
This is the first capstone course in the Musical Theatre dance sequence. Practical and historical study of Broadway dance styles; main focus on jazz idiom. Emphasis placed on performance quality, auditioning skills, self-taping, and "how to swing/dance captain".
Prerequisite(s): Completion of Ballet, Tap, and Jazz requirements; senior standing.

MTR 416 Musical Theatre Dance II 1 Credits
This is the second capstone course in the Musical Theatre dance sequence. Emphasis is placed on other dance styles used on stage, film, music videos, and television. Primary focus is on Hip Hop and Street Jazz.
Prerequisite(s): MTR 415 with a minimum grade of C.

MTR 480 Dance for Performing Artist 3 Credits
This course is a culmination of the dance elements and forms studied in ballet, tap, and jazz dance. Context areas include movement used most often in performance of music theater and movement fundamentals applicable to all aspects of presentation and principle to refine and articulate the performer's awareness and use of the body through singing and dance. Performance issues and movement as a basis for music and sound production are addressed.
Prerequisite(s): MTR 209, MTR 309.

MTR 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

MTR 491 Internship in Music Theater 1-12 Credits
Provides junior or senior musical theatre majors with the opportunity to gain practical experience working within a professional environment. Students must be sponsored by a musical theatre or theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

MTR 492 Singing Actor: Music Theater 3 Credits
This semester combines all dramatic and musical studies to create an authentic and believable character that is both emotionally truthful and musically expressive. Music is studied as "script" and dramatic choices are prepared in relationship to all elements present in the score.
Prerequisite(s): MTR 216 and MTR 217.

MTR 493 Music Theater Production 1 Credits
Preparation and performance of a solo or ensemble role in a fully staged music theatre production. Concurrent participation in stage crew activities is required.

MTR 495 Special Topics in Theater Dance 1 Credits
This class covers discrete movement styles, techniques, or forms for the advanced dancer such as the choreography and techniques of Bob Fosse, Jerome Robbins, Jack Cole, and other theatrical dance choreographers.
Prerequisite(s): MTR 319, MTR 212, and MTR 308.

MTR 496 Music Theater Workshop 3 Credits
This class, building upon the foundational studies associated with preparation and exploration (both dramatic and musical), focuses on performances. Students are taught methods for synthesizing all former training in acting, music, and movement to the needs of the character and the play/score. Each student fully prepares at least two complete roles from the music theater repertoire. The class culminates in a performance of scenes--the Junior Cabaret!
Prerequisite(s): MTR 216, MTR 217, MTR 492.

MTR 497 Musical Theatre Senior Showcase 1 Credits
This course is a senior level capstone experience for BFA Musical Theatre students, and acts as a bridge between life in the university and life as a professional musical theatre performer. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent. Only students who have successfully completed ALL prerequisite coursework may participate in the Senior Showcase. BA Theatre students with Musical Theatre Concentration may participate only if the prerequisites are met.
Prerequisite(s): MTR 415, MTR 207, MTR 216, MTR 217, MTR 492.

MTR 511 Music Theater Ensemble 1 Credits
The performance-based, auditioned music theater ensemble engages multiple singers/actors/dancers in performance, utilizing scenes from music theater literature as the primary material. Emphasis is placed upon group interaction and building an ensemble. This ensemble often is asked to perform for University sponsored events.

Voice Performance

Overview

The voice performance program seeks to develop the musician by establishing a sound vocal technique and a thorough understanding of the singing voice, its literature and pedagogy. These tools are essential for the study and performance of vocal and choral literature and for training students as solo performers, professional teachers or choral conductors.

Students will build and demonstrate a healthy vocal technique, become acquainted with voice literature, and develop an understanding of the complex relationships between music and poetry. They will also learn how to sing with correct diction in English, Italian, French and German, as well as to understand both the general meaning and specific nuances of their sung texts.

As they progress in the program, students will integrate musicianship skills and use their increasing understanding of musical structure and form to communicate musically, with stylistic and textual understanding. Students will also build vocal and performance skills that equip them for the demands of solo and ensemble singing.

Policy

Performance majors must earn a minimum grade of "B-" each semester in the primary applied music field in order to make satisfactory progress. If a grade of "C+" or lower is earned, the student must repeat the semester. All other students must earn a minimum grade of "C-" each semester in the primary applied music field. If a grade of "D" or lower is earned, a student must repeat the semester.

Curriculum Overview

Every undergraduate must satisfy departmental requirements for graduation. Juries and other tests are conducted periodically for the purpose of evaluating progress; details may be obtained from the Voice Department.

Instruction for voice performance majors entails private lessons, recitals, diction, voice literature, performance/opera classes and voice pedagogy. Weekly studio and performance classes offer regular performing opportunities. Two fully-staged operas, one with orchestra, are presented each year, along with an additional undergraduate-only opera offering. Private vocal coaching is available for upperclassmen and graduate students.

The curriculum has been revised for the class entering in the fall of 2023. Current students may continue to follow their original curriculum, or adopt the new curriculum.

Degree Offered

- B.M. in Voice Performance

Contact

Margaret Cusack, M.M.T.
Professor and Chairperson
Department of Performance Studies
Westminster Choir College
Omega House, #101
609-921-7100 x8253
mcusack@rider.edu

Program Website: Voice Performance (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/westminster-choir-college/undergraduate/voice-performance/)

Associated Department: Department of Performance Studies

Related programs

- Music Education (p. 413)
- Musical Theater (p. 424)

Faculty

Margaret Cusack (chairperson) • Professor, Voice, and Chair of Performance Studies, 1994. B.M., M.M.T., Oberlin College.
Christopher Arneson • Professor, Voice, 2003. B.A., M.M., Binghamton University; D.M.A., Rutgers University.
Susan S. Ashbaker • Associate Professor, Voice, 2006. B.M., M.M., Southern Illinois University; M.M., University of Illinois.
Victoria Browers • Adjunct Assistant Professor, Voice, 2017. B.M., Ohio Wesleyan University, M.M. Westminster Choir College of Rider University; D.M.A. State University of New York at Stony Brook.
Faith Esham • Adjunct Assistant Professor, Voice, 2000. B.A., Columbia Union College; B.M., M.M., The Juilliard School.
Nancy Froysland Hoerl • Adjunct Assistant Professor, Voice, 1995. B.A., Moorhead State University; M.M., Westminster Choir College.
Akiko Hosaki • Adjunct Assistant Professor, Piano, 2005. B.M., Musashino Academia Musicae; M.M., Westminster Choir College of Rider University; D.M.A., University of Minnesota.
Bryan Hymel • Visiting Artist, Voice, 2022. B.M. Loyola University; M.V.P. Westminster Choir College of Rider University.
Katherine Johnson • Adjunct Assistant Professor, Voice, 2006. B.M., University of Calgary; M.M., Manhattan School of Music.
Robin Massie • Adjunct Assistant Professor, Voice, 2008. B.M., Westminster Choir College of Rider University; M.M., Yale University.
Martin Néron • Adjunct Assistant Professor, Voice, 2020. B.M., Université de Montrèal; M.M. Westminster Choir College of Rider University; D.M.A., Manhattan School of Music.
Kathy Kessler Price • Professor, Voice, 2012. B.A., University of Richmond; M.M., University of Maryland; Ph.D., University of Kansas, Lawrence.
Debra Scurto-Davis • Adjunct Assistant Professor, Voice, 2004. B.M.E., Evangel College; M.M., Baylor University; S.M., University of Michigan.
Elizabeth Sutton • Adjunct Assistant Professor, Voice, 2005. B.A., Bowling Green State University; M.M., College-Conservatory of Music, University of Cincinnati.
Sally Wolf • Adjunct Assistant Professor, Voice, 2001. B.M., Kent State University; Artist Diploma, Curtis Institute of Music.
Amy Zorn • Adjunct Assistant Professor, Voice, 1996. B.M., University of Wisconsin, Madison; M.M., Boston University.

Voice Performance Program Requirements

(124-125 credits)

Voice Performance Requirements (p. 555) **(112-113 credits)**
CAS General Education Curriculum (p. 557) **(12 credits)**

Voice Performance Requirements		
Code	**Title**	**Credits**
Complete the following courses:		
Choirs and Conducting		
CR 109	Chapel Choir (2 terms)	2
CR 209	Schola Cantorum (2 terms)	2
CR 509	Symphonic Choir (4 terms)	4
CR 215	Fundamentals of Conducting	3
Applied Music and Diction		
VC 168A	Applied Voice (8 terms) [1]	16
Piano secondary (4 terms)		
PI 103	Piano Secondary I	1
PI 104	Piano Secondary II	1
PI 203	Piano Secondary III	1
PI 205	Piano Secondary VCPER	1

Diction		**8**
VC 114	Introduction to Lyric Diction	
VC 118	Italian Diction	
VC 119	French Diction	
VC 120	German Diction	
Theory and Music History		
TH 141 & TH 142 & TH 241	Musicianship I and Musicianship II and Musicianship III	12
TH 342	Contemporary Trends	3
MH 247 & MH 248	Music Historiography I and Music Historiography II	6
MH 345	Music Since 1900	3
Theory level I elective [3]		**3**
Select one of the following:		
TH 237	Composition Class	
TH 251	Analytical Studies I	
TH 253	Orchestration	
TH 255	Song Writing	
TH 259	Electroacoustic Music	
Theory level II elective [3]		**3**
Select one of the following:		
TH 424	Choral and Instrumental Arranging	
TH 431	Form and Analysis	
TH 432	Contrapuntal Techniques	
TH 433	Special Topics in Theory [2]	
TH 452	Analytical Studies II	
TH 550	Keyboard Harmony	
Music History Elective		**3**
MH 433	Seminar in Music History	3
Professional Studies		
VC 191	Movement for the Performer	2
VC 291	The Singing Actor	2
VC 305	Singing in Italian and French	2
or VC 306	Singing in German and English	
VC 408	Voice Science	3
VC 433 & VC 434	Song Literature I and Song Literature II	4
VC 591	Performing in Lyric Theater	2
Foreign Language Proficiency: [4]		
Select one of the following options:		18
Option 1:		
ITA 100 & ITA 101 & FRE 100 & FRE 101 & GER 100 & GER 101	Italian I and Italian II and French I and French II and German I and German II	
Or Option 2:		
ITA 100 & ITA 101 & FRE 100 & FRE 101 & FRE 200 & FRE 201	Italian I and Italian II and French I and French II and French III and French IV	
OR Option 3:		
ITA 100 & ITA 101 & GER 100 & GER 101 & GER 200 & GER 201	Italian I and Italian II and German I and German II and German III and German IV	
OR Option 4:		
Select from:		
ITA 100 & ITA 101 & ITA 200 & ITA 201	Italian I and Italian II and Italian III and Italian IV	
AND		
FRE 100 & FRE 101	French I and French II	
OR		
GER 100 & GER 101	German I and German II	
Select one of the following:		**1-2**
VC 592	Opera Workshop	
VC 593R	Opera Theater (Role)	
VC 593T	Opera Theater (Tech)	
VC 593E	Opera Theater (Ensemble)	
Recitals [5]		
VC 001R	Student Recital	
VC 002R	Student Recital	
Free electives		6
Total Credits		**115-116**

Notes

1

Attendance at weekly studio classes is required during all semesters of applied study.

2

MH 433 can be repeated for credit as long as the topics are different.

3

Level 2 theory classes can be taken as a level 1 theory. Level 1 classes cannot be used for level 2.

4

Students must complete six semesters of foreign language study. Students must complete Italian I and II. They must complete additional semesters of either French or German. Semesters five and six may be of a third language (French or German) or additional semesters of Italian, French or German. If students are exempted from one or more semesters of foreign language study, they must replace the missing course credits with other Arts and Sciences electives.

5

A half recital VC 001R must be presented in the junior year. A full recital VC 002R must be presented in the senior year.

CAS General Education Curriculum

Code	Title	Credits
I. ESSENTIAL COMPETENCIES:		
Reading and Writing		**6**
CMP 120	Seminar in Writing and Rhetoric	
or BHP 100	Honors Seminar: Great Ideas I	
CMP 125	Seminar in Writing and Research	
or BHP 150	Honors Seminar: Great Ideas II	
Select one of the following:		**3**
Philosophical Perspectives		
BHP 222	Honors Seminar: Existentialism in Literature	
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity	
BHP 360	Moral Psychology	
PHL 100	Plato and Aristotle	
PHL 102	Philosophical Thinking	
PHL 110	Logic and Language	
PHL 115	Ethics	
PHL 120	American Philosophy	
PHL 125	Philosophies of Education	
PHL 130	Political Philosophy	
PHL 202	Social Philosophy	
PHL 207	Asian Philosophy	
PHL 210	Symbolic Logic	
PHL 215	Environmental Ethics	
PHL 225	Modern Philosophy	
PHL 230	Philosophy of the Sexes	
PHL 304	Medical Ethics	
PHL 310	Problems in 20th-Century Philosophy	
PHL 320	Philosophy of Science	
PHL 334	Theories of Knowledge	
PHL 336	Philosophy of Mind	
PHL 343	Theories of Reality	
PHL 348	Indian Philosophy	
PHL 358	Chinese Philosophy	
PHL 360	Contemporary Ethics	
PHL 368	Japanese Philosophy	
OR		
Aesthetic Perspective: Literature		
AMS 210	American Memoir and Autobiography	
AMS 306	Poetry and Poetics in American Culture	
AMS 308	Kurt Vonnegut's America	
BHP 201	Age of Shakespeare: A Study in Cultural History	
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy	
BHP 205	Under the Influence: Drugs, Deviance, and Culture	
BHP 206	Honors Seminar:Politics/Literacy	
BHP 222	Honors Seminar: Existentialism in Literature	
BHP 227	Race, Gender, and Sexuality in the Age of Empire	
BHP 290	Shakespeare: Page, Stage & Screen	
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology	
BHP 315	Honors Seminar: 20th Century European Ideologies	
CHI 307	Images of Women in Chinese Literature and Film	
ENG 205	Understanding Literature	
ENG 208	Arthurian Legends in Literature	
ENG 210	Major American Authors	
ENG 211	Major British Authors	
ENG 213	Literature and Mythology	
ENG 214	Monsters in Literature	
ENG 215	Satire and Comedy	
ENG 217	Introduction To Shakespeare	
ENG 218	Literature and the Environment	
ENG 219	Literature and Violence	
ENG 220	Literature & Society	
ENG 221	Literature and Psychology	
ENG 222	Crime and Literature	
ENG 224	Science Fiction	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
ENG 230	Women In Literature	
ENG 270	Major Poets	
ENG 290	The Short Story	
ENG 295	Human Relationships in Literature (HONORS)	
ENG 337	Global Literature	
FRE 305	An Introduction to French Literature	
FRE 422	Cultural Expression in French Film and Television	
FRE 425	Portrait of the Hero in French Fiction	
FRE 430	Mask & Reality in French Theater	
FRE 435	Self in French Prose & Poetry	
FRE 440	A Quest for Identity: Francophone Literature and Culture	
GSS 320	Sex, Gender, and Fairy Tales	
LIT 250	Masterworks of Western Literature I	
LIT 251	Masterworks of Western Literature II	
SPA 320	Introduction to Spanish Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 416	The Spanish Golden Age	
SPA 420	From Colonies to Nations	
SPA 426	Latin American/Latino Film and Fiction	
Historical Perspectives:		**3**
HIS 150	World History to 1500	
or HIS 151	World History Since 1500	
Total Credits		**12**

Academic Plan of Study

The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who are in a Continuing Education Program; who change their major; or those

who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CR 109	Chapel Choir	1
VC 168A	Applied Voice	2
PI 103	Piano Secondary I	1
VC 114	Introduction to Lyric Diction	2
TH 141	Musicianship I	4
ITA 100	Italian I	3
CMP 120	Seminar in Writing and Rhetoric	3
	Semester Credit Hours	**16**
Spring Semester		
CR 109	Chapel Choir	1
VC 168A	Applied Voice	2
PI 104	Piano Secondary II	1
VC 118	Italian Diction	2
TH 142	Musicianship II	4
ITA 101	Italian II	3
VC 191	Movement for the Performer	2
Literature or Philosophy elective		3
	Semester Credit Hours	**18**
Year 2		
Fall Semester		
CR 209	Schola Cantorum	1
VC 168A	Applied Voice	2
PI 203	Piano Secondary III	1
TH 241	Musicianship III	4
FRE 100 or GER 100	French I or German I	3
MH 247	Music Historiography I	3
VC 291	The Singing Actor	2
	Semester Credit Hours	**16**
Spring Semester		
CR 209	Schola Cantorum	1
VC 168A	Applied Voice	2
PI 205	Piano Secondary VCPER	1
VC 119 or VC 120	French Diction or German Diction	2
MH 248	Music Historiography II	3
FRE 101 or GER 101	French II or German II	3
Theory Level I elective		3
	Semester Credit Hours	**15**
Year 3		
Fall Semester		
CR 509	Symphonic Choir	1
VC 168A	Applied Voice	2
CR 215	Fundamentals of Conducting	3
MH 345	Music Since 1900	3
VC 591	Performing in Lyric Theater	2
GER 100 or FRE 100	German I or French I	3
Theory Level II elective		3
	Semester Credit Hours	**17**
Spring Semester		
CR 509	Symphonic Choir	1
VC 168A	Applied Voice	2
MH 433	Seminar in Music History	3
VC 408	Voice Science	3
VC 119 or VC 120	French Diction or German Diction	2
GER 101 or FRE 101	German II or French II	3
TH 342	Contemporary Trends	3
Junior Recital		
	Semester Credit Hours	**17**
Year 4		
Fall Semester		
CR 509	Symphonic Choir	1
VC 168A	Applied Voice	2
VC 433	Song Literature I	2
VC 305 or VC 306	Singing in Italian and French or Singing in German and English	2
CMP 125	Seminar in Writing and Research	3
Arts & Sciences elective		3
Free electives		3
	Semester Credit Hours	**16**
Spring Semester		
CR 509	Symphonic Choir	1
VC 168A	Applied Voice	2
VC 434	Song Literature II	2
History elective		3
Senior Recital		
Select one of the following:		**1-2**
VC 592 or VC 593E or VC 593R or VC 593T	Opera Workshop or Opera Theater (Ensemble) or Opera Theater (Role) or Opera Theater (Tech)	
	Semester Credit Hours	**9-10**
	Total Credit Hours for Graduation	**124-125**

Courses and Descriptions

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum. **Prerequisite**(s): CMP 120 or BHP 100.

CR 109 Chapel Choir 1 Credits
Comprised of undergraduate students in their first year of study, Chapel Choir focuses on music for men's, women's, and mixed chorus. The ensemble provides the fundamentals of artistic choral ensemble singing and a foundation for all Westminster choral ensembles. Placement hearing required.

CR 209 Schola Cantorum 1 Credits
Comprised of undergraduate students in their second year of study, Schola Cantorum focuses on music for mixed chorus and continues to build and refine the skills developed in Chapel Choir. This ensemble presents campus, community, and regional performances. Placement hearing required.

CR 215 Fundamentals of Conducting 3 Credits
This course provides the foundation of conducting technique and philosophy as it relates to choral ensemble. Primarily, it deals with the development of basic pedagogical proficiencies, specifically alignment, Laban gestural vocabulary, breathing, beat patterns, consistent tempo, and the development of expressive gesture for relaying various styles of music, i.e., legato, staccato and marcato. Basic philosophical understandings concerning the human aspects of the music making process and the role the conductor plays in that process also are emphasized. Specific techniques for dealing with technical elements, e.g., fermata, dynamics, changes of tempo, contrasts in style, also are covered. The overall focus of the course is to establish the important relationship between ear, body, and the choral sound.
Prerequisite(s): TH 141.

CR 509 Symphonic Choir 1 Credits
A large mixed chorus comprised of students above the lower division, including graduate students from all disciplines. The ensemble regularly performs in the region and focuses on the major choral/orchestral repertoire along with a wide variety of repertoire for large mixed chorus. Placement hearing required.

FRE 100 French I 3 Credits
Conversational French is taught through basic vocabulary and grammar building. Students will enjoy an immersion-style method emphasizing real-life situations and vocabulary in authentic cultural context, through an interactive textbook, videos, on-line resources, and oral/aural skill building using the technology in the Foreign Language Media Center to enhance learning. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): Placement test if French has been studied elsewhere.

FRE 101 French II 3 Credits
Building on learning in French I, students will begin to converse using more complicated grammatical structures within immersion-style classroom interactions. While the focus is still on conversation and aural skill building, composition skills receive greater emphasis. Students will enjoy an interactive textbook, Internet usage, and authentic videos shot on location in France. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 100 or placement test.

FRE 200 French III 3 Credits
This course builds on linguistic skills previously acquired through an emphasis on conversation and oral comprehension, and through vocabulary building. Grammar study is continued at a more advanced level, and students begin to read short passages focusing mainly on francophone culture and civilization. Film clips, Internet resources, and other computer-aided learning tools are used to create a dynamic immersion-style learning experience. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 101 or placement test.

FRE 201 French IV 3 Credits
While continuing the emphasis on aural/oral production and grammar and vocabulary building, short passages of greater complexity taken from literary texts, newspapers, and magazines will become the focus of conversation/composition activities. Technological resources will continue to enhance the immersion-style learning experience consistent with a course in advanced French. Successful completion of this course, or its equivalent, serves as a prerequisite for French courses at the 300 and 400 level. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 200 or placement test.

ITA 100 Italian I 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the first part of the first year experience in Italian during which the development of communicative and cultural competencies are at the center of this experience. At the end of the course, successful students will be able to communicate short messages on highly predictable, everyday topics that affect them directly. They will also develop a sense of the cultural aspects of people who speak the target language. Cultural components include the importance or regions in the construction of Italian identity; differences in American and Italian school and university systems; the role of the family in Italian life. The course is conducted in Italian. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.

ITA 101 Italian II 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the second part of the first year experience in Italian during which the development of communicative and cultural competencies are at the center of this experience. At the end of the course, successful students will be able to handle successfully a variety of uncomplicated communicative tasks in straightforward social situations. They will also develop a sense of the cultural aspects of people who speak the target language. Cultural components include differences between American and Italian cuisines, sports, routines, and healthcare systems. The course is conducted in Italian.
Prerequisite(s): ITA 100 or LL 145 or Placement Test.

ITA 200 Italian III 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the third part of the four-semester sequence in Italian. At the end of ITA 200, successful students achieve proficiency in Italian at the intermediate level in oral expression, listening comprehension, reading of short texts, and writing. Students will be able to successfully navigate conversational and written Italian in cultural contexts related to course themes: personal relationships, Italian communities, hobbies and free time activities, the value of social and political ideas, the Italian family across the generations. The course is conducted in Italian. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.
Prerequisite(s): ITA 200 or LL 247 or placement test.

ITA 201 Italian IV 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the fourth and final part of the four-semester sequence in Italian. At the end of ITA 201, successful students achieve proficiency in Italian at the intermediate level in oral expression, listening comprehension, reading of short texts, and writing. Students will be able to successfully navigate conversational and written Italian in cultural contexts related to course themes: societal changes in Italian culture, science and technology, Italian contributions to the arts, media, and the culture of business in Italy. The course is conducted in Italian.
Prerequisite(s): ITA 200 with a minimum grade of D or LL 247 with a minimum grade of D. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.

MH 247 Music Historiography I 3 Credits
Historiography I begins by exploring similarities and differences between various music cultures around the world, and continues with an examination of selected genres of Western Art Music of the Medieval, Renaissance and Baroque periods. Basic information literacy skills, such as searching library catalogs, databases and reading academic articles also will be covered.
Prerequisite(s): CMP 125.

GER 100 German I 3 Credits
An introduction to German stressing the spoken language and the fundamentals of grammar. Students are required to work extensively with audio CDs. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): placement test if German has been studied elsewhere.

GER 101 German II 3 Credits
A continuation of German 100. Communication skills are broadened, fundamental grammar is studied in more depth, and basic vocabulary is expanded. Students are required to work extensively with audio files. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): GER 100 with a minimum grade of D or placement test.

GER 200 German III 3 Credits
Intensive review of German grammar and syntax with a systematic approach to oral expression and composition. Readings on contemporary German life and selections from modern literature. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): GER 101 or placement test.

GER 201 German IV 3 Credits
Continuation of grammar review and readings. Special emphasis on oral expression and composition of increasing sophistication, proceeding from concrete observations to theoretical and abstract discussion. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): GER 200 or placement test.

MH 248 Music Historiography II 3 Credits
Examines Western Art Music since 1750 and includes a research assignment that builds upon the information literacy skills gained in MH 247.
Prerequisite(s): MH 247.

MH 345 Music Since 1900 3 Credits
Examines controversies and aesthetic movements in 20th and 21st century music. Emphasis is placed upon critical reading and writing skills.
Prerequisite(s): MH 248.

TH 141 Musicianship I 4 Credits
This course assists students in learning and integrating aural, performance, analytical and composition skills involving diatonic melody and harmony. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade.
Prerequisite(s): TH 045 or passing a placement test.

TH 142 Musicianship II 4 Credits
A continuation of TH 141 involving chromatic melody and harmony with an introduction to binary and ternary form.
Prerequisite(s): minimum "C-" grade in TH 141.

TH 241 Musicianship III 4 Credits
A continuation of TH 142 with an introduction to larger musical forms and counterpoint.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 342 Contemporary Trends 3 Credits
An analytical study of the compositional techniques of the 20th and 21st centuries.
Prerequisite(s): TH 241.

VC 114 Introduction to Lyric Diction 2 Credits
Introduction to the International Phonetic Alphabet (IPA) and the sounds of all major sung languages through oral and written drill. Open to Voice Performance majors only.

VC 118 Italian Diction 2 Credits
Introduction to the rules for singing Italian through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 119 French Diction 2 Credits
Introduction to the rules for singing French through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 120 German Diction 2 Credits
Introduction to the rules for singing German through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 191 Movement for the Performer 2 Credits
Movement exercises and etudes help students develop proper alignment, physical freedom, unification of voice, breath, and body, and help them explore the body as an expressive instrument.

VC 291 The Singing Actor 2 Credits
The introduction to vocal performance entails coaching of selected songs, arias or repertoire from music theater and techniques for performance preparation through intensive research. A final written project involves a musical and dramatic analysis of all chosen repertoire.
Prerequisite(s): successful completion of Level I voice jury.

VC 168A Applied Voice 2 Credits
One-hour, 2-credit required lesson. Included in tuition — no extra charge.

VC 305 Singing in Italian and French 2 Credits
Master class and private coaching in vocal performance of Italian and French language song, recitative and opera arias. The class will focus on pronunciation, inflection and nuances of sung Italian and French.
Prerequisite(s): Successful completion of Level I jury; VC 118, VC 119.

VC 306 Singing in German and English 2 Credits
Master class and private coaching in vocal performance of German and English language song, recitative and opera arias. The class will focus on pronunciation, inflection and nuances of sung German and English.
Prerequisite(s): Successful completion of Level I Jury; VC 120.

VC 408 Voice Science 3 Credits
Study of the physics and physiology of voice production. Musical and vocal acoustics are explored using the facilities of the Westminster Voice Laboratory. Anatomic and physiologic underpinnings of respiration, phonation, articulation, registration and hearing are explored in depth.

VC 433 Song Literature I 2 Credits
A survey of solo literature for voice and accompanying instrument including solo vocal music of the Baroque period and German lieder.
Prerequisite(s): MH 248.

VC 434 Song Literature II 2 Credits
A survey of solo literature for voice and accompanying instrument including French mélodie, songs by nationalist composers, English and American song.
Prerequisite(s): MH 248.

VC 591 Performing in Lyric Theater 2 Credits
Performing in Lyric Theater offers techniques for the preparation of lyric roles in a theatrical setting. It will develop elements of stagecraft, systematize a process for preparations and exploration, and introduce the working relationship with director and conductor.
Prerequisite(s): Undergraduates, VC 291 and the successful completion of Level II jury, or permission of the Chair.

VC 592 Opera Workshop 2 Credits
Introduction to opera performance. Acting exercises, character development, dramatic exploration and musical coaching culminating in a workshop-format presentation. It is recommended that VC 491 or 691 be taken before this course. This course may be repeated for credit.
Prerequisite(s): Undergraduates, successful completion of the level II voice test or permission of the chair.

VC 593E Opera Theater (Ensemble) 1 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 593R Opera Theater (Role) 2 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 593T Opera Theater (Tech) 1 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

Web Design

Program Overview

Designing and implementing web pages and interactive media, as well as learning the secrets of effective print design and production, are the focuses of Rider's Web Design minor. Students learn about design and visual communication theory while creating portfolios and web-based interactive resumes.

Curriculum Overview

Core classes in the minor include Web Design I and II, Digital Publication Design, and Advanced Publication Design and Production. Students also select three courses tailored to their interests.

The minor complements majors in Graphic Design, Game and Interactive Media Design, and Social Media Strategies.

Degree Offered

- Minor in Web Design

Contact

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Program website: Web Design (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/undergraduate/web-design-minor/)

Associated Department/College: Department of Communication, Journalism and Media (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/communication-journalism/)

Related Programs

- Graphic Design (p. 301)
- Game and Interactive Media Design (p. 280)
- Social Media Strategies (p. 512)
- Journalism (p. 346)
- Public Relations (p. 482)
- Radio and Podcasting (p. 493)
- Sports Media (p. 538)
- Communication Studies (p. 114)

Web Design Minor

(21 credits)

Code	Title	Credits
Complete the following courses:		
COM 212	Digital Publication Design	3
COM 261	Introduction to Web Design	3
COM 360	Advanced Publication Design and Presentation	3
COM 364	Web Design II	3
Select three of the following courses:		**9**
COM 131	Fundamentals of Video Production	
COM 201	Communication Theory	
COM 204	Advanced Speech Communication	
COM 205	Persuasion	
COM 234	Audio Production	
COM 253	Organizational Communication	
COM 262	Graphic Imaging for Digital Media	
COM 331	Television Production	
COM 361	Photography	
COM 363	Converging Digital Media	
COM 365	Graphic Animation	
CIS 185	Information Systems Essentials	
CIS 220	Application Development with JavaScript and Python	
CIS 340	Electronic Commerce	
Total Credits		**21**

Note: Communication and Journalism majors may declare only one minor in the department. No more than two courses may be used to meet the requirements for both a major and a minor in the department. (Exception: If a student elects the Event Planning and Production minor, then three courses may be used to meet the requirements for both the major and that minor in the department.)

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance — that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/ instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements. **Prerequisite**(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Health Care Policy Minor

Program Overview

Health Care Policy is a growing field, as has been demonstrated during the Covid-19 crisis. This will undoubtedly be true long after the pandemic has passed. Health Care Policy is hotly contested in the U.S., resulting in millions of un- and under-insured Americans who do not receive adequate health care. Health Care Policy minors will be prepared to engage in policy analysis and policy-making, implementation, and compliance.

Curriculum Overview

Faculty from multiple Rider University programs — including political science, global studies, sociology, psychology, and environmental and health sciences — collaborated to develop unique courses designed to help students study and critically evaluate the central cultural, political, legislative, environmental, economic, global, social and ethical considerations involved in health care policy.

Degree Offered

- Minor in Health Care Policy

Contact

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Program Website: Health Care Policy (http://rider.edu/healthcarepolicy/)
Associated Department: Political Science (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/political-sc/)

Related Programs

- Environmental Science (http://catalog.rider.edu/archives/2021-2022/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/environmental-sciences/)
- Global Studies (http://catalog.rider.edu/archives/2021-2022/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/global-studies/)
- Health Sciences (http://catalog.rider.edu/archives/2021-2022/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/healthsciencesbs/)
- Political Science (http://catalog.rider.edu/archives/2021-2022/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/political-science/)

- Psychology (http://catalog.rider.edu/archives/2021-2022/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/psychology/)

Health Care Policy Minor Requirements

(21 credits)

Code	Title	Credits
Health Care Policy Required Foundation courses		
POL 100	U.S. Politics in Crisis	3
POL 205	Introduction to Public Policy	3
POL 206	Healthcare Regulation and Governance	3
Required Dimension areas: select two courses from each area.		
Health Care Policy in the US		**6**
POL 201	Policy Issues, Advocacy, and Budgeting	
POL 230	Methods of Political Analysis	
POL 325	Public Administration	
POL 327	Contemporary Issues in American Public Policy	
HCP 304	Health Policy, Administration, and Compliance	
HTH 205	Introduction to Health Care	
ECO 336	Economics of Health Care Sys	
Global Health Care Policy		**6**
GLS 325	Global Perspectives on Health and Illness	
HCP 301	Global Health Care Systems	
HCP 302	Environmental Epidemiology, Pandemics and Globalization	
HCP 303	Global Health and Human Rights	
Total Credits		**21**

Courses and Descriptions

ECO 336 Economics of Health Care Sys 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomic tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.
Prerequisite(s): ECO 201 or HTH 205.

GLS 325 Global Perspectives on Health and Illness 3 Credits
Explores the different international perspectives on health and illness. Themes include how men, women, and children in respective civilizations are treated and viewed within their communities or nations, as they become ill. Particular attention is given to the contrast between various types of traditional healing and Western medical practices, and their interactions. Discussions will also compare the usefulness of national versus international health agencies in dealing with global health problems.

HCP 301 Global Health Care Systems 3 Credits
Global Health Care Systems is an introduction to visions of global health care, drawing upon the fields of medical anthropology, global public health, and public policy. The course focuses upon different understandings of health care, reflected in the actual health systems in place around the world. Because responsible health-giving health systems respond to societies' changing needs and situations, students will learn about the skills needed for this kind of problem-solving, but also come to understand that there is an urgent and vital global need for the exchange of ideas in global health care systems.

HCP 302 Environmental Epidemiology, Pandemics and Globalization 3 Credits
This course is intended to provide basic knowledge of principles and methods of environmental epidemiology for students whose career interests in a health-related field may include using epidemiologic information. The course presents a holistic view of global health by crossing several disciplines, including medical anthropology and disease history, focusing upon the social processes by which groups are stigmatized during disease outbreaks, and public health policies for confronting outbreaks of epidemics and pandemics. The course emphasizes the conceptual aspects of epidemiologic investigation and application of these concepts in global health policy and related professions. Topics include: disease surveillance; population screening; interpreting epidemiologic associations, and the health risks and benefits of globalization. Salient foci will be: the evaluation of the role of health diplomacy in addressing shared global health problems among countries, and the evaluation of cultural, ethical, social, systemic, and anthropological determinants of global health problems.

HCP 303 Global Health and Human Rights 3 Credits
This course introduces students to the basic concepts of human rights and their links to national/global health, as well as to issues where human rights and health collide. Students will become familiar with global efforts for developing practical and effective responses to global health challenges with a human rights framework.

HCP 304 Health Policy, Administration, and Compliance 3 Credits
Health Policy, Administration, and Compliance explores the politics of health care policy at the local level. The course identifies and evaluates various measures of the health and function of populations, organizations, partnerships, systems, and communities. The course provides students with an overview of the realities, challenges, and requirements of practicing community oriented primary health care.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

POL 100 U.S. Politics in Crisis 3 Credits
It often seems like the American government achieves little other than stoking political animosities amongst the American people. We see daily news stories about gridlock, polarization, partisanship, and corruption. This course introduces students to the basic principles of the U.S. constitutional system and how they are served by the three branches of government, paying special attention to the democratic process, vital public issues, and civil rights and civil liberties. Students will gain a critical understanding of the function and dysfunction in American politics and government, as well as concrete ideas about what can be done about it. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 201 Policy Issues, Advocacy, and Budgeting 3 Credits
Surveys various domestic economic and social policy issues, the government budgeting process, and how citizens and groups advocate their interest through organizing, coalition-building and lobbying. Emphasis on developing practical skills in issue analysis, lobbying, legislative tracking, and public budgeting.

POL 205 Introduction to Public Policy 3 Credits
The course provides students with an introduction to the study of public policy by linking the theoretical with the practical. The course focuses on three areas of analysis: 1) descriptive 2) evaluative and 3) prescriptive. Students will develop skills required to define and critically examine policy problems, articulate relevant decision-making criteria and assess alternative policy options. Last the course provides examples of public policy problems through the substantive policy areas of health, environment and education.

POL 206 Healthcare Regulation and Governance 3 Credits
Health Regulation and Governance explores the institutions, processes and actors involved in governing and regulating the healthcare system in the US. The course engages the topic through the lens of federalism by examining the role of the Executive, Legislative and Judicial branches of government in regulating and governing healthcare at the national level as well as the role of the states in this policy area. Students will not only be introduced to the structure of regulation and governance of healthcare in the US, but will also be able to contextualize contemporary issues in healthcare in order to not simply addresses problems in the sector, but to also begin to identify solutions to issues that impact the population.

POL 230 Methods of Political Analysis 3 Credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.

POL 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens' behavior. Note: This course is cross-listed as HLS 325. Students may not get credit for both HLS 325 and POL 325.

POL 327 Contemporary Issues in American Public Policy 3 Credits
An in-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

CAS General Education Curriculum Requirements

The College of Arts & Sciences (CAS) has different General Education Curriculum requirements depending upon a student's program of study.
The following list of General Education Curriculum requirements pertains to all students with primary majors in the School of Science, Technology, and Mathematics, the School of Humanities and Social Sciences, and the Department of Communication, Journalism, and Media.

College of Arts and Science students with majors in the departments listed below, or who are Continuing Education or Virtual students, will find the applicable General Education Curriculum using the following links
Departments of Media Arts and Performing Arts majors (p. 1154)

Acting for Film, Television & Theatre, Arts and Entertainment Industries Management, Dance Studies, Dance Science, Film and Television, Game and Interactive Media Design, Music Production, Musical Theatre B.F.A., Musical Theatre: Musical Direction, Theatre

Westminster Choir College majors:

- Music - B.A.M. (p. 405)
- Music Education (p. 414)
- Voice Performance (p. 555)

Continuing Education and Virtual Students (p. 1150)

Engaged Learning Graduation Requirement

In addition to completing the college's General Education Requirements, all Rider University students are required to complete an Engaged Learning Graduation requirement. (p. 1587)

General Education Curriculum:

For students with primary majors in the School of Science, Technology and Mathematics, the School of Humanities and Social Sciences, and the Department of Communication, Journalism, and Media
Courses may satisfy both general education requirements as well as major or minor requirements when expressly permitted.

Code	Title	Credits
I. ESSENTIAL COMPETENCIES:		
Reading and Writing:		**6**
CMP 120	Seminar in Writing and Rhetoric	
or BHP 100	Honors Seminar: Great Ideas I	
Select one of the following:		
CMP 125	Seminar in Writing and Research	
or BHP 150	Honors Seminar: Great Ideas II	
CMP 203	Literature and Composition	
Mathematical Reasoning: [1]		**3-4**
Select one of the following:		
MTH 102	Finite Mathematics [6]	
MTH 105	Algebra and Trigonometry	
or MTH 106	Precalculus	
Foreign Language Proficiency: [2]		**3-6**
Select one or two Chinese courses depending on placement test:		
CHI 100	Chinese I	
CHI 101	Chinese II	
CHI 200	Chinese III	

CHI 201	Chinese IV
Or CHI 3-400 level course taught in Chinese	
OR select one or two French courses depending on placement test:	
FRE 100	French I
FRE 101	French II
FRE 200	French III
FRE 201	French IV
Or FRE 3-400 level course taught in French	
OR select one or two German courses depending on placement test:	
GER 100	German I
GER 101	German II
GER 200	German III
GER 201	German IV
OR select one or two Italian courses depending on placement test:	
ITA 100	Italian I
ITA 101	Italian II
ITA 200	Italian III
ITA 201	Italian IV
OR select one or two Spanish courses depending on placement test:	
SPA 100	Spanish I
SPA 101	Spanish II
or SPA 102	Elementary Spanish II Abroad
or SPA 103	Introductory Medical Spanish
SPA 200	Spanish III
SPA 201	Spanish IV
Or SPA 3-400 level course taught in Spanish	
Oral Communication:	**3**
COM 104	Speech Communication
II. DISCIPLINARY PERSPECTIVES	
Scientific Perspectives: [3]	**4-6**
To fulfill the Scientific Perspectives requirement, students may take either a lecture/lab combination (4 credits) or two 3-credit non-lab courses (6 credits). Students who have taken a PSY course to fulfill the Social Perspectives requirement may not take a PSY course to fulfill the Scientific Perspective requirement.	
A. Lecture/Lab Combination Courses	
CHE 114 & 114L	Chemistry in the Kitchen and Chemistry in the Kitchen Lab
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab
SUS 100 & 100L	Introduction to Sustainability Studies and Intro to Sustainability Lab
B. 3-Credit Non-Lab Courses	
BHP 240	Chemistry and Conflict
BHP 251	Idea to Innovation
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [4]
BHP 281	The Rhetoric of Science [4]
BHP 340	Nature and Nurture [4]
BIO 100	Life Science
BNS 107	Life Science: Brain and Behavior
CHE 115	Chemistry & Society
CSC 105	Fundamentals of Computer Science
ENV 110	Future of Natural Resources
ENV 120	Introduction to Climate Change
GEO 100	Earth Systems Science
GEO 110	Geology of National Parks
GEO 113	Environmental Geology
GEO 168	Mesozoic Ruling Reptiles
MAR 120	Oceanography
PHY 180	Astronomy
PSY 131	The Science of Mental Illness [3]
SOC 150	Introduction to Forensics
Social Perspectives:	**6**
Select two of the following. The two courses selected in this category cannot be from the same academic department. Students who have taken a PSY course to fulfill the Scientific Perspectives requirement may not take a PSY course to fulfill the Social Perspectives requirement.	
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy [4]
BHP 205	Under the Influence: Drugs, Deviance, and Culture [4]
BHP 206	Honors Seminar:Politics/Literacy [4]
BHP 212	Children and the Media
BHP 252	Creativity and Design Thinking
BHP 253	A Cross-Cultural Comparison of Play
BHP 259	Honors Seminar: The Environment: a Conflict of Interest [4]
BHP 261	The Online Explosion: Radical Changes in Business and Communication
BHP 281	The Rhetoric of Science [4]
BHP 301	The Law and Racial Progress
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology [4]
BHP 315	Honors Seminar: 20th Century European Ideologies [4]
BHP 340	Nature and Nurture [4]
BHP 351	Genocide, Human Rights & Literature [4]
BHP 360	Moral Psychology [4]
COM 105	Communication, Culture and Media
FTV 202	Global Film & Media Industries
GSS 100	Introduction to Gender Studies
GSS 212	Course GSS 212 Not Found
MCS 110/GSS 110	Race, Class and Gender in Contemporary American Society
MCS 210	Power and Privilege in a Multicultural Society
POL 100	U.S. Politics in Crisis
POL 102	Power, Politics and Justice
PSY 102	Explorations in Psychology Honors [3]
PSY 110	Psychology:The Science of Well-being [3]
PSY 117	Psychology of Creativity [3]
PSY 118	Psychology of Women [3]
SOC 101	Sociological Imagination
SOC 110	Cultural Anthropology

SOC 280	Social Movements Abroad	
Historical Perspectives:		**6**
HIS 150	World History to 1500	
HIS 151	World History Since 1500	
Aesthetic Perspectives:		**6**
Select two of the following, one course in Fine Arts and one course in Literature.		
A. Fine Arts		
AMS 307	Depictions of Racism in American Literature, Music, and Film	
AMS 309	Hip Hop and American Culture	
AMS 310	American Identity in the Arts	
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
BHP 208	The Fantastic in Literature, Art, and Media [4]	
BHP 217	Music and Literature [4]	
BHP 290	Shakespeare: Page, Stage & Screen [4]	
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity [4]	
BHP 333	Music and Social Justice	
BHP 351	Genocide, Human Rights & Literature [4]	
DAN 105	Survey of Dance History	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 120	Music and Society	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MH 100	Topics in Music History	
TH 100	Topics in Music Theory	
THE 105	Theatre History to 1700	
THE 106	Theater History Since 1700	
THE 120	Theater Appreciation	
THE 206	American Theatre History	
THE 207	Contemporary Theatre	
B. Literature		
AMS 210	American Memoir and Autobiography	
AMS 306	Poetry and Poetics in American Culture	
AMS 308	Kurt Vonnegut's America	
BHP 201	Age of Shakespeare: A Study in Cultural History	
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy	
BHP 205	Under the Influence: Drugs, Deviance, and Culture [4]	
BHP 206	Honors Seminar:Politics/Literacy [4]	
BHP 208	The Fantastic in Literature, Art, and Media [4]	
BHP 217	Music and Literature [4]	
BHP 222	Honors Seminar: Existentialism in Literature [4]	
BHP 227	Race, Gender, and Sexuality in the Age of Empire	
BHP 290	Shakespeare: Page, Stage & Screen [4]	
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology [4]	
BHP 305	Inclusive Education and Representations of Disability	
BHP 315	Honors Seminar: 20th Century European Ideologies [4]	
CHI 307	Images of Women in Chinese Literature and Film	
ENG 205	Understanding Literature	
ENG 208	Arthurian Legends in Literature	
ENG 210	Major American Authors	
ENG 211	Major British Authors	
ENG 213	Literature and Mythology	
ENG 214	Monsters in Literature	
ENG 215	Satire and Comedy	
ENG 217	Introduction To Shakespeare	
ENG 218	Literature and the Environment	
ENG 219	Literature and Violence	
ENG 220	Literature & Society	
ENG 221	Literature and Psychology	
ENG 222	Crime and Literature	
ENG 224	Science Fiction	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
ENG 230	Women In Literature	
ENG 270	Major Poets	
ENG 290	The Short Story	
ENG 295	Human Relationships in Literature (HONORS)	
ENG 337	Global Literature	
FRE 305	An Introduction to French Literature	
FRE 422	Cultural Expression in French Film and Television	
FRE 425	Portrait of the Hero in French Fiction	
FRE 430	Mask & Reality in French Theater	
FRE 435	Self in French Prose & Poetry	
FRE 440	A Quest for Identity: Francophone Literature and Culture	
GSS 320	Sex, Gender, and Fairy Tales	
LIT 250	Masterworks of Western Literature I	
LIT 251	Masterworks of Western Literature II	
SPA 320	Introduction to Spanish Literature	
SPA 325	Introduction to Latin-American/Latino Literature	
SPA 413	The Hispanic Short Story: Transatlantic Connections	
SPA 416	The Spanish Golden Age	
SPA 420	From Colonies to Nations	
SPA 426	Latin American/Latino Film and Fiction	
Philosophical Perspectives:		**3**
BHP 222	Honors Seminar: Existentialism in Literature [4]	
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity [4]	
BHP 360	Moral Psychology [4]	
PHL 100	Plato and Aristotle	
PHL 102	Philosophical Thinking	
PHL 110	Logic and Language	
PHL 115	Ethics	
PHL 120	American Philosophy	
PHL 125	Philosophies of Education	
PHL 130	Political Philosophy	

PHL 202	Social Philosophy
PHL 207	Asian Philosophy
PHL 210	Symbolic Logic
PHL 215	Environmental Ethics
PHL 225	Modern Philosophy
PHL 230	Philosophy of the Sexes
PHL 304	Medical Ethics
PHL 310	Problems in 20th-Century Philosophy
PHL 315	Existentialism
PHL 320	Philosophy of Science
PHL 334	Theories of Knowledge
PHL 336	Philosophy of Mind
PHL 343	Theories of Reality
PHL 348	Indian Philosophy
PHL 358	Chinese Philosophy
PHL 360	Contemporary Ethics
PHL 368	Japanese Philosophy

III. GLOBAL PERSPECTIVES **3-4**

Select one course that emphasizes an international, global, and/or non-U.S. cultural perspective and follows the Global Perspective (GP) designation.

BHP 227	Race, Gender, and Sexuality in the Age of Empire
BHP 253	A Cross-Cultural Comparison of Play
BHP 259	Honors Seminar: The Environment: a Conflict of Interest
BHP 315	Honors Seminar: 20th Century European Ideologies
BHP 351	Genocide, Human Rights & Literature
BHP 360	Moral Psychology
CHE 340	Environmental Chemistry
CHI 307	Images of Women in Chinese Literature and Film
CHI 310	Chinese Culture and Civilization
CHI 311	Calligraphy As a Window to Chinese Language and Culture
COM 252	Intercultural Communication
COM 393	International Communication
DAN 105	Survey of Dance History
ENG 337	Global Literature
ENV 100	Introduction to Environmental Sciences
ENV 110	Future of Natural Resources
ENV 120	Introduction to Climate Change
FMS 250/ENG 281	Global Film History: Origins to 1960
FMS 251/ENG 282	Global Film History: 1961 to Present
FRE 301	French for Business
FRE 305	An Introduction to French Literature
FRE 311	French Culture
FRE 422	Cultural Expression in French Film and Television
FRE 425	Portrait of the Hero in French Fiction
FRE 430	Mask & Reality in French Theater
FRE 435	Self in French Prose & Poetry
FRE 440	A Quest for Identity: Francophone Literature and Culture
FTV 202	Global Film & Media Industries
GEO 100	Earth Systems Science
GEO 113	Environmental Geology
GEO 168	Mesozoic Ruling Reptiles
GLS 180	Understanding Global Relations
GLS 200	The Social Construction of Global Society
GLS 201	Politics of the Global Economy
GLS 310	Ethnographic Film
GLS 325	Global Perspectives on Health and Illness
GSS 312	Gender, War and Peace
GSS 322	Witch Hunts: Femicide Through Centuries
GSS 400	Seminar in Transcultural Gender and Sexuality
HCP 303	Global Health and Human Rights
HIS 273	Imperial Russia
HIS 274	Modern Russia
HIS 333	20th-Century Europe
HIS 334	The Era of World War II
HIS 335	Nazi Germany & Hitler's Europe
HIS 343	Ottoman Empire and the Balkans
HIS 352	History of Socialism
LIT 250	Masterworks of Western Literature I
MAR 120	Oceanography
PHL 102	Philosophical Thinking
PHL 207	Asian Philosophy
PHL 334	Theories of Knowledge
PHL 336	Philosophy of Mind
PHL 343	Theories of Reality
PHL 348	Indian Philosophy
PHL 358	Chinese Philosophy
PHL 368	Japanese Philosophy
PHL 418	Great Buddhist Thinkers
POL 210	Public Opinion
POL 215	Global Politics
POL 225	Nationalism in World Politics
POL 255	European Politics
POL 280	Sex & Gender in International Politics
POL 285	The Student Global Village
POL 303	Global Justice
POL 306	American Political Film
POL 307	Political Communication
POL 311/HLS 311	Borders and the State
POL 315	Global Issues
POL 317	Model United Nations
POL 318	Conflict Resolution
POL 320	Politics of the Middle East
POL 322	African Politics
POL 328	Environmental Politics
POL 329	Comparative Environmental Policy
POL 330	Geopolitics of Energy
POL 350	U.S. Foreign Policy and Security Policy

POL 363/HLS 363	Human Rights in Global Context
POL 367	Global Immigration
PSY 334	Disabilities Across Cultures
SOC 110	Cultural Anthropology
SOC 280	Social Movements Abroad
SPA 301	Spanish for Business
SPA 303	Advanced Communication and Popular Cultures
SPA 310	Spanish Culture & Civilization
SPA 311	Latin American Cultures
SPA 312	Latinx Cultures
SPA 320	Introduction to Spanish Literature
SPA 325	Introduction to Latin-American/Latino Literature
SPA 416	The Spanish Golden Age
SPA 420	From Colonies to Nations
SPA 426	Latin American/Latino Film and Fiction
SPA 430	Latinx Community Engagement
SUS 100	Introduction to Sustainability Studies
Total Credits	**43-50**

1.

Appropriate mathematics and science courses may be substituted if required by the major. Students may also fulfill this requirement by taking an upper-level MTH course. (e.g., MTH 210, MTH 211)

2.

Students who place at the 101-level or above are required to take a minimum of 3 credits at the level of placement. Students who are native speakers of languages not offered at Rider University may have their requirement waived upon documentation of proficiency. This documentation could be in the form of a transcript on letterhead sent by the accredited institution abroad, or fee-based proficiency tests. To initiate a request for a waiver, students should see the chairperson of the Department of Languages, Literatures, and Cultures (https://www.rider.edu/academics/colleges-schools/claes/liberal-arts-programs/foreign-language-literatures/). Students beginning a new language must complete the language placement form (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/departments/languages-literatures-cultures/placement-testing/foreign-language-placement-form/) and are not required to take a placement test. Once completing the form, they will have met the prerequisites to register for CHI/FRE/GER/ITA/SPA-100. Culture courses taught in English do not satisfy the language requirement. These courses include FRE 311: French Culture, SPA 310: Spanish Culture and Civilization, SPA 311: Latin American/Latino Culture, SPA 312 Latinx Cultures, CHI 310: Chinese Culture and Civilization, CHI 311: Calligraphy, CHI 307: Images of Women in Chinese Literature and Film.

3.

Students who choose a Psychology course to fulfill a requirement for Scientific Perspectives may not choose a Psychology course to fulfill a requirement for Social Perspectives, and vice versa.

4.

Due to the interdisciplinary nature of BHP classes, upper-level seminars may satisfy two different categories from the Disciplinary Perspectives. For courses that satisfy more than one DP category, BHP students much choose which general education requirement they would like the course to fulfill.

5.

SPA 102 runs for 8 weeks in total, 7 weeks at Rider online and 1 week abroad. During the 7 weeks of online instruction students will gain linguistic skills and cultural knowledge related to the country-destination. These skills and knowledge will prepare the students for the 1 week abroad experience.

6.

Students enrolled into MTH 102 will be given a brief test, prepared by the Department of Mathematics, during the first five business days of the semester. Those placing below a minimum score set by the Department of Mathematics on the test will be required to participate in one hour of structured tutoring once per week concurrent with taking MTH 102. All others enrolled in the class are strongly encouraged to participate in available tutoring.
Mandated structured tutoring will include: an embedded tutor in each class section, a one-hour per week group study session, and will impact the student's grade as determined by individual faculty.

CEP and Virtual Students General Education Requirements

The College of Arts and Sciences Continuing Education core requirements consist of two major areas: Basic Core (p. 1150) and the Areas of Knowledge (p. 1151). Continuing Education students pursuing the Bachelor of Science in Business Administration (B.S.B.A) should refer to the Norm Brodsky College of Business core requirements (p. 573).

We recognize that there will be individual instances where a transfer course substitution may be made for a particular student, as can happen for any student at Rider University; these decisions are made in consultation with department chairs, academic advisors, and the student's academic Dean's office. Transfer course substitutions are widely and generously applied for all CEP students across their curriculum whenever appropriate, as the goal is to maximize a student's ability to successfully complete their degree.

The Basic Core

Code	Title	Credits
CMP 120	Seminar in Writing and Rhetoric	3
CMP 125	Seminar in Writing and Research	3
COM 104	Speech Communication	3
or COM 290	Professional/Strategic Speech	
Quantitative Skills		**3**
Select one of the following courses:		
BDA 201	Introduction to Business Analytics	
MTH 102	Finite Mathematics	
MTH 105	Algebra and Trigonometry	
MSD 105	Quantitative Methods for Business	
MSD 205	Business Statistics	
PSY 201	Statistics and Research Design	
SOC 301	Methods of Sociological Research	
Information Technology		**3**
Select one of the following courses:		
CIS 185	Information Systems Essentials	
CSC 105	Fundamentals of Computer Science	

CYB 105	Introduction to Cybersecurity	
Total Credits		**15**

The Areas of Knowledge

There are four areas of knowledge. Select two or three courses as indicated below from each of the four areas. At least two different disciplines must be represented in each knowledge area. Students are urged to consult with their advisors before selecting courses for the areas of knowledge to ensure that the courses chosen meet the requirements. Students must complete **33-35 credits** combined in the four areas of knowledge to complete the CEP General Education requirements

We recognize that there will be individual instances where a transfer course substitution may be made for a particular student, as can happen for any student at Rider University; these decisions are made in consultation with department chairs, academic advisors, and the student's academic Dean's office. Transfer course substitutions are widely and generously applied for all CEP students across their curriculum whenever appropriate, as the goal is to maximize a student's ability to successfully complete their degree.

- Artistic and Intellectual Perspective (p. 1151)
- Contemporary Perspective (p. 1151)
- Historical Perspective (p. 1153)
- Natural World Perspective (p. 1153)

Artistic and Intellectual Perspective

Code	Title	Credits
Select three of the following courses: (at least two disciplines must be represented)		
AMS 210	American Memoir and Autobiography	
AMS 211	Sports in American Life	
AMS 214	Special Topics in American Studies	
AMS 225	American Folklore	
AMS 229	American Popular Culture	
AMS 309	Hip Hop and American Culture	
AMS 310	American Identity in the Arts	
AMS 338	Social Impact of Rock and Roll	
ART 120	Art and Society	
CHI 311	Calligraphy As a Window to Chinese Language and Culture	
COM 252	Intercultural Communication	
COM 264	Digital Media: Theory and Practice	
COM 301	Communication Law	
COM 302	Communication Ethics	
ENG 205	Understanding Literature	
ENG 208	Arthurian Legends in Literature	
ENG 210	Major American Authors	
ENG 211	Major British Authors	
ENG 213	Literature and Mythology	
ENG 214	Monsters in Literature	
ENG 215	Satire and Comedy	
ENG 217	Introduction To Shakespeare	
ENG 218	Literature and the Environment	
ENG 219	Literature and Violence	
ENG 221	Literature and Psychology	
ENG 222	Crime and Literature	
ENG 224	Science Fiction	
ENG 228	Black American Lit	
ENG 229	Multi-Ethnic Literature in America	
ENG 270	Major Poets	
ENG 290	The Short Story	
ENG 337	Global Literature	
GLS 310	Ethnographic Film	
GSS 100	Introduction to Gender Studies	
GSS 300	Feminist Literary Criticism	
GSS 310	Special Topics	
GSS 312	Gender, War and Peace	
LIT 250	Masterworks of Western Literature I	
LIT 251	Masterworks of Western Literature II	
MUS 120	Music and Society	
MUS 204	Jazz History	
MUS 307	The Music of Radiohead	
MUS 308	World Music	
MUS 311	Unpacking Bruce Springsteen	
MUS 315	Black Music in America	
PHL 100	Plato and Aristotle	
PHL 102	Philosophical Thinking	
PHL 115	Ethics	
PHL 210	Symbolic Logic	
PHL 303	Philosophy of Law	
PHL 336	Philosophy of Mind	
POL 306	American Political Film	
PSY 375	Psychology and Film	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
THE 118	Visual Imagination	
THE 120	Theater Appreciation	

Contemporary Perspective

Code	Title	Credits
Select three of the following courses: (at least two disciplines must be represented)		
AMS 210	American Memoir and Autobiography	
AMS 211	Sports in American Life	
AMS 212	Multicultural America	
AMS 214	Special Topics in American Studies	
AMS 227	Martin Luther King Jr's America	
AMS 229	American Popular Culture	
AMS 304	Technology and Science in America	
AMS 309	Hip Hop and American Culture	
AMS 310	American Identity in the Arts	
AMS 338	Social Impact of Rock and Roll	
COM 105	Communication, Culture and Media	
COM 110	Digital Survival Skills: Media Literacy and Critical Thinking	
COM 207	Social Media and Social Change	
COM 240	Public Relations	

COM 251	Interpersonal Communication
COM 252	Intercultural Communication
COM 264	Digital Media: Theory and Practice
COM 302	Communication Ethics
COM 304	Rhetoric for Politics and Law
COM 318	Gender and Communication
COM 393	International Communication
ECO 200	Principles of Macroeconomics
ECO 201	Principles of Microeconomics
ENG 332	British Literature, 20th-Century to Present
ENG 354	Selected Topics in English
GLS 200	The Social Construction of Global Society
GLS 201	Politics of the Global Economy
GLS 310	Ethnographic Film
GLS 325	Global Perspectives on Health and Illness
GSS 100	Introduction to Gender Studies
GSS 200	Introduction to Women's Studies
GSS 245	Popular Constructions of Gender and Sexuality
GSS 318	Gender and Communication
HIS 289	History of Modern Japan
HIS 333	20th-Century Europe
HIS 341	China in Revolution
HLS 203	Homeland Security
LAW 310	Cyberspace Law and Policy
MCS 110	Race, Class and Gender in Contemporary American Society
PHL 202	Social Philosophy
PHL 203	Business Ethics
PHL 303	Philosophy of Law
PHL 304	Medical Ethics
POL 100	U.S. Politics in Crisis
POL 102	Power, Politics and Justice
POL 200	NJ Government and Politics
POL 230	Methods of Political Analysis
POL 205	Introduction to Public Policy
POL 206	Healthcare Regulation and Governance
POL 210	Public Opinion
POL 215	Global Politics
POL 216	Comparative Political Systems
POL 220	Terrorism & Counter Terrorism
POL 225	Nationalism in World Politics
POL 235	Race and Ethnicity in American Politics
POL 247	Political Campaigning
POL 255	European Politics
POL 260	Politics of Law and Order
POL 280	Sex & Gender in International Politics
POL 281	Sex & Gender in U.S. Politics
POL 300	U.S. Constitutional Law
POL 301	Civil Liberties in the U.S.
POL 303	Global Justice
POL 304	Political Behavior: Fear, Risk and Crisis
POL 305	Political Parties and Electoral Behavior
POL 306	American Political Film
POL 307	Political Communication
POL 308	Capitalism and Inequality
POL 311	Borders and the State
POL 312	Congressional Politics
POL 313	American Presidency
POL 315	Global Issues
POL 317	Model United Nations
POL 326	Power in American Politics
POL 327	Contemporary Issues in American Public Policy
POL 328	Environmental Politics
POL 329	Comparative Environmental Policy
POL 330	Geopolitics of Energy
POL 335	Urban Politics
POL 342	Contemporary Political Theory: Freedom and Authority
POL 350	U.S. Foreign Policy and Security Policy
POL 351	Critical Views of Global Security
POL 361	Courts, Judges and Politics
POL 363	Human Rights in Global Context
POL 365	Politics of the Developing World
POL 367	Global Immigration
PSY 100	Introduction to Psychology
PSY 210	Organizational Psychology
PSY 220	Abnormal Psychology
PSY 230	Child Development
PSY 231	Youth and Adolescent Development
PSY 240	Social Psychology
PSY 360	Psychology of Peace & Conflict
PSY 374	Psychology of the Family
PSY 384	Positive Psychology
SOC 101	Sociological Imagination
SOC 110	Cultural Anthropology
SOC 205	Families
SOC 206	Deviance and Crime
SOC 207	Racial and Ethnic Relations
SOC 211	Social Movements
SOC 216	Youth and Crime
SOC 245	Social Problems
SOC 246	Drugs, Crime & American Society
SOC 247	Aging
SOC 308	Cities And Suburbs
SOC 312	Women in Society
SOC 313	Gender and Criminal Justice
SOC 317	Law and Lawyers
SOC 322	Punishment and Corrections
SOC 330	Class and Economic Inequality
SOC 340	Power and Politics
SOC 342	Police and American Society
SOC 343	Policing and Counter Terrorism
SOC 345	Race and Crime
SOC 346	Health Care and Society

Historical Perspective

Code	Title	Credits
Select three of the following courses: (at least two disciplines must be represented)		
AMS 212	Multicultural America	
AMS 214	Special Topics in American Studies	
AMS 309	Hip Hop and American Culture	
AMS 311	Radicalism in 20th-Century America	
AMS 338	Social Impact of Rock and Roll	
ART 104	Survey of Art History I	
ART 106	Survey of Art History II	
CHI 310	Chinese Culture and Civilization	
COM 105	Communication, Culture and Media	
COM 301	Communication Law	
DAN 105	Survey of Dance History	
DAN 180	History of Movement Theory	
DAN 350	History of Ballet, Modern & Jazz Dance	
ENG 250	Literary History I	
ENG 251	Literary History II	
ENG 411	History of the English Language	
GLS 310	Ethnographic Film	
GSS 100	Introduction to Gender Studies	
GSS 312	Gender, War and Peace	
GSS 322	Witch Hunts: Femicide Through Centuries	
HIS 150	World History to 1500	
HIS 151	World History Since 1500	
HIS 180	U.S. History I	
HIS 181	U.S. History II	
HIS 190	Europe to 1715	
HIS 191	Europe Since 1715	
HIS 200	Native American History	
HIS 201	African American History	
HIS 226	History of New Jersey	
HIS 240	History of Ancient Greece	
HIS 249	Women in Europe from Antiquity to the French Revolution	
HIS 260	Craft of History	
HIS 273	Imperial Russia	
HIS 280	Vietnam in Peace and War	
HIS 281	Modern Middle East	
HIS 284	Caribbean History	
HIS 289	History of Modern Japan	
HIS 307	The Immigrant in American Life	
HIS 309	Women in American History	
HIS 319	Gender and Sexuality in American History	
HIS 333	20th-Century Europe	
HIS 334	The Era of World War II	
HIS 335	Nazi Germany & Hitler's Europe	
HIS 341	China in Revolution	
HIS 351	Warfare in History	
HIS 352	History of Socialism	
HIS 398	Special Topics in History	
HLS 204	Development and Structure of the US Intelligence Community	
MUS 105	Survey of Music History I	
MUS 106	Survey of Music History II	
MUS 205	History of Pop and Rock Part I	
MUS 206	History of Pop and Rock Part 2	
MUS 304	Music of the Beatles	
MUS 309	Film Music	
PHL 120	American Philosophy	
PHL 207	Asian Philosophy	
PHL 230	Philosophy of the Sexes	
POL 239	Modern Political Theory	
POL 313	American Presidency	
POL 343	American Political Thought	
POL 345	Ancient Political Theory: Justice	
SOC 211	Social Movements	
SOC 261	Schools and Schooling	
SOC 311	Social and Cultural Change	
SPA 310	Spanish Culture & Civilization	
SPA 311	Latin American Cultures	
THE 105	Theatre History to 1700	
THE 106	Theater History Since 1700	
THE 206	American Theatre History	

Natural World Perspective

Code	Title	Credits
Select two of the following courses: (at least two disciplines must be represented)		
BIO 100	Life Science	
BIO 110 & 110L	Life Science: Inquiry Approach and Life Science: Inquiry Approach Lab	
BIO 115 & 115L	Principles of Biology I and Principles of Biology I Lab	
BIO 116 & 116L	Principles of Biology II and Principles of Biology II Lab	
BNS 107	Life Science: Brain and Behavior	
CHE 100	Intro to College Chemistry	
CHE 110 & 110L	Survey of General Chemistry and Survey of Gen Chemistry Lab	
CHE 114 & 114L	Chemistry in the Kitchen and Chemistry in the Kitchen Lab	
CHE 115	Chemistry & Society	
CHE 118	Exploration of Chemical Principles	
CHE 120 & CHE 121	Principles of Chemistry and Principles of Chemistry Lab	
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab	
ENV 110	Future of Natural Resources	
ENV 120	Introduction to Climate Change	
GEO 100	Earth Systems Science	
or GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab	
GEO 110	Geology of National Parks	
GEO 113	Environmental Geology	

GEO 168	Mesozoic Ruling Reptiles
MAR 120	Oceanography
or MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab
PHY 100	Principles of Physics I
PHY 180	Astronomy
PSY 131	The Science of Mental Illness
SUS 100 & 100L	Introduction to Sustainability Studies and Intro to Sustainability Lab

Code	Title	Credits
Total Areas of Knowledge Credits:		33-35

General Education Requirements - Media Arts and Performing Arts

CAS General Education Requirements

for Media Arts and Performing Arts

In addition to the information given here and on the following pages, students are referred to individual department handbooks for additional information and requirements.

Students in any Media Arts and Performing Arts degree must earn a minimum of 120 credits. The BFA in Musical Theatre requires a minimum of 121 credits.

General Education Requirements

Students in the Department of Communication must complete the CAS General Education Curriculum (p. 1146) (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/general_education_requirements/)as listed under the College of Arts and Sciences. All other majors in Media Arts and Performing Arts must complete these requirements:

Code	Title	Credits
I. ESSENTIAL COMPETENCIES:		
Reading and Writing		**6**
CMP 120	Seminar in Writing and Rhetoric	
or BHP 100	Honors Seminar: Great Ideas I	
Select one of the following:		
CMP 125	Seminar in Writing and Research	
or BHP 150	Honors Seminar: Great Ideas II	
CMP 203	Literature and Composition	
Mathematical Reasoning [1]		**3-4**
Select one of the following:		
MTH 102	Finite Mathematics	
MTH 105	Algebra and Trigonometry	
or MTH 106	Precalculus	
Foreign Language Proficiency [2]		**3-6**
Select one or two Chinese courses depending on placement test:		
CHI 100	Chinese I	
CHI 101	Chinese II	
CHI 200	Chinese III	
CHI 201	Chinese IV	
Or CHI 3-400 level course taught in Chinese		
OR select one or two French courses depending on placement test:		
FRE 100	French I	
FRE 101	French II	
FRE 200	French III	
FRE 201	French IV	
OR FRE 3-400 level course taught in French		
OR select one or two German courses depending on placement test:		
GER 100	German I	
GER 101	German II	
GER 200	German III	
GER 201	German IV	
OR select one or two Italian courses depending on placement test:		
ITA 100	Italian I	
ITA 101	Italian II	
ITA 200	Italian III	
ITA 201	Italian IV	
OR select one or two Spanish courses depending on placement test:		
SPA 100	Spanish I	
SPA 101	Spanish II	
or SPA 102	Elementary Spanish II Abroad	
or SPA 103		
SPA 200	Spanish III	
SPA 201	Spanish IV	
Or SPA 3-400 level course taught in Spanish		
II. DISCIPLINARY PERSPECTIVES		
Scientific Perspectives:		**3-4**
To fulfill the Scientific Perspectives requirement, students may take either a lecture/lab combination (4 credits) or one 3-credit non-lab courses. Students who have taken a PSY course to fulfill the Social Perspectives requirement may not take a PSY course to fulfill the Scientific Perspective requirement.		
A. 3-Credit Non-Lab Courses		
BHP 240	Chemistry and Conflict	
BHP 251	Idea to Innovation	
BHP 259	Honors Seminar: The Environment: a Conflict of Interest	
BHP 281	The Rhetoric of Science	
BHP 340	Nature and Nurture	
BIO 100	Life Science	
BNS 107	Life Science: Brain and Behavior	
CHE 115	Chemistry & Society	
ENV 110	Future of Natural Resources	
ENV 120	Introduction to Climate Change	
GEO 100	Earth Systems Science	
GEO 110	Geology of National Parks	
GEO 113	Environmental Geology	
GEO 168	Mesozoic Ruling Reptiles	
MAR 120	Oceanography	
PSY 100	Introduction to Psychology	
PHY 180	Astronomy	
PSY 131	The Science of Mental Illness	
SOC 150	Introduction to Forensics	
B. Lecture/Lab Combination Courses		

CHE 114 & 114L	Chemistry in the Kitchen and Chemistry in the Kitchen Lab
ENV 100 & 100L	Introduction to Environmental Sciences and Introduction to Environmental Sciences Lab
GEO 100 & GEO 102	Earth Systems Science and Earth Materials and Processes Lab
MAR 120 & MAR 121	Oceanography and Introductory Oceanography Lab
SUS 100 & 100L	Introduction to Sustainability Studies and Intro to Sustainability Lab

Social Perspectives: **3**

Select one of the following. The course selected in this category cannot be from the same academic department. Students who have taken a PSY course to fulfill the Scientific Perspectives requirement may not take a PSY course to fulfill the Social Perspectives requirement.

BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy
BHP 205	Under the Influence: Drugs, Deviance, and Culture
BHP 206	Honors Seminar:Politics/Literacy
BHP 212	Children and the Media
BHP 252	Creativity and Design Thinking
BHP 253	A Cross-Cultural Comparison of Play
BHP 259	Honors Seminar: The Environment: a Conflict of Interest
BHP 261	The Online Explosion: Radical Changes in Business and Communication
BHP 281	The Rhetoric of Science
BHP 301	The Law and Racial Progress
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology
BHP 315	Honors Seminar: 20th Century European Ideologies
BHP 340	Nature and Nurture
BHP 360	Moral Psychology
COM 105	Communication, Culture and Media
FTV 202	Global Film & Media Industries
GSS 100	Introduction to Gender Studies
MCS 210	Power and Privilege in a Multicultural Society
or GSS 110	Race, Class and Gender in Contemporary American Society
MCS 210	Power and Privilege in a Multicultural Society
POL 100	U.S. Politics in Crisis
POL 102	Power, Politics and Justice
PSY 102	Explorations in Psychology Honors
PSY 110	Psychology:The Science of Well-being
PSY 117	Psychology of Creativity
PSY 118	Psychology of Women
SOC 101	Sociological Imagination
SOC 280	Social Movements Abroad

Historical Perspectives: **6**

HIS 150	World History to 1500
HIS 151	World History Since 1500

Literature **3**

Select one course from the following list:

AMS 210	American Memoir and Autobiography
AMS 306	Poetry and Poetics in American Culture
AMS 308	Kurt Vonnegut's America
BHP 201	Age of Shakespeare: A Study in Cultural History
BHP 203	Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy
ENG 205	Understanding Literature
BHP 205	Under the Influence: Drugs, Deviance, and Culture
BHP 206	Honors Seminar:Politics/Literacy
BHP 222	Honors Seminar: Existentialism in Literature
BHP 227	Race, Gender, and Sexuality in the Age of Empire
BHP 268	Course BHP 268 Not Found
BHP 290	Shakespeare: Page, Stage & Screen
BHP 302	Mirrors of the Mind: The Interplay of Literature and Psychology
BHP 315	Honors Seminar: 20th Century European Ideologies
CHI 307	Images of Women in Chinese Literature and Film
ENG 205	Understanding Literature
ENG 208	Arthurian Legends in Literature
ENG 210	Major American Authors
ENG 211	Major British Authors
ENG 213	Literature and Mythology
ENG 214	Monsters in Literature
ENG 215	Satire and Comedy
ENG 217	Introduction To Shakespeare
ENG 218	Literature and the Environment
ENG 219	Literature and Violence
ENG 220	Literature & Society
ENG 221	Literature and Psychology
ENG 222	Crime and Literature
ENG 224	Science Fiction
ENG 228	Black American Lit
ENG 229	Multi-Ethnic Literature in America
ENG 230	Women In Literature
ENG 270	Major Poets
ENG 290	The Short Story
ENG 295	Human Relationships in Literature (HONORS)
ENG 337	Global Literature
FRE 305	An Introduction to French Literature
FRE 422	Cultural Expression in French Film and Television
FRE 425	Portrait of the Hero in French Fiction
FRE 430	Mask & Reality in French Theater
FRE 435	Self in French Prose & Poetry
FRE 440	A Quest for Identity: Francophone Literature and Culture
GSS 320	Sex, Gender, and Fairy Tales
LIT 250	Masterworks of Western Literature I
LIT 251	Masterworks of Western Literature II
SOC 204	Law, Literature, and Film in America
SPA 320	Introduction to Spanish Literature
SPA 325	Introduction to Latin-American/Latino Literature
SPA 413	The Hispanic Short Story: Transatlantic Connections

SPA 416	The Spanish Golden Age	
SPA 420	From Colonies to Nations	
SPA 426	Latin American/Latino Film and Fiction	
Philosophical Perspectives:		**3**
Select one of the following:		
BHP 222	Honors Seminar: Existentialism in Literature	
BHP 307	Presence of Mind — Artificial Intelligence and Human Creativity	
BHP 360	Moral Psychology	
PHL 100	Plato and Aristotle	
PHL 102	Philosophical Thinking	
PHL 110	Logic and Language	
PHL 115	Ethics	
PHL 120	American Philosophy	
PHL 125	Philosophies of Education	
PHL 130	Political Philosophy	
PHL 202	Social Philosophy	
PHL 207	Asian Philosophy	
PHL 210	Symbolic Logic	
PHL 215	Environmental Ethics	
PHL 225	Modern Philosophy	
PHL 230	Philosophy of the Sexes	
PHL 304	Medical Ethics	
PHL 310	Problems in 20th-Century Philosophy	
PHL 320	Philosophy of Science	
PHL 334	Theories of Knowledge	
PHL 336	Philosophy of Mind	
PHL 343	Theories of Reality	
PHL 348	Indian Philosophy	
PHL 358	Chinese Philosophy	
PHL 360	Contemporary Ethics	
PHL 368	Japanese Philosophy	
Total Credits		**30-35**

1

College Reading required only of those students scoring 470 or lower on the reading comprehension portion of the SAT.

2

Students who place at the 101-level or above are still expected to take a minimum of three (3) credits at the level of placement. Students who are native speakers of languages not offered at Rider University may have the Foreign Language requirement waived upon documentation of proficiency. This documentation could be in the form of a transcript on letterhead sent by the accreditated institution abroad, or fee-based proficiency tests. To initiate a request for a waiver, students should see the chairperson of the Department of Foreign Languages, Literatures and Cultures.

3

MTH 100 may be required based upon ACT/SAT scores.

College of Arts and Sciences Policies

College of Arts & Sciences Policies

Graduation Requirements

All students completing a major in the CAS must complete 120 credits (or more if required for their program) that include Engaged Learning, College of Arts and Sciences General Education Curriculum (CAS GEC)/ Fine and Performing Arts General Education Curriculum, or the general education curriculum associated with their major, required courses for major(s) and/or minor(s), and potential electives; the last 30 credits must be taken at Rider. To graduate, all students must earn a 2.0 or higher GPA, both cumulative and in the major, and, if applicable, in the second major or minor.

Independent Research and Creative Expression

Students who wish to explore specific topics of inquiry as a result of coursework may take up to 12 semester hours of independent research and creative expression toward graduation. To be eligible for independent research and creative expression a student must be a junior or a senior in good academic standing. Only one project can be scheduled per semester for 1-4 credit hours. Each independent research and creative expression proposal must be approved by a faculty sponsor, the department chairperson, and the Associate Dean of the College of Arts and Sciences by no later than the third week of the semester in which the project is to be conducted. Planning for independent research and creative expression should begin during the semester before the student registers for the credits.

Internships

Internships are unique opportunities for connecting the skills and theories learned in the classroom to experiences in the workplace. They also provide students a chance to explore future career goals while earning academic credit. Students may apply up to 8 semester hours of internship toward graduation. To be eligible for an internship, a student must be at the junior or senior level and be in good academic standing. Only one internship can be scheduled during a semester for 1-4 credit hours. The number of credits earned is based on departmental policy and the number of hours completed at the internship site. Students must work a minimum of 120 hours to earn 3 credits. A faculty sponsor, the department internship coordinator, and the Associate Dean of the College of Arts and Sciences must approve the internship by no later than the third week of the semester in which the internship is to be completed.

Pass/Fail Grading Option

Eligible students in the College of Arts and Sciences interested in taking a course as a pass/fail to gain experience and credit without affecting their grade point average may apply for the pass/fail grading option through the CAS Dean's office during the course registration period. The dean's office will notify the student once the form has been reviewed and the course has been approved by the department to be offered under the pass/fail option. The student will have until the end of the sixth week of the semester to notify the Dean's Office if s/he decides to change to a regular grading status.

This option is available only to students with a cumulative GPA of no less than 2.5 and who have earned at least 45 credits. The pass/fail option may only be used for elective credits; it will not apply to any courses that are being used to complete a major, minor, or core requirement. The pass/fail option can be used for no more than 2 courses and a maximum of 8 credits. The pass/fail option will be "blind" to the instructor, thus the

student's work will not be assessed any differently from other students in the class. A student must earn at least a C in a pass/fail course to receive credit. The pass/fail course will not factor into the GPA and the student's transcript will indicate only a P (pass) or U (fail) for the course.

Undergraduate Students Taking Graduate Courses

Students who are eligible to take CAS graduate courses during their senior year must have a minimum cumulative GPA of 3.0. Under most circumstances, up to six credits of graduate courses may be taken as an undergraduate and would be included in the regular, full-time tuition fee. These credits may be applied to the undergraduate degree requirements, including in the calculation of undergraduate GPA. Should the student matriculate into the CAS graduate program, these credits, but not the grades, would be subsequently transferred to the graduate transcript.

Students enrolled in Rider's Accelerated B.A./M.A. in Counseling Services and Accelerated B.A./M.A. in Clinical Mental Health Counseling will be allowed to take up to 15 credits of graduate coursework during their senior year that counts toward both the bachelor's and master's degrees. These credits, but not the grades, would be subsequently transferred to the graduate transcript. For students in the Accelerated B.A./M.A. in Counseling Services and Accelerated B.A./M.A. in Clinical Mental Health Counseling programs earning a B.A. degree in Psychology a maximum of 6 graduate credits may be applied to their undergraduate major requirements.

Students admitted to the Bachelor of Music Education /Master of Music Education (BM/MME) 4+1 degree program are permitted to take 600-level courses once they attain junior status (60 or more earned credits) and 700-level courses when they reach senior status (90 or more earned credits). Students must maintain an undergraduate GPA of 3.0 or above in order to take graduate level courses.

Continuing Education Program Policies

Rider's Continuing Education Program (CEP) recognizes that learning is a lifelong process and that students need flexible learning opportunities. Students enroll in continuing education for a variety of reasons: to earn a degree, to develop their professional skills, learn more about our complex society, expand their personal lives, earn a certification, prepare for graduate study or prepare for a career change. CEP students may take courses during the day, evening, and online.

Prospective students are welcome to make an appointment with a CEP academic advisor to discuss program goals and have a transcript credit evaluation. Enrolled students may contact Dr. Brooke Hunter, Associate Dean, 609-895-5378 or bhunter@rider.edu with any questions.

Changing to Degree Candidacy (Matriculation)

Non-matriculated students interested in degree candidacy should consult an academic advisor before applying for admission to a degree program. An applicant for matriculation must have at least a 2.0 average at Rider and meet the admissions requirements as described for degree candidates. (Specific majors may require a higher grade point average.)

When students qualify for matriculation, they will receive credit toward their degrees for all applicable courses previously completed satisfactorily. Students are bound by the degree requirements and transfer credit policy in effect at the time of matriculation.

Students who have earned more than 21 credits at Rider as non-degree candidates may be asked to explain their educational goals and, if appropriate, to matriculate.

Audit and Alumni Audit

Students who want to attend classes without taking examinations or receiving grades may audit courses when class space allows. Audited classes will be indicated with the notation of "X" on the transcript.

The extent to which an auditor may take part in a course's activities is determined by the student and the instructor. In addition to the audit fee, students auditing a course carrying separate fees must pay all such required fees.

Students who want to enroll as auditors should apply and register with the CEP admissions counselor (https://www.rider.edu/admissions/continuing-studies/contact/) during the scheduled evenings of the first week of class. Students who register on an audit basis may not change from audit to credit during a semester. However, a student who has audited a course may take that same course for credit in a later semester at full tuition.

Students who register on an audit basis may not change from audit to credit during a semester, except during the add period. Students originally registered for credit may change to audit status during the add/drop period. Students should refer to the academic calendar (http://www.rider.edu/academics/academic-support-services/registrar/academic-calendars/) of each term [Spring, Summer, Fall, JTerm] for specific add and drop/add dates.

Rider alumni (http://www.rider.edu/alumni/) who want to audit courses receive a special discount and should contact a CEP admissions counselor (https://www.rider.edu/admissions/continuing-studies/contact/).

Credits by Nontraditional Means

Credit earned for college-level knowledge obtained through means other than traditional classroom work at an accredited college may be considered for transfer. Students should consult with a CEP admissions counselor (https://www.rider.edu/admissions/continuing-studies/contact/) to discuss the transferability of nontraditional credit.

Nontraditional transfer credits include:

- College Level Examination Program (CLEP (https://clep.collegeboard.org/exams/)) credits;
- Advanced Placement credits;
- Formal military credits which meet Rider standards and procedures;
- DANTES Subject Standardized Test that meets credit recommendations established by the American Council on Education;
- Validation or assessment of specific courses approved by a Rider faculty member;
- Prior learning assessment (PLA) based on demonstrated learning acquired through life and work experience approved by Rider faculty.

Old Credits Policy

The academic record of a student returning to Rider after an absence of 10 years or more will be re-evaluated to determine the applicability of old courses to present requirements. Grades earned in courses taken

10 years or more before returning will not be counted in the student's present grade point average. Old courses that are judged applicable to current degree programs will be used to meet degree requirements.

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Courses and Descriptions

Course Search

Use a comprehensive keyword (p. 14) search (p. 14) **to find the courses you are interested in.**

Accounting (ACC)

Courses and Descriptions

ACC 210 Introduction to Accounting 3 Credits
This course provides an introduction to basic principles and methods of accounting essential to preparation, understanding and interpretation of financial statements. Topics include accounting for merchandising concerns, current assets, long-term assets, liabilities and equity accounts. A brief overview of internal control is also covered.

ACC 220 Managerial Uses of Accounting 3 Credits
This course provides an introduction to the use of accounting information in managerial decision-making. Topics include cost behavior, cost classifications, and problem-solving functions of accounting as they pertain to planning, control, evaluation of performance, special decisions, and budgeting. The interpretation of published financial statements and the statement of cash flow are also covered.
Prerequisite(s): ACC 210.

ACC 302 Cost Management 3 Credits
This course focuses on firm strategy and the role managerial accounting information plays in the decision making process. Topics include the balanced scorecard, the value chain, product life cycles , target costing, theory of constraints, strategic pricing, management and control of quality cost systems, traditional and activity-based costing, cost control, standard costs and variances, and capital budgeting.
Prerequisite(s): ACC 220 with a minimum grade of C- and CIS 185 with a minimum grade of C-.

ACC 302P Cost Management 3 Credits
This course focuses on firm strategy and the role managerial accounting information plays in the decision making process. Topics include the balanced scorecard, the value chain, product life cycles , target costing, theory of constraints, strategic pricing, management and control of quality cost systems, traditional and activity-based costing, cost control, standard costs and variances, and capital budgeting.
Prerequisite(s): PMBA 8020 or PMBA 8020 waiver. This course is restricted to students in the MAcc program.

ACC 310 Acct Theory & Concepts I 3 Credits
This is the first upper-level course in a sequence in financial accounting courses. Topics include the conceptual framework, and standard setting process followed by application and evaluation of generally accepted accounting principles including content, and structure of financial statements, present value concepts, current assets, current liabilities, property, plant, and equipment, intangible assets and non-current liabilities are studied. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisite(s): (ACC 210 with a minimum grade of C- and ACC 220 with a minimum grade of C-) or PMBA 8020 or VL10 with a score of WV).

ACC 310P Acct Theory & Concepts I 3 Credits
This is the first upper-level course in a sequence in financial accounting courses. Topics include the conceptual framework, and standard setting process followed by application and evaluation of generally accepted accounting principles including content, and structure of financial statements, present value concepts, current assets, current liabilities, property, plant, and equipment, intangible assets and non-current liabilities are studied. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisite(s): PMBA 8020. This course is restricted to students in the MAcc program.

ACC 311 Accounting Theory & Concepts II 3 Credits
This course is a continuation of ACC 310. Topics include long-term investments, stockholders' equity, earnings per share, interperiod income tax allocation, accounting changes, revenue recognition, pensions, leases and cash flow analysis. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisites: ACC 310 with a minimum grade of C- or VL02 with a score of WV.

ACC 311P Acct Theory & Concepts II 3 Credits
This course is a continuation of ACC 310. Topics include long-term investments, stockholders' equity, earnings per share, interperiod income tax allocation, accounting changes, revenue recognition, pensions, leases and cash flow analysis. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisite(s): ACC 310 or ACC 310-P. Restricted to students in the MAcc program.

ACC 320 Accounting Info Systems 3 Credits
This course provides an introduction to accounting information systems and enterprise-wide, process-focused information systems. Topics include quality of data for decision usefulness, internal control concepts and documentation tools, and database theory and applications.
Prerequisite(s): ACC 220 and CIS 185.

ACC 321 Internal Auditing 3 Credits
This course provides an introduction to the internal audit profession, including understanding the nature and activities associated with the internal audit process. Topics include: international auditing standards, risk assessment including internal control system evaluation, business processes, and the relationship of management and employee fraud to the internal audit process.
Prerequisite(s): ACC 220.

ACC 325 Fraud Examination and Business Forensics 3 Credits
This course provides an introduction to the prevalence of fraud in all forms of business, including the many methods used by employees and managers to perpetrate fraud. Topics include: the motivation of individuals to commit fraud, various types of fraud schemes perpetrated in the workplace, as well as the various tools and techniques that are used to investigate, detect and prevent fraud.
Prerequisite(s): ACC 210.

ACC 335 Small Business Taxation 3 Credits
This course provides an understanding of the key tax issues faced by small businesses and their business implications. It also familiarizes prospective business owners with various tax filing requirements so that they can use the expertise of tax professionals more effectively.
Prerequisite(s): ACC 210.

ACC 399 The Co-Operative Experience 6 Credits
This course provides the student with a semester long supervised employment with participating companies. Students are evaluated periodically by senior staff members of the participating firms and required to complete a work journal, self-assessment and reflection paper. Eligible students include junior and senior accounting majors with a minimum GPA of 3.0 in accounting coursework. Co-op credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis.
Prerequisite(s): ACC 210, ACC 220, and ACC 310 and permission of department chairperson.

ACC 400 Principles of Auditing 3 Credits
This course provides an introduction to financial statement audits performed by certified public accountants. Topics include corporate governance, the audit environment, professional standards, audit methodology, and audit report preparation. The course also provides an overview of other types of assurance and non-assurance services provided by CPA firms.
Prerequisite(s): (ACC 310 with a minimum grade of C- or ACC 310P with a minimum grade of C-) or VL02 with a score of WV.

ACC 400P Principles of Auditing 3 Credits
This course provides an introduction to financial statement audits performed by certified public accountants. Topics include corporate governance, the audit environment, professional standards, audit methodology, and audit report preparation. The course also provides an overview of other types of assurance and non-assurance services provided by CPA firms.
Prerequisite(s): ACC 310 or ACC 310P. Restricted to students in the MAcc.

ACC 405 Accounting Problems & Practice 3 Credits
This course provides additional coverage of financial reporting issues and procedures. Topics include business combinations, consolidated financial statements, foreign currency translation, the effects of diversity across countries, disclosure and SEC reporting issues. Governmental and not-for-profit accounting standards are also covered.
Prerequisite(s): (ACC 311 with a minimum grade of C- or ACC 311P with a minimum grade of C- or VL03 with a score of WV).

ACC 405P Accounting Problems & Practice - PM 3 Credits
This course provides additional coverage of financial reporting issues and procedures. Topics include business combinations, consolidated financial statements, foreign currency translation, the effects of diversity across countries, disclosure and SEC reporting issues. Governmental and not-for-profit accounting standards are also covered.
Prerequisite(s): ACC 311 or ACC 311P. Restricted to students in the MAcc program.

ACC 406 Integrative Professional Capstone 3 Credits
This course provides an integrative experience that applies financial statement and data analysis tools to a variety of accounting settings. Topics include issues of ethics and professionalism and linkages between accounting methods and company policy, equity valuation, bond ratings and other decision areas.
Prerequisite(s): ACC 405 or permission of department chairperson.

ACC 410 Fundamentals of Federal Taxation 3 Credits
This course provides fundamental federal tax concepts applicable to individuals, partnerships, corporations, estates, and gifts. Topics are considered from a tax compliance and planning perspective. Preparation of individual and corporate tax returns is also included.
Prerequisite(s): ACC 311 with a minimum grade of C- or ACC 311P with a minimum grade of C- or VL03 with a score of WV.

ACC 410P Fund of Federal Taxation - PM 3 Credits
This course provides fundamental federal tax concepts applicable to individuals, partnerships, corporations, estates, and gifts. Topics are considered from a tax compliance and planning perspective. Preparation of individual and corporate tax returns is also included.
Prerequisite(s): ACC 311 or ACC 311P. Restricted to students in the MAcc program.

ACC 450 Business Forensic Application 3 Credits
This course provides an opportunity to perform complex investigative cases and analyses, thus demonstrating mastery of the knowledge and skills required to be effective forensic professionals. The course covers how to manage and present digital and technical evidence gathered for forensic litigation cases, including the ability to be an expert witness in court.
Prerequisite(s): ACC 325 and ACC 321.

ACC 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and department chairperson. Available to juniors and seniors.

ACC 491 Accounting Internship 3 Credits
This course provides the student with approximately two months of supervised employment with participating companies. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a term paper. Eligible students include junior and senior accounting majors with a minimum GPA of 3.0 in accounting coursework. Upon completion of course, a letter grade will be awarded.
Prerequisite(s): Permission of department chairperson.

Advertising (ADV)

Courses and Descriptions

ADV 315 Media Planning and Strategy 3 Credits
This course focuses on the essential principles, measurements, procedures and problems encountered in determining appropriate media in which to place specific kinds of advertising messages designed to reach closely defined target audiences. The advantages and disadvantages of all media will be discussed from an advertising perspective. Specific audience and cost calculations and analyses will be used to develop comprehensive media plans.
Prerequisite(s): either ADV 200 or MKT 205. Required for advertising majors.

ADV 490 Independent Research and Study 1-4 Credits
Topic to be approved by the professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.

ADV 491 Internship-Based Indep Study 3 Credits
Provides the student an opportunity to supplement and apply classroom work in supervised employment with participating marketing and advertising firms. Requirements include a journal with a log of daily activities, and a project or term paper presented to and evaluated by the internship sponsor. Evaluation will also include a report by the company on the intern's performance. Credits may be used to satisfy business or free elective requirements.
Prerequisite(s): Permission of instructor.

American Studies (AMS)

Courses and Descriptions

AMS 200 Introduction to American Studies 3 Credits
An introduction to various historical definitions of the American experience and national identity and the methods of research used by American Studies scholars. Students will explore multiple routes into American Studies (sociocultural, literary, anthropological, and historical) and practice methods that may include historical/archival research, public policy analysis, ethnography, literary analysis, cultural studies/media analysis, and other interdisciplinary approaches.

AMS 210 American Memoir and Autobiography 3 Credits
Studies American memoir and autobiography through analysis of literary and cultural tropes such as the self-made American, the immigrant who achieves the American Dream, bootstraps and rags-to-riches stories, etc. Texts represent the experiences of Americans of different genders, classes, races, ethnicities, and religions.

AMS 211 Sports in American Life 3 Credits
Literary, sociological, and psychological views of sports in 20th-century American life are examined, focusing on sports as a symbol and reflection of our ideals and tensions.

AMS 212 Multicultural America 3 Credits
Focusing primarily on the new century, this course explores the experiences of the remarkably diverse range of ethnic groups who have come to the U.S. in recent years, including Hispanics, Europeans, Asians and Africans. How these groups have impacted the communities where they have settled, how they have interacted with other ethnic groups, and how they have assimilated (or not) and prospered (or not) are among the issues examined and discussed.

AMS 213 American Myth in Literature, Landscape, and Music 3 Credits
A study of the New World and related myths from an interdisciplinary perspective. Students will read essays, fiction, and poetry by Poe, Melville, Emerson, Whitman, James, and others. Paintings and musical works embodying New World concepts will be examined in connection with the above authors.

AMS 214 Special Topics in American Studies 3 Credits
Studies in specialized areas of American culture, including travel courses to New Orleans and Spoleto USA. Topics change each semester and are listed in the course roster.

AMS 215 Alfred Hitchcock in America 3 Credits
Explores the influence of American culture on the films of Alfred Hitchcock following his immigration to the United States. Students will study one of the cinema's greatest auteurs through the lens of American culture and its impact on Hitchcock's European sensibility. Also explores the reverse dynamic: how Hitchcock transformed American cinema.

AMS 225 American Folklore 3 Credits
An introduction to folk language, custom, and material culture in the United States. Proverbs; myths, legends, and tales; superstitions; music; arts and crafts are treated from both aesthetic and social perspectives. Students will collect and examine folklore within their own cultural contexts.

AMS 226 The New South in Literature, Music and Film 3 Credits
An exploration of Southern culture since World War II and how it has influenced American society as a whole. In literature, music, and film, the Sun Belt has been a significant, innovative region. From the spread of New Orleans jazz through the plays of Tennessee Williams to the fiction of Flannery O'Connor, Southern art has helped shape the larger American culture. This course examines that influence from an interdisciplinary perspective. This course offers a cross-listed section to those who wish to travel to a great southern city.

AMS 227 Martin Luther King Jr's America 3 Credits
This course studies Martin Luther King Jr's writings, speeches, and sermons, the context of the America he saw in his lifetime, and the implications of his message for today's America and its place in the world. King envisioned a wholly democratic America free of racism, poverty, and military aggression. Students will critically assess the political, economic, and religious thought at the root of his call for change.

AMS 228 Studies in American Jewish Culture 3 Credits
Focuses on important fiction, criticism, social/philosophical commentary, history, and films by 20th-century Jewish American intellectuals, including Michael Gold, Anzia Yezierska, Saul Bellow, Bernard Malamud, Philip Roth, Cynthia Ozick, Grace Paley, Rebecca Goldstein, Art Spiegelman, Arthur Hertzberg, Leslie Fiedler, Chaim Potok, Woody Allen, and David Mamet.

AMS 229 American Popular Culture 3 Credits
An exploration of American popular culture and its profound impact on both the United States and the rest of the world. Pop-culture theorists regard American culture as a dominant force; this course examines the development of this trend from historical, political, and artistic perspectives.

AMS 250 America and the Future 3 Credits
Examines the projections of the American future in terms of the past and present. Emphasizes American studies methodologies, drawing upon philosophical, literary, environmental, and other varieties of futuristic speculations.

AMS 304 Technology and Science in America 3 Credits
An overview of the development and impact of technology and science on American institutions. Topics include innovation, economic growth, science and its relation to technology, social theory, and the politics of science.

AMS 305 Religion in America 3 Credits
Introduces the changing patterns of American development from the sectarianism of colonial America to the pluralism and growing secularism of the 20th-century American religious scene.

AMS 306 Poetry and Poetics in American Culture 3 Credits
Examines American poetry and poetics in relation to American culture and history of the 18th through the 21st centuries. Students read poems and statements about poetry, view artworks, hear recordings, and examine hypertext versions of poems.

AMS 307 Depictions of Racism in American Literature, Music, and Film 3 Credits
Depictions of Racism in American Literature, Music, and Film will study representations of racism in the American arts in historical context. Students will examine artistic representations of practices that disadvantage and disfranchise non-white Americans, with an eye toward understanding the ways America's history of racist practices has prompted responses from American writers, musicians, and filmmakers.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

AMS 308 Kurt Vonnegut's America 3 Credits
Kurt Vonnegut's America will introduce students to Kurt Vonnegut's novels, short stories, essays, and plays, as well as critical approaches to his work. Students will examine Vonnegut's career and life as they speak to larger themes in American Studies and examine several aspects of this author's unique view of America, which challenged the easy embracing of complicated values like freedom and equality as symbols that America has seen disconnected from their meanings and origins.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

AMS 309 Hip Hop and American Culture 3 Credits
Explore hip-hop culture via the music, dance, art, and poetry created in some of the poorest and most segregated neighborhoods in America. Students will examine the social conditions that fostered the creation of hip-hop and delve into a range of issues confronted in hip-hop music and culture.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

AMS 310 American Identity in the Arts 3 Credits
Studies the place of the arts and the position of the creative artist in contemporary American society, with particular emphasis on the problems of the artist's search for an American identity in the complex cultural milieu.
Prerequisites: CMP 125 or CMP 203 or BHP 150.

AMS 311 Radicalism in 20th-Century America 3 Credits
Discusses a number of radical intellectual, literary, and political movements, organizations, and parties from the points of view of their members and leaders, and their historical genesis and development within the context of 20th-century American political life.

AMS 312 American Photography 3 Credits
An intensive analysis of the documentary, aesthetic, and expressive significance of photography in American culture from 1850 to the present. Particular emphasis on the interrelationships between photography and developments in American history, painting, literature, and the social sciences. This course does not deal with the technical aspects of still photography.

AMS 313 Black American Thought 3 Credits
This course introduces students to the critical and constructive nature of Black social and political thought through a survey of Black American leaders, with a focus on ideology, society and politics. Through readings and discussions, students will assess the complexities of various Black leaders and their ideological positions, often comparing and contrasting the attitudes, values and beliefs of Black thought leaders. Through the study of Black American leaders, students will gain an appreciation for the impact of Black history on the past and present of American public life. As we focus our attention on Black leaders of the 19th and 20th century, we will be mindful of the complex ways in which these leaders have agreed and disagreed on themes such as, but not limited to: achievement of Black liberation, direct action versus armed protests, the role of historical memory in modern political life, the economic and political significance of Black culture, and the tensions between Black segregation versus integration, as well as the defining of such core political concepts as citizenship, freedom, equality, progress, power, and justice.

AMS 338 Social Impact of Rock and Roll 3 Credits
Explores rock and roll music as a communication medium of American popular culture. The focus is on both how rock and roll music has influenced, and is influenced by, society. It addresses the origins, development and impact of rock music in relation to some of the critical cultural dynamics that provided not only its context, but also much of its content.

AMS 350 American Gothic 3 Credits
An introduction to American Gothic literature as a genre, including its historical development, governing conventions, politics, and aesthetics, as well as its emotional and cultural impact.

AMS 400 Seminar in American Studies I 3 Credits
A study of arts and letters in America from the Puritan period through the Civil War. Should be taken junior year if possible.
Prerequisite(s): AMS 200.

AMS 401 Seminar in American Studies II 3 Credits
A study of arts and letters in America from Reconstruction to the present. Should be taken junior year if possible.
Prerequisite(s): AMS 200.

AMS 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

AMS 491 Internship in American Studies 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of various manifestations of American society in workplace settings. Placements can be made in business, government, and non-profit organizations and local grassroots movements that draw on the knowledge acquired in the American studies curriculum.

Arts and Sciences - Arts (AR)

AR 111 Survey of Art History I 3 Credits
A survey of Western art - architecture, sculpture, painting - from prehistoric times, is presented against the background of chronological and intellectual history.

AR 112 Survey of Art History II 3 Credits
Crucial artistic tendencies in Western art of the 19th and 20th centuries are introduced and discussed against their historical and intellectual setting. A brief background of art history from previous centuries is presented in order to appreciate these developments.

AR 216 Acting I 3 Credits
This course provides an introduction to basic techniques of realistic acting using exercises, improvisation and scene study. The emphasis is on honesty and commitment to action in order to be able to create real life in an imaginary world.

AR 217 Improvisation & Movement 3 Credits
Using theater games, students explore themselves as individuals and members of a group. The course uses scenes, skits, dances and games to help students overcome their fears and insecurities, enabling them to develop their creativity, spontaneity, honesty, concentration, and commitment to action. The class also explores body movement as a means of heightening dramatic expression.

Arts and Sciences - Sciences (AS)

AS 490 Independent Research and Study 1-3 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

AS 491 Arts & Science Internship 1-12 Credits
This course requires 95 hours for each three credits for which the student enrolls. The student is required to spend 13 weeks of on-site participation in a broad range of daily operations at an internship site. In addition, there are group meetings with all students participating in internships and site-analysis assignments given under the direction of Arts and Sciences faculty. Students may enroll for a maximum of 12 credits of internships.
Prerequisite(s): at least junior level standing.

Arts and Entertainment Industries Management (AAD)

Courses and Descriptions

AAD 121 Arts Management Foundations 3 Credits
A survey course that investigates foundations of institutional vision & mission-building, strategic planning, governance, operations, marketing and fund development for institutions which create, produce and present arts & entertainment. Students conceptualize an arts and/or entertainment business and develop summary business plan and pitch. Though the nonprofit lens is prominent for purposes of understanding the role of fundraising, commonalities in governance, management, branding marketing, community engagement and other aspects relative to both nonprofit and for-profit arts sectors are explored.

AAD 202 Commun/Marketing in Arts 3 Credits
Intended for arts or business majors interested in arts management, this course immerses students in the fundamentals of promoting the arts, from grassroots public relations to basic marketing concepts and applications. Students will have opportunities to interact with professionals in the field and explore career options.
Prerequisite(s): AAD 121 and CMP 125, or permission of instructor.

AAD 203 Arts Fundraising 3 Credits
Provides students with an understanding of the ethics, strategies and practices of fundraising for non-profit arts agencies. Students gain an understanding of the role of the development office in a non-profit arts agency, prepare for careers in arts management by increasing the skills necessary to function, and learn to plan a multi-faceted fundraising campaign effectively.
Prerequisite(s): CMP 120 or CMP 125.

AAD 204 Arts Outreach & Education 3 Credits
This course examines essential educational components of arts institutions, how they evolve and are produced, and will assess the importance of educational programming to arts organizations and the communities they serve.
Prerequisite(s): AAD 121.

AAD 225 Arts Administration Practicum 1 Credits
Under faculty advisement and project site supervision, students complete a total of three, 1-credit (33-hour) "mini-internships" or practicum projects in service to the field, sequentially in the Sophomore Fall, Sophomore Spring, and Junior Fall semesters, simultaneous to Arts Administration Lab. The first practicum project is in connection with Box Office and Patron Service to Rider Performing Arts. The second is in connection with a project of the student's choosing in service to the arts on campus or beyond. The third is in connection with a project of the student's choosing in service to the field in an outside, professional setting.
Prerequisite(s): AAD 121.

AAD 295 Art & Business of Entertainment 3 Credits
Students explore traditional and emerging models in entertainment and the impacts which social media, online service and other emerging platforms continue to have on the evolution of the industry. Students will identify and define pivotal functions and functionaries across all sectors who apply innovation, effective leadership and essential skills to produce and distribute various forms of entertainment to the masses. Through the application of a "wheel of fortune" research & analysis approach to each commercial entertainment sector, students will come to understand the multiple aspects of each (film, television, media, commercial theatre and entertainment in sports), the people who drive them and the critical functions which they serve.
Prerequisite(s): AAD 121, AAD 202 and AAD 203.

AAD 306 Music Business 3 Credits
Survey of the music business. Responsibilities of the label and producer, copyrights, royalties, residuals, publishing, contracts and artist development, promotion, distribution, product management, domestic and international licensing, and related technology.
Prerequisite(s): AAD 121.

AAD 307 Touring and Production Management 3 Credits
Organizing, marketing and managing tours. Responsibilities of the booking agent, tour manager, and performers. Case studies, relationships, contracts with venues, transportation companies, housing, and unions, budgeting, press kits, and insurance.
Prerequisite(s): AAD 121 or permission of instructor.

AAD 308 Legal Aspects of Arts & Entertainment 3 Credits
A survey of legal issues in the arts and entertainment industries, examining the relationship between arts and the law – from cultural property rights to intellectual property, copyright and beyond.
Prerequisite(s): AAD 121.

AAD 309 Arts Events & Festivals Mgt 3 Credits
Students learn to develop, produce, and staff successful arts events while refining planning skills through practice with theoretical and real arts event venues and participating in the production and management of actual events.
Prerequisite(s): AAD 121.

AAD 310 Acquiring & Managing Talent in Arts & Entertainment Industries 3 Credits
This course teaches foundations of professional talent management and explores the many ways by which the role of today's artist manager has evolved and expanded, particularly in an era of "independent" artists seeking managers who can act as CEO's. The course explores the many facets which an artist manager oversees, from launching an artist's career to building a successful and enduring business and fan base. Topics of exploration include talent acquisition, the artist/manager partnership, contracts, strategic planning, branding and more relating to managing all key aspects of an artist's career. Students will gain deep understanding of the dynamic roles which managers and agents play in the entertainment business as the "backbone of our industry" and of the pathways to career success as artist managers & representatives. Aspiring artists will find guidance in self-management and choosing the right partners. Other aspiring entertainment professionals will learn how to effectively engage with artist managers & agents as essential components in the broader ecology of professional arts & entertainment.

AAD 312 Deal-Making in Arts & Entertainment 3 Credits
This course explores all practical aspects of deal-making in commercial entertainment and the art of negotiation as the catalyst for success. Through forensic analysis & discussion of multiple types and structures of short and long-form agreements and the wide variety of provisions to be found therein, students will gain knowledge of key legal, historical, discipline-specific and industry-wide contexts of deal-making. Readings and lectures will focus on the nuts and bolts of negotiation – from essential research processes to finding and exercising bargaining power to knowing when to compromise and when to withdraw. Skills gained will be exercised through role-play, writing and ongoing analysis of peer and professional contracts. Students will gain and exercise deep understanding of agreements across multiple disciplines and the common elements therein including agency, personal management, personal appearance, merchandising, endorsements, creative ownership and union influence will be explored, as well as the unique characteristics which apply to distinct disciplines. For Arts & Entertainment Industries Management majors or minors only except by permission of Dean.

AAD 314 Arts/Entertainment Licensing, Distribution & Commerce 3 Credits
Licensing, distribution and commerce associated with creative output powers nearly every aspect of the arts and entertainment industries as significant brand builders and revenue-generators for intellectual property owners and producers. This course delivers foundational knowledge of the many ways by which music, theater, dance film and other media are licensed for commercial use or otherwise distributed directly to vendors and consumers. Discussion encompasses the various types and purposes of license, key points of negotiation, parties, agreements and business constructs involved in licensing and distribution deals across multiple entertainment sectors, including key elements relating to effective commerce and merchandising of same. Through readings, lectures and case-based analysis students will study the means of directly and indirectly getting works and ancillary content out into the marketplace, as well as the risks and rewards that may result. Through comparative analysis of traditional and contemporary professional agreements, students will come to understand how licensing and distribution contracts, modalities, administration and payments have evolved, and what the future holds for this vital engine of the arts & entertainment industries.

AAD 315 Arts & Entertainment Industries Professional Development 3 Credits
Arts & Entertainment Industries (AEIM) Professional Development is designed to prepare AEIM majors for successful internship and career placement, growth and development. Through this course, AEIM majors will engage in best possible selves vision mission goals and objectives-setting, transferrable skills identification and articulation, resume development, informational and formal interview skills practice and application as well as refine and package their individual portfolios comprised of final projects/portfolios from several prior courses. These and other assets, including personal web-page and social media profile work and editorial bio, will be developed in the creation of a comprehensive professional "toolkit" of assets to aid in their pre-professional and professional career pursuits. Over the course of a semester, students will work on professional communication skills including public speaking, writing, and corresponding etiquette, and interviewing techniques for both in-person and virtual meetings. Students will explore their own strengths and weaknesses through industry-leading personality and professional skills and traits analyses and how to apply them to maximal effect. Industry guests from all arts disciplines will afford "real-world" perspectives and build networking capacity. Restricted to AEIM Majors, Junior standing or above.

AAD 316 Data Analytics in Commercial Entertainment 3 Credits
Data analytics is a driving force of today's entertainment industry as companies face new business models for creating, marketing and distributing creative output to consumers who access content anywhere, at any time and on any device. It is transforming businesses, social interactions and how entertainment is marketed and consumed. With the explosion of social media, entertainment streaming platforms and online distribution, the amount of data available has reached unprecedented levels. Hiring skilled people who know how to collect and interpret big data is crucial. This course explores the many ways by which data is used to develop detailed understanding of consumer preferences and behaviors, inform production, advertising and distribution strategies, forecast performance and help increase efficiency. Students will learn how to retrieve, analyze and apply data for successful outcomes in today's entertainment industry, helping companies seize upon ever-expanding opportunities to utilize data to identify and understand new audiences, increase content exposure and identify new products and services.
Prerequisite(s): Arts & Entertainment Industries Management majors or minors only except by permission of Dean. AAD 121, AAD 202.

AAD 318 Music Publishing 3 Credits
This course teaches foundational concepts, context, tools, and function of music publishing as an essential force in today's ever-evolving music industry. Students examine the many roles which the music publisher plays in the acquisition, market development and administration of copyrighted musical works. Through case-based analysis of the inner workings of major, independent and self-owned music publishing companies, students will gain understanding of the depth, breadth and scope of this fascinating aspect of the business. Discussion will encompass the fundamentals of copyright, types of publishing deals, income streams, registrations and collection, foreign sub-publishing deals, and the rights and royalties applicable to copyrighted musical work. Students will also learn how music is licensed for use in film, television, advertising, theatrical performance, game and other forms of interactive media, as well as an overview of the administrative aspects of these uses and the ways by which legislative action impacts opportunities and earnings of copyright holders. Lastly, students will explore the creative and administrative responsibilities involved in establishing their own music publishing company.

AAD 322 Policy Perspectives on Arts & Entertainment 3 Credits
This course delivers foundational knowledge of the historical evolution, current state, and anticipated future of legislative actions, general policies and protocols impacting the many diverse components of arts and entertainment. Students will gain understanding of the several stakeholders, advocates and allies involved in the process of shaping policy and effectuating legislation, from lobbyists and industry leaders to politicians and the constituents whom they represent. Discussion will also encompass the expanding role and reach of the internet and streaming services which have often driven, and too often outpaced legislative agendas, putting the rights and benefits of intellectual property owners at risk through inequitable compensation practices, usurping of rights and expanding of global piracy. Case-based analysis will afford insight into current and anticipated lobbying agendas, legislative action (or inaction) on Capitol Hill, resolutions in process and recent legislation in action. Students will create an advocacy campaign around a pertinent issue facing arts & entertainment today, and strategize an effective lobbying process in order to gain direct insight and inspiration to become lifelong agents for change.
Prerequisite(s): Arts & Entertainment Industries Management majors or minors only except by permission of Dean. AAD 121, AAD 308.

AAD 350 Arts Venue and Patron Services Management 3 Credits
Integrating workplace with organizational mission: administration, staff, general public, artists. Internal control, artist/employee contracts, collective bargaining, health and safety issues, facilities operation, inventory, cultivation and maintenance of clientele and audience.
Prerequisite(s): AAD 121.

AAD 351 Crossing Cultural Borders 3 Credits
Course includes two weeks at an international arts organization, meeting and shadowing administrative staff, studying management styles, finance, and operational procedures, and attending all possible events during the visit. Travel fee required. May be repeated.
Prerequisite(s): Junior standing.

AAD 375 Special Topics: Arts Admin 3 Credits
Intensive study or activity in a specific area of Arts Administration. The content will vary with social/cultural events and/or interests and qualifications of the professor. May be repeated for credit. Fee may be required.
Prerequisite(s): AAD 121 or CBA 110 or permission of instructor.

AAD 401 New York Arts Network 3 Credits
Students learns how arts institutions of varying scope, size and function and how administrators keep them running by spending focused, intensive time with them on their own turf.
Prerequisite(s): AAD 121, AAD 202 and AAD 203.

AAD 490 Independent Research and Study 1-4 Credits
This self-motivated, self-directed course culminates in a complete project. The student and the faculty advisor will mutually develop the scope of each project. It will be designed to demonstrate the student's entrepreneurial skills and provide an opportunity for practical application of the curriculum.
Prerequisite(s): AAD 202, AAD 203, and either AAD 121 or CBA 110.

AAD 491 Arts Management Internship 3-12 Credits
Arts Administration majors are required to spend 13 weeks of on-site participation in a broad range of daily operations at an internship site. In addition, there are group meetings with all students participating in internships and site-analysis assignments given under the direction of Arts and Sciences faculty. Students may enroll for a maximum of 6 credits of internships.
Prerequisite(s): Junior standing.

Baccalaureate Honors (BHP)

Courses and Descriptions

BHP 100 Honors Seminar: Great Ideas I 3 Credits
Traces the impact of great ideas on society, politics, economics, science, and the arts. This writing-intensive course substitutes for CMP 120 Expository Writing. Freshmen only.

BHP 150 Honors Seminar: Great Ideas II 3 Credits
A continuation of Great Ideas I, the introductory Freshman Baccalaureate Honors Seminar. Great ideas are studied in their cultural and historical contexts and from an interdisciplinary perspective. Students are guided in writing an effective research paper. This writing-intensive course substitutes for CMP 125 Research Writing. Freshmen only.
Prerequisites: BHP 100 with a minimum grade of C or CMP 120 with a minimum grade of C or BHP100 with a score of WV.

BHP 201 Age of Shakespeare: A Study in Cultural History 3 Credits
Studies the cultural history of Elizabethan and Jacobean England and of its visual and literary arts. More specifically, the course will investigate the peculiarly English synthesis of the old and new, Medieval and Renaissance, Continental and English in the arts and ideas of the Age of Shakespeare.

BHP 203 Nineteen Eighty-Four in Context: George Orwell's Enduring Legacy 3 Credits
"Big Brother is watching you." "Some animals are more equal than others." Contemporary discussions of politics, journalism, and social issues regularly reflect the influence of George Orwell's classic novels, Animal Farm and Nineteen Eighty-Four. The term "Orwellian" routinely appears in modern speech and writings. Published in the aftermath of World War II, Orwell's dystopian projections, along with other provocative writing by this courageous thinker and writer, reflect the turbulent world experienced by Orwell from the waning of British colonialism to the rise of the Cold War. To contextualize the composition and importance of his most influential works, this course will explore a wide range of Orwell's writings; the historical and cultural contexts that shaped him; and the use of his work and ideas by his contemporaries and by subsequent artists, critics, and social analysts.
Prerequisite(s): BHP 100 or CMP 120.

BHP 205 Under the Influence: Drugs, Deviance, and Culture 3 Credits
This course explores the powerful influence the varied substances we call drugs have had on our institutions and on our culture. Drawing from the social sciences and the study of literature and media, we ask how drug policies and practices within institutions and social systems intersect with representations of drugs and drug use in literature and other forms of art and media.

BHP 206 Honors Seminar:Politics/Literacy 3 Credits
Students will analyze literary texts in the context of selected political periods and ideologies, going beyond literary content to understand how language, genre, and structure mirror, otherwise represent, or criticize the political order within which the author writes.

BHP 208 The Fantastic in Literature, Art, and Media 3 Credits
This interdisciplinary course explores the varieties of the fantastic in literature, film, painting, and music, featuring alternate realities, monsters, shapeshifters, fairies, vampires, witches, doppelgangers, and mysterious animals. Authors include Poe, Le Fanu, Hoffman, Daphne du Maurier, Stevenson, Ambrose Bierce, T. H. White, Shirley Jackson, Donald Barthelme, Aimee Bender, and Margaret Atwood. Filmmakers include Carl Theodor Dryer, Jean Cocteau, Alfred Hitchcock, David Lynch, Jacques Tourneur, and Luis Buñuel. Opera, piano, and orchestral selections are by Weber, Mussorgsky, Berlioz, Crumb, Debussy, and Arnold Schönberg. We will examine aesthetic and cultural aspects, but also dive into psychological issues involving projection, wish-fulfillment, identity, and gender, supplemented by Freud's "The Uncanny.".

BHP 212 Children and the Media 3 Credits
This course examines how children and adolescents use and understand media and analyzes the role of media in their social and cognitive development. After studying the socializing presence of the media, students will analyze how exposure to television programs, movies, magazines and the Internet shapes children's socio-emotional development and their understanding of cultural norms. This course will also explore the effects that media use has on children's health, aggressiveness, and academic performance.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BHP 213 Honors Seminar: Text and Context 3 Credits
Studies the major themes of a period of cultural change as they are expressed in important social, scientific, literary, and artistic works. Students will immerse themselves in a single major literary work and will interpret it in light of a number of coordinate texts and works from the social sciences, from contemporary comment, and from the arts.

BHP 217 Music and Literature 3 Credits
Developing music literacy can help us become better readers, and, on the other hand, literary methodologies can help us become better listeners. In this class we will study music and literary terminology in order to recognize and analyze patterns and forms in both sonic and linguistic artworks. We will investigate these works in their social and political context in order to gain an understanding of the art informed by interdisciplinary practice.

BHP 222 Honors Seminar: Existentialism in Literature 3 Credits
Introduces students to Existentialism as a 20th-century movement with roots going back to the 19th century and as a philosophy that has special relevance and importance for understanding today's world. Reading and discussion are based on topics of special concern to Existentialist philosophers: lying and the nature of reality, faith and reason, revaluation of values, and the meaninglessness of life. Readings will comprise a variety of fiction and non-fiction genres. Authors may include Dostoevsky, Unamuno, Camus, Sartre, Kierkegaard, Nietzsche, Brecht, Kafka, Pirandello, Weil, and Beckett.

BHP 227 Race, Gender, and Sexuality in the Age of Empire 3 Credits
This course examines the history and literature of British and American imperialism from 1890 to the present, focusing on the intersections of race, gender, class, and sexuality. The course will cover themes of national identity, representations of colonized peoples, and imperialism as a cultural project. The history of imperialism as understood through literary and cultural analyses will focus on the functioning of gender, sexuality, and race in the ideologies and strategies of imperialism and anti-imperialism and in the psychological impact of colonial rule. Overall, we will consider how such analyses can inform a (re)defining of the colonial project.

BHP 240 Chemistry and Conflict 3 Credits
Chemistry and other sciences have radically changed the conduct of war and mechanisms of human conflict. Using case studies from the Chemical Revolution to present day, this course examines how knowledge of matter altered warfare – in terms of its scale, its boundaries, and its meaning. To this end, we study Antoine Lavoisier's work with gunpowder in the 18 th century alongside a more famous case of wartime chemistry: Fritz Haber's development of chemical weapons during World War I. We also study the Manhattan Project, which produced the world's first atomic bomb in the final days of World War II. Secondly, this course investigates the many legacies of these new weapons. We follow the development of the military-industrial complex, the use of war chemicals as pesticides, and the deployment of Agent Orange in Vietnam. Finally, we examine more recent uses of chemical weapons, including in Japan, Iraq, and Syria. Throughout the course, students will bring knowledge of chemistry to bear on these historical episodes. They will demonstrate how knowledge of key chemical principles – such as atomic structure, bonding, and reactivity – help to contextualize the development of modern war.

BHP 251 Idea to Innovation 3 Credits
The pharmaceutical industry comprises an incredibly diverse team of thinkers, including accountants and biochemists, who are all on a quest to improve human health. The development of medical treatments relies on pivotal insights from the scientific laboratory, but turning these ideas into practical medical innovations requires the solving of many problems outside of the scientific field. Through the examination of historical and contemporary case studies, this course will investigate the nature of science as it is practiced in the real world. How are problems identified and ideas generated and refined? What political and sociological challenges does the industry encounter? Who pays for all of this? By exploring growth in the pharmaceutical industry from the inside, students in this class will gain a deeper understanding of both science and business and how these disciplines interact in order to enhance and extend human life.

BHP 252 Creativity and Design Thinking 3 Credits
Creative, interdisciplinary, and collaborative work is being recognized as increasingly important for innovation and solving global problems of the 21st century. This course will introduce students to a much-needed framework for dealing with unstructured problems for creative problem solving, and a process for innovation. The course consists of two related parts: the psychology of creativity provides a foundational basis of knowledge and discussion, and the design thinking framework serves as an example of a powerful creative thinking strategy that an increasing number of individuals and organizations have used successfully over the past decade.
Prerequisite(s): BHP 100 or CMP 120; non-BHP students POI only.

BHP 253 A Cross-Cultural Comparison of Play 3 Credits
This course examines how children from two different countries – the United States and Japan – play, and analyzes the influences of factors such as parents, environment, school, and culture. If travel is permitted, students will directly observe children at play in several different locations in each country – including (but not limited to) playgrounds, schools, play therapist's offices, museums, indoor play places, zoos, and theme parks. Interviews with parents, teachers, therapists, and potentially children themselves will help to clarify how play is viewed and practiced in each culture. Readings on the evolution of play, the benefits of play, the practical applications of play (e.g., in education and in therapy), and cultural differences in play will be used to support and help to inform the data students will collect through the interviews and observations.
Prerequisite(s): BHP 100 or CMP 120.

BHP 259 Honors Seminar: The Environment: a Conflict of Interest 3 Credits
Examines critical environmental issues such as global warming; food, water and energy resources; population trends; and global industrialization. Topics for context will include the origin of the elements, the origin of solar systems, and the origin of life as well as the basic principles of the current biotechnical revolution. Scientific understanding will be combined with knowledge about strategies for raising community awareness in order to (re)formulate public policy. In teams, students will be asked to define the problems; research available and prospective solutions; identify the technical, social, political, and economic constraints; and finally propose a workable strategy for making progress toward solutions.

BHP 261 The Online Explosion: Radical Changes in Business and Communication 3 Credits
Compared to a world just one generation ago when business people composed memos on typewriters and communicated with fax machines, the online explosion has brought forward a flood of new communication tools and social media platforms. It has created new types of businesses that would have been unimaginable just a short time ago and has revolutionized the way people communicate, socialize, and shop.
The explosion of the web has also led to work environments in which employees are always "connected," and has raised concerns about personal privacy. We will guide students through a critical evaluation of these radical changes, with an eye on their benefits as well as potential negative consequences.

BHP 270 Interdisciplinary Studies 3 Credits
Exploration of interdisciplinary topics and themes in honors courses team-taught by instructors representing different disciplinary specialities.

BHP 271 Special Topics in Interdisciplinary Studies 3 Credits
Exploration of interdisciplinary topics and themes in honors courses team-taught by instructors representing different disciplinary specialities.

BHP 281 The Rhetoric of Science 3 Credits
This course will examine the rhetoric of science in an effort to see how science has used language and various text types to answer questions, resolve disputes, and legitimize the knowledge contained within its disciplinary borders, and conversely how language and communication have guided scientific discovery throughout history. Reading texts from ancient and contemporary scientists, philosophers, historians, and literary authors, we will identify the key linguistic and rhetorical traits employed within the discourse communities of modern science, and consider consequences of—and the scientific developments enabled by—such language and textual practices. These concepts will be emphasized and elucidated vis-à-vis some of the most significant scientific and medical discoveries impacting the modern world.

BHP 290 Shakespeare: Page, Stage & Screen 3 Credits
This course aims to explore, in depth, the translation of Shakespeare's texts into performance by combining theatre history, cinematic adaptation, and textual analysis with a strong emphasis on practical, creative, and collaborative work. We will study 5 plays over the course of the semester and consider each as a performance piece as well as a literary artifact. Each play will be examined from multiple perspectives that are theatrical/performative/cinematic (staging, costume, sets, dramaturgy, camera, editing) as well as literary (historicist, psychoanalytic, gender and sexuality focused, Marxist, eco-critical, post-colonial), thereby bridging the artificial divide between Shakespeare as literature and Shakespeare as performance.

BHP 301 The Law and Racial Progress 3 Credits
This course is designed to enhance knowledge of the ways in which racial progress intersects with the law. Different areas of the law are emphasized, as well as the criminal justice system, with an emphasis on understanding the role and behavior of different stakeholders and participants in these areas. Ethical issues are discussed throughout the semester in order to sensitize students to the ethical considerations integral to bringing legal disputes to closure. The course will focus on three primary fields to illustrate the complicated relationship between the law and racial progress: 1) The Workplace, 2) The Police, and 3) Higher Education.
Prerequisite(s): BHP 100 or BHP 150 or CMP 120.

BHP 302 Mirrors of the Mind: The Interplay of Literature and Psychology 3 Credits
In exploring the longstanding and evolving partnership between literature and psychology, this course addresses the following questions: How does understanding of psychological theory enhance our reading of literature? How does reading of literature affect our judgements and our responses to real-world situations? How can literary texts aid psychologists in refining theories explaining human behavior? Readings include classics, as well selections by recent writers and theorists representing both disciplines. Among the themes typically discussed are struggles in achieving stage-salient goals in life (separation from parents during adolescence and beginning the assumption of adult roles, etc.); complexities in social interactions (familial, romantic, etc.); the development of empathy; perceptions of self and other; loss and grief, morality; and the influence of culture on personality and behavior.
Prerequisite(s): Completion of BHP 100 or CMP 120 and minimum GPA 3.3; or POI.

BHP 305 Inclusive Education and Representations of Disability 3 Credits
This course explores how literature, film, television, and other media (i.e., podcasts, blogs, etc.) portray disability in ways that contribute to – or challenge– clinical concepts. This course particularly attends to the representation of the education of students with disabilities, and to how literary and cultural texts aim to educate their readers and viewers about disability.

BHP 307 Presence of Mind — Artificial Intelligence and Human Creativity 3 Credits
What is Artificial Intelligence (AI)? In what ways can computers "think"? How is their "thinking" similar to and different from that of humans? Through readings, lectures, discussions, and creative projects, students will investigate evidence of intelligence and creativity in various disciplines including music composition, art, and human and non-human systems. We will examine historical precedents and ponder likely developments in this area in the twenty-first century. No prior experience with computers or music is required.

BHP 315 Honors Seminar: 20th Century European Ideologies 3 Credits
Covers the origins and development of 20th-century European ideologies in a comparative perspective. Topics include the condition of European political culture at the turn of both centuries (i.e., 1900 and 2000), methods of spreading Nationalism and national culture, the First World War and the emergence of Fascism and Communism, the origins and consequences of the Cold War, the development and fate of the Socialist and Capitalist systems, and the ideology of Conservatism/Liberalism. We will also reflect upon the condition of European political culture in our day.

BHP 333 Music and Social Justice 3 Credits
From Folk to Rock & Roll, music plays a vital role in shaping social justice on a global scale. The Music & Social Justice course is designed for students interested in learning how music can engage and advocate for those on the margins of society. Music can provoke and impact social justice movements, which address moral and social problems and allow society to be more equitable, responsive, and inclusive. In other ways, music can also be a response to the current climate, allowing those impacted by social justice movements to express how they think and feel. This course will examine different periods in history, on both a US and global scale, and the impact of music on social movements, specifically including its influence on African Americans in the US, feminism, and global social issues.

BHP 340 Nature and Nurture 3 Credits
Nature and Nurture explores questions of innate and environmental influences on who we are. The history of the false Nature v Nurture debate as well as our current understanding of how innate and environmental factors influence human characteristics are explored via discussion of current scholarly articles from the social and life sciences.

BHP 351 Genocide, Human Rights & Literature 3 Credits
This course is designed to introduce students to one of the most troublesome and unnerving aspects of the modern world: the systematic cleansing and killing of populations defined by ethnicity, nationality, or race. Genocide is a contested term, and we will explore its various meanings. The course will concentrate on genocides and crimes against humanity in the 20th century. We will discuss the meaning of key terms like human rights, humanitarianism, and genocide, and investigate particular cases of mass atrocities, starting with the Holocaust and a number of historic cases of genocide, e.g., the Khmer Rouge in Cambodia, and focus on contemporary atrocities in Rwanda, ex-Yugoslavia, and Darfur. We will also explore the historical process of establishing human rights standards, and examine critically some of the recent efforts at redress, justice, and memory through criminal tribunals, truth and reconciliation commissions, and restitution. A central question runs through the course: how are these two polar opposites, human rights and genocide, related? Do modern forms of thinking about politics and the diversity of human society enable and encourage both phenomena? We will also examine literary and cinematic representations of genocides and mass atrocities. Readings include a variety of literary and cinematic works: novels, poems, graphic novels, memoirs, and film. How have literary and cinematic writers responded to and represented these "unspeakable" events?.

BHP 360 Moral Psychology 3 Credits
This course will cover moral philosophy and moral psychology and where they intersect. What are moral development and moral injury? What does our taste in aesthetics say about our morality? Topics covered will include character, responsibility, naturalism and psychological science, ethics, and aesthetics are covered.

BHP 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours.

BHP 499 Baccalaureate Honors Thesis 3 Credits
Students completing the Baccalaureate Honors Program undertake a capstone project, which may be research-based and/or creative. Minimum 3 credits in total, which may be completed in fall or spring of senior year or distributed across both semesters. For details, see BHP Web site: http://www.rider.edu/15478_6437.htm.

Behavioral Neuroscience (BNS)

Courses and Descriptions

BNS 107 Life Science: Brain and Behavior 3 Credits
An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BNS 250 Biostatistics 4 Credits
This course will assist students with acquiring the skills necessary to design, conduct, and interpret research studies. Emphasis will be on learning how to develop experimental designs to translate theoretical concepts into testable hypotheses. Experiments conducted during laboratory sessions will use laboratory mice and will use equipment for measuring animal behavior. Students will gain experience collecting, analyzing, writing and orally presenting their research results. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 105 or higher or placement into MTH 210, grade of "C" or better in one lab science course.
Corequisite(s): BNS 250L.

BNS 250L Biostatistics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequiste(s): BNS 250.

BNS 275 Behavioral Neuroscience 4 Credits
An introductory behavioral neuroscience course including basic neuroanatomy and neurophysiology of movement, ingestive, reproductive, emotional, and learning behaviors. Emphasis is on the structure/function relationships that allow animals to make appropriate physiological and behavioral responses to the environment. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 & BIO 116.
Corequisite(s): BNS 275L.

BNS 275L Behavioral Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 275.

BNS 310 Neurobiology 4 Credits
A lecture-laboratory course investigating the structure and function of the nervous system. Lecture topics include organization of the nervous system, neuroanatomy, neurophysiology, neurochemistry, physiology of sensory systems, biological aspects of nervous system diseases, and behavior. Laboratory exercises include study of anatomy of the nervous system, nerve cell recording, modern neuroanatomical techniques, and the neural basis of animal behavior. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course. Corequiste(s): BNS 310L.

BNS 310L Neurobiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course. Corequiste(s): BNS 310.

BNS 360 Neurochemistry 4 Credits
Examines the fundamentals of neurochemistry, including the neuroanatomical distribution, pharmacology, and functions of neurotransmitters; signal transduction pathways; behavioral and physiological effects of chemicals either used therapeutically to treat biopsychological disorders or that may be abused for their psychotropic effects; and mechanisms and models for the study of drug action. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116, CHE 122, CHE 123 with a grade of C or better in each course.
Corequisite(s): BNS 360L.

BNS 360L Neurochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequiste(s): BNS 360.

BNS 375 Neuroethology: Circuits of Behavior 4 Credits
Neuroethology is the study of the neural and physiological basis of animal behavior. This course focuses on the specific behavioral problems faced by animals in their natural habitats, and the ways in which their nervous systems solve these problems. The mechanisms that underlie complex behaviors such as spatial orientation and navigation, escape mechanisms, and animal communication will be examined, as well as the extraordinary sensory adaptation of organisms to their environments (e.g., echolocation, electroreception, and magnetic reception). The neural control of motor programs and temporally-patterned behaviors will be studied in simpler neuronal systems. Finally, recent cellular and molecular approaches to the study of behavior will be addressed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course.
Corequisite(s): BNS 375L.

BNS 375L Neuroethology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BNS 375.

BNS 415 Seminar in Behavioral Neuroscience 3 Credits
Critical analysis of the scientific literature pertaining to current topics in behavioral neuroscience. Topics include mechanisms through which the brain influences physiology and behavior and the integration of nervous and endocrine systems. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 or BNS 118, BIO 117, junior standing and permission of instructor.

BNS 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BNS 491 Internship in Behavioral Neuroscience 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Biochemistry (BCH)

Courses and Descriptions

BCH 225 Introduction to Organic and Biochemistry 4 Credits
An introductory course describing the basic principles of organic chemistry and biochemistry as they relate to human metabolism and disease. The nature of the chemical structure and reactivity of organic functional groups such as alcohols, aldehydes, ketones, carboxylic acids and amines will be presented with biological processes in mind. The biochemistry of the macromolecules DNA, RNA, proteins, carbohydrates and lipids will be discussed leading to a discussion of some of the more important metabolic pathways. This course is intended for science majors who do not take the full two semester sequence of organic chemistry and two semesters of biochemistry and desire a background in biochemistry. Non-science major students who have had one semester of general chemistry and one semester of biology may also enroll in the course. Three hours of lecture and one three-hour lab per week. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115 with a minimum grade of D
Corequisite(s): BCH 225L.

BCH 225L Introduction to Organic & Biochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115.
Corequisite(s): BCH 225.

BCH 325 Biochemistry 3 Credits
Outlines the chemistry and biological function of carbohydrates, proteins, lipids, nucleic acids, vitamins, and enzymes, and introduces enzyme kinetics and biological energetics. Degradative metabolic pathways of carbohydrates and lipids, and their controlled interrelationships are discussed in detail.
Prerequisite(s): CHE 122, CHE 214 with a minimum grade of D.

BCH 326 Biochem and Enzymology I Lab 1 Credits
The laboratory work illustrates techniques and methods essential to the biochemist. Methods for quantification of proteins, purification of enzymes and determination of their kinetic parameters, polarimetry, and structure proof of carbohydrates. The lab must be taken concurrently with BCH 325 by biochemistry and biology majors, but is optional for others.
Prerequisite(s): CHE 123, CHE 214.

BCH 330 Biochemistry II 3 Credits
Continuation of Biochemistry I. Includes molecular analysis of biological membrane structure and function and a molecular level analysis of information flow from DNA through RNA to proteins. Other topics include mechanisms of hormone action and an expansion on metabolic concepts.
Prerequisite(s): BCH 325.

BCH 331 Biochemistry II Lab 1 Credits
Methods of protein analysis, building on techniques and principles learned in BCH 326. Students will use bioinformatics and molecular biological techniques, including PCR, to harness and change protein sequence. They will implement modern protein purification techniques, develop enzyme essays, and perform equilibrium binding assays to investigate the relationships among protein sequence, structure, and function.
Prerequisite(s): BCH 326, BIO 117.

BCH 400 Advanced Biochemistry. 3 Credits
Continuation of Biochemistry I. Includes molecular analysis of biological membrane structure and function and a molecular level analysis of information flow from DNA through RNA to proteins. Other topics include mechanisms of hormone action and an expansion on metabolic concepts.
Prerequisite(s): BCH 325.

BCH 410 Metabolism and Bioenergetics 3 Credits
An examination of principles of energetics and chemical transformations as they pertain to metabolism. Students will explore general issues of bioenergetics and will delve into biochemical pathways of catabolism and anabolism of biological molecules, including key nutrients, and xenobiotic compounds, including drugs and toxins. Attention will be placed on the enzymes and cofactors that mediate critical metabolic transformations, and students will use the scientific literature to investigate mechanisms of regulation and integration of metabolic pathways as well as consequences of aberrant enzyme function to human disease.
Prerequisite(s): BCH 325.

BCH 415 Signal Transduction 3 Credits
Cells in multicellular organisms are in constant communication with each other. One way that cells communicate is through the sharing of chemical signals through a process called "signal transduction." In this course, we will study the basic biochemical principles of signal transduction to better understand life on a molecular level. Topics to be covered include a broad overview of signal transduction mechanisms, including basic receptor theory and the use of second messengers; investigations into specific signaling strategies, including signaling via receptor ion channels, G protein-coupled receptors, and nuclear hormone receptors; and examinations of cellular mechanisms used to coordinate signaling spatially and temporally. Special focus will be placed on roles of signal transduction pathways in health and disease.
Prerequisite(s): BCH 325.

BCH 425 Medicinal Chemistry 3 Credits
A comprehensive description of the important principles of medicinal chemistry including principles of rational drug design with synthetic strategies, mechanisms of drug actions, structure-activity relationships, the absorption, distribution, metabolism and elimination of drugs. Specific classes of drugs to be discussed include: anticancer agents, analgesics, anti-inflammatory drugs, steroids, drugs acting on the nervous system and antibiotics.
Prerequisite(s): BCH 325 or permission of instructor.

BCH 430 Advanced Lab Techniques in Biochemistry. 1 Credits
Methods of protein analysis, building on techniques and principles learned in BCH 326. Students will use bioinformatics and molecular biological techniques, including PCR, to harness and change protein sequence. They will implement modern protein purification techniques, develop enzyme essays, and perform equilibrium binding assays to investigate the relationships among protein sequence, structure, and function.
Prerequisite(s): BCH 326.

BCH 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurement, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BCH 491 Internship in Biochemistry 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the students' overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Biology (BIO)

Courses and Descriptions

BIO 100 Life Science 3 Credits
An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

BIO 102 The Biology of Cannabis 1.5 Credits
In this course, you will learn about many aspects of the biology of cannabis, including botany, genetics, growth techniques, strain selection, and health benefits. Emphasis is placed on current methods in the marijuana industry to help legal growers and professionals understand best practices for cultivation, management, and medicinal use. Current literature and sources will be discussed.

BIO 110 Life Science: Inquiry Approach 4 Credits
An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits
An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three- hour lab per week.
Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 115.

BIO 116 Principles of Biology II 4 Credits
An introductory biology course focusing on major themes of biology: Energy and matter to carry out life's essential functions; Interdependent relationships characterize biological systems (homeostasis, growth & development); Behavior of living things; Ecology and the environment. Three hours of lecture and one three-hour lab per week.
Corequisite(s): BIO 116L.

BIO 116L Principles of Biology II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 116.

BIO 206 The Pharmaceutical Industry 3 Credits
An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.
Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 210 Hospital Intern Program 2 Credits
An internship that provides students with the experience in the practical aspects of medicine. Major departments in the hospital such as the emergency room, operating room, clinic, radiology, and the laboratory will be open for student rotations. Field trips to various medical schools in the area will provide information on professional school educational opportunities available in the health professions.
Prerequisite(s): sophomore standing or above and permission of instructor.

BIO 215 Medical Microbiology 4 Credits
Biology of prokaryotes of medical interest with emphasis placed on diversity and host-pathogen interaction. Current research literature will be covered and presented by students. Methods of microbial identification are introduced in the laboratory and applied in the identification of mock clinical isolates. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course,
Corequisite(s): BIO 215L.

BIO 215L Microbiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 215.

BIO 221 Human Anatomy & Physiology I 4 Credits
A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): HSC major ONLY or Permission of instructor.
Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 221.

BIO 222 Human Anatomy & Physiology II 4 Credits
A comprehensive survey of the organ systems of the body including special senses, cardiovascular, respiratory, digestive, excretory, reproduction and development. Physiological components include electrolytes, metabolism, nutrition, and the mechanisms of homeostasis and cell reception. Lab studies support lecture material through dissections, wet labs, computer-assisted learning, microscopy, and models. Assessment includes lab practicums, exams, and reports. Course emphasis supports allied health and pre-professional training. Designed for allied health students; does not satisfy requirements for the biology major. Prerequisite(s): BIO 221.
Corequisite(s): BIO 222L.

BIO 222L Human Anatomy & Phys II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 221L.
Corequisite(s): BIO 222.

BIO 260 Principles of Biology: Evolution, Diversity, and Biology of Cells 4 Credits
Lectures and labs focus on basic cell biology. Cell diversity and function, genetics and biotechnology are emphasized. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115/115L and BIO 116/116L or BIO 115, BIO 117, (BNS 118 or BNS 275).
Corequisite(s): BIO 260L.

BIO 260L Principle of Biology: Cells Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 260.

BIO 265 Genetics 4 Credits
A comprehensive course focusing on molecular, Mendelian, and population genetics. Topics covered will include molecular advances in the study of genetics, including genomics and bioinformatics; evolution and the effects of genetic mutations; the application of population genetics to forensic science; genetic problem solving, including genetic crosses and statistical analysis; and regulation of gene expression. The laboratory for this course will introduce students to commonly used genetic model organisms and basic molecular biology techniques. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265L.

BIO 265L Genetics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 265.

BIO 272 Intro to Marine Biology 4 Credits
Introduces students to the study of marine environments, emphasizing the diversity, ecology, and physiology of marine animals, algae, and plants. Aspects of the human impact on marine environments are also discussed. Prerequisite(s): BIO 115 or BIO 116 or BNS 118 and grade of "C" or better.
Corequisite(s): BIO 272L.

BIO 272L Marine Biology Laboratory 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 272.

BIO 290 Special Topics in Biology 3 Credits

BIO 300 Developmental Biology 4 Credits
Lectures and laboratories explore molecular, cellular, and genetic mechanisms of animal development. Aspects of gametogenesis, fertilization, induction, cytoplasmic determinants, morphogenetic movements, differentiation and developmental evolution are discussed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 300L.

BIO 300L Developmental Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 117 with a minimum grade of C or BIO 260 with a minimum grade of C)
Corequisite(s): BIO 300.

BIO 305 Animal Physiology 4 Credits
Study of the principles and mechanisms of animal physiology. Topics include the nervous system, muscle physiology, cardiovascular physiology, respiration, gastrointestinal activity, renal function, and endocrine physiology. Lectures and laboratory exercises emphasize homeostatic mechanisms and organ-system interactions. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): BIO 115 and BIO 116 with a grade of C or better in each course.

BIO 305L Animal Physiology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Prerequisite(s): BIO 115 and BIO 116 with a grade of C or better in each course.

BIO 310 Health and Ecology in Central America 3 Credits
This interdisciplinary course seeks to provide a unique educational experience for students to explore the relationship between human health, ecological health, and environmental concerns. Using a country in Central America as our focus (e.g., Costa Rica or Panama) we will begin by studying the health care system, including visits to several hospitals and clinics to see firsthand some of the challenges they face. We will also examine the ecotourism industry in the country, including visits to coffee plantations and a National Wildlife Refuge on the coast, again with a focus on environmental health challenges. We begin our exploration of these topics with three pre-departure meetings at Rider University during the Fall semester. We continue our experience with a ten-day trip to Central America during the January term and will meet for four additional class sessions during the Spring semester.

BIO 335 Plant Biology 4 Credits
Biology of seed plants, including growth, development, and reproduction of flowering plants. Emphasis is placed on acclimation and adaptations demonstrating environmental influences on plant structure and function. Current literature involving molecular mechanisms of control will be discussed. Three hours of lecture and one three-hour lab per week. One Saturday field trip. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C.
Corequisite(s): BIO 335L.

BIO 335L Modern Plant Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 335.

BIO 340 Evolutionary Biology 4 Credits
Where did we come from? This course will explore the generation of biological diversity on earth. Course topics will include: the history of evolutionary thought; the different lines of evidence and fields of inquiry that bear on our understanding of evolution; selection vs. random changes in populations over time; speciation; extinction; the molecular basis of evolution; and evolutionary developmental biology. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and BIO 260 with a minimum grade of C Co-requisite(s): BIO 340L.

BIO 340L Evolutionary Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and BIO 260 with a minimum grade of C Co-requisite(s): BIO 340.

BIO 350 General Ecology 4 Credits
An investigation of the processes that regulate the distribution of plants and animals throughout the biosphere. Relationships among species and their interactions with the environment are stressed. Quantitative analyses of experimental results and current research in basic and applied ecology are discussed. Laboratory activities explore conceptual models using both field activities and computer simulations. Three hours of lecture and one three-hour lab per week. One Saturday field trip (laboratory time will be adjusted accordingly). Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350L.

BIO 350L General Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C
Corequisite(s): BIO 350.

BIO 370 Immunology 4 Credits
An introduction to the cells and molecules of the immune system with emphasis on recent advances. Topics include AIDS, autoimmunity, transplantation, and cancer. Readings from current journals will be discussed and presented by students. The laboratory will introduce current research techniques and then apply these to a research problem with critical analyses of the data generated. Three hours of lecture and one three-hour lab per week. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 260 with a minimum grade of C or BIO 117 with a minimum grade of C)
Corequisite(s): BIO 370L.

BIO 370L Immunology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): BIO 115 with a minimum grade of C and BIO 116 with a minimum grade of C and (BIO 260 with a minimum grade of C or BIO 117 with a minimum grade of C)
Corequisite(s): BIO 370.

BIO 372 Behavior of Marine Organisms: Evolutionary Approach 4 Credits
An examination of the underlying mechanisms and evolutionary causes of behavior, including habitat use, feeding, and mate choice, particularly in marine organisms. The laboratory will involve collecting, analyzing and interpreting field data and performing experiments in the lab using a variety of marine organisms including fish and crabs. Three hours of lecture and one three-hour lab per week. Some full-day field trips (usually on a weekend) are required. Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course.
Corequisite(s): BIO 372L.

BIO 372L Behavior of Marine Organisms: Evolutionary Approach Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 372.

BIO 390 Special Topics in Biology 4 Credits
This course will provide students the opportunity to deeply explore a specialized topic in the broad field of biological sciences. The course entails 3 hours of lecture and 3 hours of laboratory per week, and may satisfy upper-level biology course requirements for the Biology, Behavioral Neuroscience, and/or Health Sciences majors. Examples may include such topics as ornithology, ethnobotany, entomology, neuroelectrophysiology, or exercise physiology, among other possibilities. Prerequisite(s): BIO 115/BIO 115L and BIO 116/BIO 116L.
Corequisite(s): BIO 390L.

BIO 390L Special Topics in Biology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): BIO 390.

BIO 400 Seminar in Cellular and Molecular Biology 3 Credits
Critical analysis of the scientific literature pertaining to current topics in cell and molecular biology. Topics may include: genomics, regulation of gene expression, development, and molecular processes of disease. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116, (BIO 260 or BIO 117) with a grade of C or better in each course, junior standing, and permission of instructor.

BIO 416 Bioinformatics 3 Credits
A comprehensive overview of relevant computer-based technologies used in genome research, DNA sequence analysis, and evolutionary biology. Will focus extensively on Internet resources and predictive algorithm usage for determining evolutionary relationships of organisms based on molecular evidence. Lectures will focus on terms and concepts frequently used in genomic and bioinformatic research, while computer labs will allow students to perform hands-on projects with actual DNA sequence data.
Prerequisite(s): BIO 115, BIO 116, (BIO 260 or BIO 117) with a grade of C or better in each course, junior standing, permission of instructor and BIO 265 recommended.

BIO 420 Seminar in Organismal Biology 3 Credits
Critical analysis of the scientific literature pertaining to current topics in physiology and organismal biology. Topics may include hormonal control of behavior, immune pathogen interactions, and other aspects of whole animal and/or plant biology. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course; junior standing, and permission of instructor.

BIO 450 Seminar in Ecology & Evolution 3 Credits
Critical analysis of the scientific literature pertaining to current topics in ecology and evolutionary biology. Ecology and evolution of terrestrial and aquatic systems may include scales of adaptation, mechanisms, or human impacts. Three hours of lecture per week.
Prerequisite(s): BIO 115, BIO 116 with a grade of C or better in each course; junior standing, and permission of instructor.

BIO 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

BIO 491 Internship in Biology 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and should include keeping a journal of activities, a term paper or project report and a poster presentation. 2.5 GPA required.
Prerequisite(s): Permission of the instructor.

Business Administration (BUS)

Courses and Descriptions

BUS 150 The Business of Cannabis 1.5 Credits
In this online course, you will learn about trends and best practices in the business operations of the cannabis industry. Emphasis will be placed on financial strategies, marketing, customer service, and the regulatory environment.

BUS 210 Intro to Law: Contracts 3 Credits
An introduction to the origin of current law, with emphasis on the development of business law, students are exposed to legal terminology and acquainted with the system of application of rules of law to actual situations. The laws of contracts, particularly common-law developments, are considered in great detail.

BUS 211 Commercial Law 3 Credits
The law as related to the sale of goods, commercial paper, and secured transactions as promulgated by the Uniform Commercial Code is considered in depth. Warranties, guarantees, remedies, and product liability are explored. The laws of bankruptcy and insurance are also considered.
Prerequisite(s): BUS 210.

BUS 214 Advanced Business Law 3 Credits
This course provides students with an introduction to the fundamentals of individual and organizational forms of doing business. The laws governing agency, partnerships, corporations, and the purchase and sale of securities will be explored. The legal consequences of the relationships, and the rights and duties of the parties and entities will be discussed, as will the rules of law governing real, personal, and intellectual property, including the transfer of title to real property, the various types of bailments, the landlord-tenant relationship, and the laws concerning wills, trusts, and estates. The concerns of businesses that compete in the global environment through the study of international law will also be discussed. This course replaces the property (BUS 213) and business associations (BUS 212) courses; you may not take this course if you have taken either of these courses.
Prerequisite(s): BUS 210.

BUS 300 The Legal and Ethical Environment of Business 3 Credits
The strategies by which organizations in the private as well as the public sectors interact with, adapt to, and attempt to influence their external environments are explored. The primary emphasis is on evaluating the effect of business and governmental decisions on the quality of life. The role of regulatory agencies and the impact of local and national legislation on organizational behavior are considered.
Prerequisite(s): 54 credits.

BUS 315 Health Care Law, Ethics & Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system.
Prerequisite(s): 24 credits.

BUS 375 International Business Law 3 Credits
This course considers the impact of international organizations and treaties on global business and examines the various methods of international dispute resolution. Important legal and ethical issues related to conducting business overseas are discussed including the topics of labor and employment rights, environmental law, and intellectual property.
Prerequisite(s): 54 credits.

BUS 400 Strategic Management and Policy 3 Credits
This capstone course for seniors in business administration provides a framework for problem identification, analysis, and decision making within the organization. Students are given the opportunity to integrate and apply previously acquired knowledge of accounting, decision sciences, economics, finance, marketing, management, and statistics. Case studies, critical incidents, and other appropriate techniques are utilized.
Prerequisite(s): 84 credits and ACC 210, ACC 220, BUS 300, CIS 185, FIN 220, MGT 201, MKT 200, MSD 301, and (CIS 385 or GSC 385).

BUS 410 New Venture Planning 3 Credits
This course will require students to select a business and prepare a complete new venture plan for it. This plan would identify the product and its target market, analyze its market potential, choose the location, scale of operation, layout, staffing, type of financing, estimate the revenues and profits, and present the income statement, balance sheet, and the cash flow projections.
Prerequisite(s): ENT 348 or permission of instructor.

BUS 444 Selected Topics Business Policy 3 Credits
The study of a selected topic of contemporary interest related to one or more of the following: strategic management, business law, business ethics, social responsibility, legal environment of business. Readings, research, lectures, discussions, and other methods will be used.
Prerequisite(s): to be determined by instructor.

BUS 490 Independent Research and Study 3 Credits

BUS 491 Business Admin Internship 1-4 Credits

BUS 492 Global Business Internship 3 Credits

Business Data Analytics (BDA)

Courses and Descriptions

BDA 201 Introduction to Business Analytics 3 Credits
This course introduces students to the process of analyzing big data and discovering new information to support business decision making. The course covers descriptive, predictive, and prescriptive analytics. Some topics covered include data visualization, data forecasting, and data mining. This course provides students with the fundamental concepts and tools needed to understand the role of business analytics in organizations and shows students how to apply basic business analytics tools in a spreadsheet environment. It also includes how to communicate with analytics professionals to effectively use and interpret analytic models and results for making better business decisions. Emphasis is given on applications, concepts and interpretation of results. Students utilize Excel for data analysis.
Prerequisite(s): MSD 205.

BDA 205 Introduction to Visual Data Analytics 3 Credits
This course will equip the students with the fundamental skills to perform visual data analytics. Students will learn how to prepare a dataset for visual analysis, create basic and advanced visualizations using Tableau, and “tell a story” using data visualization. At the completion of the course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience.
Prerequisite(s): CIS 185 and BDA 201.

BDA 355 Business Analytics with Python 3 Credits
Python has become essential for data analysis in recent years. Research shows that Python is the most popular and growing programming language for business analytics mainly because it is flexible, easy to learn, easily accessible due to its open-source nature, and well supported by plenty of useful analytics libraries since it is heavily used in industry and academy. This course provides students with the required knowledge of working with popular Python data analytics libraries such as Pandas, NumPy, Matplotlib, SciPy, and Scikit-Learn as well as basic programming with Python such as Python syntax, data structure, conditional statements, and functions. Some topics covered include data retrieval and manipulation with Pandas (Python's most popular library for data analytics) and SQL, data visualization with Matplotlib, statistical distributions with NumPy, hypothesis testing with SciPy, and multiple regression with Scikit-Learn.
Prerequisite(s): BDA 201.

BDA 398 Business Data Analytics Practicum 3 Credits
This course develops and sharpens the skills needed for a successful career in analytical business consulting, such as analysis, critical thinking, presentation, problem solving, and teamwork. This class will develop skills in each of these areas through discussion of the principles underlying best practices and feedback in a series of applied exercises and cases that will prepare students to obtain and succeed in analytical business consulting problems. The students will analyze the data provided by professionals from experts in the field, and they will present the project at the end of the semester.
Prerequisite(s): BDA 205 and BDA 201; Junior or Senior Standing; Completion of 12 credit hours in business analytics coursework or Permission of Instructor.

BDA 399 The Co-Operative Experience 6 Credits
This Co-Operative Experience will provide Business Analytics majors with supervised employment (approximately four months), where the students will have an opportunity to apply what they have learned in their business analytics and other business classes.
Prerequisite(s): Business Analytics major, Junior or Senior standing, GPA of 3.0 or above.

BDA 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and department chairperson. Available to juniors and seniors.

BDA 491 Business Data Analytics Internship 3 Credits
This Internship course will provide Business Analytics majors students with supervised employment (approximately two months), where the students will have an opportunity to apply what they have learned in their business analytics and other business classes.
Prerequisite(s): Business Analytics major, Junior or Senior standing, GPA of 2.75 or above.

Business Education (BED)

Courses and Descriptions

BED 410 Prin/Strat Voc & Coop Ed 3 Credits
Designed as one of the specialized courses in the preparation of business and marketing education teachers and teacher-coordinators of cooperative work experience programs. The philosophy and history of education for and about work, including technology, are studies along with the principles and strategies for organizing and administering vocational cooperative education programs. Developmental/reflective evaluative techniques will be applied for the assessment of self, students, instruction and selected case studies. Current instructional concepts, organizational and administrative strategies, legislative enactments, and regulations pertaining to the employment of youth are included. Special attention is given to the role of vocational student organizations and advisory committees. Open to all students. A cumulative GPA of 2.75 is required.

BED 415 Teaching Business Subjects 3 Credits
Instructional strategies in the teaching of business and marketing subjects are analyzed and demonstrated. Students are required to prepare lesson plans, teach demonstration lessons, develop a unit plan, and compile a resource file of teaching materials. Videotaping of demonstration lessons is integrated with the course work to encourage developing teaching competency through a series of instructional modules appropriate to the student's certification interests. A cumulative GPA of 2.75 is required.

BED 445 Work Experience Cooperative Program 3-6 Credits
A minimum of 300 hours in a supervised occupational experience or a supervised internship program in an approved work station or institution. The experience is coordinated and supervised by a qualified coordinator of occupational education. A series of activities are designed to relate job and intern experiences to the student's future role as an employee or a professional teacher. The student will be evaluated by the supervising employer and the University supervisor.

BED 490 Independent Research & Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

Chemistry (CHE)

Courses and Descriptions

CHE 100 Intro to College Chemistry 3 Credits
Open to all students, but designed primarily for those who wish to major in a science which requires chemistry but whose chemistry background is not sufficient to allow entrance into Chemistry 120. It focuses on the nomenclature used in chemistry including the symbols used to designate the chemical elements, the construction of chemical formulas, and the writing and balancing of chemical equations. Other topics will include interpreting the Periodic Table, the valences of the elements, the mole concept, and simple stoichiometry. In addition, chemical calculations involving units, scientific notation, significant figures, and the algebraic manipulations of simple equations will be included. Three hours of lecture per week. This course does not satisfy the requirements for the biochemistry or chemistry degree, but does satisfy the core requirements for education and business majors.

CHE 110 Survey of General Chemistry 4 Credits
A one-semester survey of basic general chemical principles designed to be applied to questions in health-related fields. Students will explore the fundamental structures of atoms and simple compounds that comprise living beings; basic patterns in chemical reactivity, especially oxidation-reduction and acid-base reactions; quantitative analyses of biologically-relevant compounds and chemical reactions; properties of substances; and kinetic and thermodynamic principles underlying such chemicals and chemical processes. In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts. No prerequisites. Students who have completed CHE 120 and/or CHE 122 will not be permitted to enroll in CHE110/110L. Furthermore CHE 110 will not serve as a prerequisite for CHE 122.

CHE 110L Survey of Gen Chemistry Lab 0 Credits
In the laboratory portion of this course, students will learn and apply principles of experimental safety and will apply knowledge gained in the class via application in basic experimental contexts.

CHE 114 Chemistry in the Kitchen 4 Credits
Chemistry permeates aspects of our daily lives in which we are often unaware. In this course, students will learn the core tenets of chemistry including atomic and molecular structure, bonding, intermolecular and macromolecular interactions, and chemical reactivity, and will personally investigate these properties in the context of cooking, baking, metabolism, and other kitchen-related activities. This 4-credit course will include a weekly 3-hour lab in which students will perform experiments that allow them to prepare dishes that illustrate key chemical concepts. As part of the course, students will collaborate with the Trenton Area Soup Kitchen to prepare and serve food to the community, as well as share their understanding about the chemical properties that are involved in the development of various dishes. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): CHE 114L.

CHE 114L Chemistry in the Kitchen Lab 0 Credits
This is the laboratory portion of CHE 114.
Corequisite(s): CHE 114.

CHE 115 Chemistry & Society 3 Credits
Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

CHE 118 Exploration of Chemical Principles 4 Credits
A one-semester introduction to the principles of chemical sciences. Students will utilize inquiry-based learning methods to examine contextual problems as a means to explore introductory models and concepts of chemistry. Students will also gain an understanding of how scientific models are used to explain experimental observations. The laboratory component of this course is designed to provide students with an experimental context within which to develop some of the models described in the classroom. Three hours of lecture and one three-hour lab per week.

CHE 118L Exploration of Chemical Principles Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 118.

CHE 120 Principles of Chemistry 3 Credits
For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. Prerequisite(s): High school chemistry or CHE 100 is recommended before taking this course.
Corequisite(s): CHE 121.

CHE 121 Principles of Chemistry Lab 1 Credits
For students concurrently taking CHE 120. Experiments involve gravimetric, volumetric, and spectrophotometric quantitative analysis. One three-hour lab per week. Fall.

CHE 122 Intro to Chemical Systems 3 Credits
A continuation of CHE 120. For students majoring in the sciences but may be taken by others. Chemical systems in which the study of kinetics, thermodynamics, equilibrium, and radiochemistry are emphasized. Three hours of lecture per week. Prerequisite(s): CHE 120, MTH 105 or higher.
Corequisite(s): CHE 123.

CHE 123 Quantitative Methods Lab 1 Credits
Usually taken concurrently with CHE 122. Primarily for students majoring in the sciences. A number of quantitative classical and instrumental methods of analysis are used to determine thermodynamic properties and reaction mechanisms. One three-hour lab per week. Prerequisite(s): CHE 121.
Corequisite(s): CHE 122.

CHE 211 Organic Chemistry I 4 Credits
The structure, chemical properties, and methods of preparation of the more important classes of carbon compounds are studied, with an emphasis on the relationship of structure, stereochemistry, and conformation to chemical reactivity. The preparation and reactivity of organic functional groups is introduced. The use of infrared and nuclear magnetic resonance spectroscopy, and mass spectrometry for elucidating structures of organic molecules is discussed. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 120, CHE 121.
Corequisite(s): CHE 211L.

CHE 211L Organic Chemistry I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 211.

CHE 214 Organic Chemistry II 4 Credits
A continuation of Chemistry 211, emphasizing the mechanism of organic reactions, structural interpretations of properties, preparations, reactivity and identification of organic compounds. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): CHE 211 and CHE 211L.

CHE 214L Organic Chemistry II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 214.

CHE 225 Introduction to Organic and Biochemistry 4 Credits
An introductory course describing the basic principles of organic chemistry and biochemistry as they relate to human metabolism and disease. The nature of the chemical structure and reactivity of organic functional groups such as alcohols, aldehydes, ketones, carboxylic acids and amines will be presented with biological processes in mind. The biochemistry of the macromolecules DNA, RNA, proteins, carbohydrates and lipids will be discussed leading in to a discussion of some of the more important metabolic pathways. This course is intended for science majors who do not take the full two semester sequence of organic chemistry and two semesters of biochemistry and desire a background in biochemistry. Non-science major students who have had one semester of general chemistry and one semester of biology may also enroll in the course. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115 .

Corequisite(s): CHE 225L.

CHE 225L Introduction to Organic and Biochemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (CHE 110 UG D and CHE 110L) or (CHE 122 UG D and CHE 123) and BIO 115
Corequisite(s): CHE 225.

CHE 250 Quantitative Analysis and Statistics Methods 4 Credits
This course will provide a deeper exploration of topics in chemistry that are steeped in numerical analysis. These topics include advanced analysis of equilibrium systems, acid-base systems and electrochemical systems. Additional detail will be given to methods of chemical measurement, statistical methods of data analysis and determination of data validity and reliability. Both lecture and laboratory will show an emphasis on using computer-based tools to analyze experimental data. Three hours of lecture and one three-hour lab per week. Prerequisite(s): CHE 122 & CHE 123
Corequisite(s): CHE 250L.

CHE 250L Quantitative Analysis and Statistical Methods Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 250.

CHE 305 Physical Chemistry I 3 Credits
The mathematic and conceptual foundations of physical chemistry will be introduced with an over-arching theme of determination of energy allocation within atomic and molecular systems. Topics will include determination and measurement of energy states in atoms and molecules, simple quantum mechanical systems, distribution of energies and the connection to thermodynamic quantities, the three laws of thermodynamics, spontaneity, equilibrium and experimental kinetics.
Prerequisite(s): CHE 122, CHE 214, MTH 211, PHY 201.

CHE 306 Physical Chemistry II 3 Credits
Physical chemistry concepts are explored in more detail with emphasis on examination of systems that require multiple models in physical chemistry to explain. Topics will include, kinetic theory and transition state theory, statistical mechanics and its connections to thermodynamic functions, temperature dependence of spontaneity and equilibrium, the thermodynamics of condensed phases and multi-component equilibria, electrochemistry, multi-electron quantum mechanical systems, approximations in quantum mechanics, symmetry and advanced molecular spectroscopy.
Prerequisite(s): CHE 305, MTH 211.

CHE 315 Inorganic Chemistry 3 Credits
The periodic table as a tool for predicting the physical and chemical properties of chemical systems is developed and examined in conjunction with various theories of bonding, including valence bond, molecular orbital, valence shell electron repulsion, and ligand field theory. Emphasizes structure of crystalline solids, coordination compounds, reaction mechanisms, and structure-property relationships. Three hours of lecture per week.
Prerequisite(s): CHE 122, CHE 214.

CHE 316 Inorganic Chemistry Laboratory 1 Credits
Students will explore a variety of synthetic methodologies for the growth of inorganic molecular systems, and solid-state materials. A transition metal or main group metal plays a central structural role in all systems that will be examined. Modern analytical methods will be applied to characterize synthesis products, such as FT-IR spectroscopy, polarimetry, NMR, and powder X-ray diffraction analysis. Prerequisite(s): CHE 123, CHE 214.
Corequisite: CHE 315.

CHE 320 Polymer Chemistry 3 Credits
Designed to acquaint students with the structure and properties of polymers, the contrast between small molecules and polymers, methods of measuring molecular weight, the mechanism of polymerization, and the methods of fabricating polymers.
Prerequisite(s): CHE 211.

CHE 325 Physical Chemistry Laboratory 1 Credits
Measurements are made of physical properties of molecules and chemical dynamical processes. These measurements will be used to develop models which explain the physical chemical nature of the systems under examination. Experiments will utilize various instrumental techniques such as infrared spectrometry, nuclear magnetic resonance, fluorescence and UV/Vis spectrometry. One three-hour lab per week.
Prerequisite(s): CHE 250, CHE 305.

CHE 330 Instrumental Analysis Laboratory 2 Credits
This course is designed to give students practical experience using modern analytical instrumentation and to provide students with the background theory and principles of operation. The instrumental methods introduced in this course include: ultraviolet and visible spectroscopy, atomic emission spectroscopy, gas chromatography (GC), high performance liquid chromatography (HPLC), X-ray powder diffraction analysis and electrochemical analysis. This experimental laboratory course meets two times per week with three hours for each session. One session will be focused on instrumentation background theory and discussion and the other session will be experimental practice.
Prerequisite(s): CHE 214, CHE 250, PHY 201.

CHE 340 Environmental Chemistry 3 Credits
This course is an advanced quantitative and qualitative study of the sources of environmental pollutants, their chemical reactions and mechanism of formation, their fate in the environment, and ultimately their impact on environmental systems and services including ozone cycling, ozone hole formation, smog formation, heavy metals in drinking water, energy, and global climate change. This course will review scientific literature to identify advances in science and technology to combat these environmental problems. The course is aimed principally at chemistry majors, but other science majors that desire a chemical understanding of the environment and meet the course prerequisites are welcome. This course satisfies the global perspectives (GP) requirement at Rider University. Recommended courses include MTH 210 and CHE 250.
Prerequisite(s): (CHE 211 and 211L) or (BCH 225 and 225L) or (CHE 225 and CHE 225L) and MTH 105 or higher.

CHE 350 Advanced Organic Synthesis 2 Credits
The first of four experimental chemistry labs designed for chemistry majors. It presents the use of modern techniques, and instrumentation in organic chemistry, including distillation, chromatography, infrared, ultraviolet, nuclear magnetic spectroscopy, and mass spectrometry. Two three-hour labs per week.
Prerequisite(s): CHE 214.

CHE 375 Computational Chemistry Lab 2 Credits
This course will provide students with a means to explore various methods in computational chemistry. Basic computational methods will be developed from first principles and these methods will then be tested using various modeling and computational software packages. Methods will include, but are not limited to, molecular mechanics, semi-empirical molecular orbital calculations, ab initio methods, and density functional calculations. Students will be exposed to various computational software packages and the strengths and limitations of each methodology will be explored. The course will meet in a computer laboratory for two for three-hour lab periods a week.
Prerequisite(s): CHE 305.

CHE 400 Chemical Bonding 3 Credits
The effects of the chemical bond on the structure and properties of molecules are investigated. Molecular orbital theories of bonding are introduced. Emphasis is placed on group theoretical methods utilizing molecular symmetry to simplify the description of the electronic structure of molecules and to predict their geometric structures and reactivity. Three hours of lecture per week.
Prerequisite(s): CHE 305, MTH 212.

CHE 415 Special Topics in Chemistry 3 Credits
An advanced level of one or more areas of modern chemistry. Emphasis on research and the literature of an area of current importance. Three hours of lecture per week.

CHE 420 Physical Organic Chemistry 4 Credits
In-depth studies of the methods for elucidating mechanisms of organic reactions for students who have completed one year of organic chemistry and physical chemistry. Topics include conformational analysis, linear free energy relationships, frontier molecular orbital theory, transition state theory, and chemical reaction kinetics. Isotopic scrambling, kinetic isotope effects, NMR and IR spectroscopy, polarimetry, and ultraviolet-visible spectrophotometry will be employed to investigate these concepts. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): CHE 214, CHE 305.
Corequisite(s): CHE 214L.

CHE 420L Physical Organic Chemistry Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): CHE 420.

CHE 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

CHE 491 Internship in Chemistry 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in a private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the students' overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Chinese (CHI)

Courses and Descriptions

CHI 100 Chinese I 3 Credits
This course is designed to foster mastery of the basic skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 101, the course provides a thorough foundation in basic Chinese grammar. Students will have opportunities to work extensively with audio and/or video resources/ materials and other technology, and above all, students from China. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): placement test if Chinese has been studied elsewhere.

CHI 101 Chinese II 3 Credits
A continuation of CHI 100. This course continues to foster mastery of the basic skills of Mandarin Chinese: speaking, listening, reading and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese I, the course provides a thorough foundation in basic Chinese grammar. Students will have opportunities to work extensively with audio and/or video resources/ materials and other technology and above all, students from China. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): CHI 100 or placement test.

CHI 150 Chinese Culture and Basic Language 3 Credits
This course integrates beginning-level functional Mandarin Chinese language skills acquisition with the knowledge of Chinese business practices and culture as well as hands-on information and strategies for successful inter-cultural encounters. Students gain practical basic language skills through classroom practice and the use of audio/video and computer materials. Readings, films, documentaries, and lectures in English by members of the business community enable students to integrate language acquisition with practical cultural knowledge and cross-cultural awareness. Examination of Chinese customs highlights social relationships and cultural practices. No knowledge of Chinese language is required. This course does not fulfill the CLAS foreign language requirement.

CHI 200 Chinese III 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus of the course is on communicative competency and accuracy. Together with Chinese 201, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CHI 101 or placement test.

CHI 201 Chinese IV 3 Credits
This course is designed to foster mastery of the intermediate skills of Mandarin Chinese: speaking, listening, reading, and writing. The focus is on communicative competency and accuracy. Together with CHI 200, the course provides intermediate-level Chinese grammar, vocabulary, and cultural knowledge through the use of film clips, simple newspaper articles, the Internet, and other multimedia resources. Students are required to work extensively with audio and/or video resources/ materials and other technology and they have a unique opportunity to work with students from China. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): CHI 200 or placement test.

CHI 300 Advanced Chinese Reading and Composition 3 Credits
This course develops Chinese reading and writing skills within a cultural context and aided by a systematic review and expansion of grammar and vocabulary. Using literary, journalistic, business and other sources, students learn various writing discourses and their Chinese variants including narration, description, exposition, and journalistic, business documentation and letter writing. Some translation is used to encourage linguistic analysis. Interviews with native speakers, Chinese Americans, and working with students from China enhance the cultural understanding of students necessary for meaningful reading and writing.
Prerequisite(s): CHI 201 or placement test.

CHI 307 Images of Women in Chinese Literature and Film 3 Credits
This course will introduce students to the (change of) status of women in China through literature and film. Students will explore the rich Chinese literary traditions and examine how the images of women are represented by both male and female writers/directors in fiction and film of different historical periods. In the process of such exploration and examination, students will also examine how the literary movements and their historical, social, cultural and political contexts shape, and are shaped by, each other. They will learn to understand how diverse the experiences of Chinese women are. While students will be exposed to both classic and modern/contemporary literary traditions, the focus will be on the latter, such as May 4th New Culture Movement, Maoist revolutionary literature, (Post-Mao) Wound/Scar Literature, Root-Searching Literature, etc. Classes are in English.

CHI 310 Chinese Culture and Civilization 3 Credits
This course introduces students to Chinese Civilization and Culture. Through reading, viewing, discussion, and presentation, students will have a chance to "experience" Chinese cultural riches and "interact with" its long history, religions, philosophies, literature and art, politics, as well as its different peoples and diverse customs. We will learn about China's ancient dynasties and its cultural and aesthetic achievements in the past, and its modern revolutions, nationalism, communism, and post-Mao economic and political reforms today. We will also explore Chinese customs, particularly festivals, and try to gain an appreciation of different social relationships and diverse cultural practices. No knowledge of Chinese required. This course offers an optional TRIP TO CHINA during Spring Break or in May WHICH WILL EARN 3 ENGAGED LEARNING POINTS. Interested students must register for the travel course separately from taking CHI 310.

CHI 311 Calligraphy As a Window to Chinese Language and Culture 3 Credits
This course provides students with a chance to gain an intimate knowledge of Chinese language and culture through calligraphy. Students will learn the basic principles and techniques of writing Chinese characters with the writing brush. They will be introduced to the pronunciation, the composition and evolution of Chinese characters so that they will be able to read and understand what they write. Students will also learn how calligraphy is immersed in various aspects of Chinese culture. The main content of the course derives from examining applications of calligraphy to poetry, painting, and core concepts of Confucianism, Daoism and Buddhism. They will have a chance to cross time and space, having dialogues with Confucius, experiencing Buddhist bliss of final "awakening" or "enlightenment" and abandoning themselves to the Daoist spontaneous flow with the movement of Nature and the cosmos. No knowledge of Chinese language is required.

CHI 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

College Reading (CRC)

Courses and Descriptions

CRC 100 College Reading 3 Credits
This elective course helps students develop greater skill and efficiency in meeting the demands of college reading. Primary emphasis is placed upon introducing, demonstrating, and practicing appropriate study strategies that will enhance overall academic performance. Instruction focuses on reading college textbooks more efficiently and effectively, improving comprehension and retention, and reading critically. Time management, note-taking skills, and other study strategies are introduced, demonstrated, and practiced. Reading and writing assignments complement and reinforce class instruction. Student placement based on HS GPA.

College of Business Administration (CBA)

Courses and Descriptions

CBA 102 Career Plan & Perspective I 1 Credits
In this course students will explore their own history, goals and values as input to their definition of success. The course will set the stage for the remainder of students' college career, and will encourage them to draw connections among their career goals, educational performance, extra-curricular experiences, and available resources.

CBA 110 Business in Action 3 Credits
This course will provide students with the opportunity to develop a foundational understanding of the business environment and various business functions. Students will be introduced to core concepts in accounting, e-business, finance, human resource management, information technology, macroeconomics, management, marketing, and production and operations management. In addition, the student will have ample opportunity to improve his/her communication and teamwork skills, as well as further develop problem-solving, analytical, and decision-making abilities through a Business in Action project.

CBA 202 Career Plan & Perspect II 1 Credits
In this course, students will build on their CBA 102 self assessments to identify specific occupations that match who they are and where they want to go. The course will provide students with the understanding of the changed nature of the current work and career environment they will be entering when they graduate from Rider. They will acquire career management skills and apply these skills to develop short and long term career goals and plans for achieving them while at Rider. The course will also touch on the intersection of work and family roles.
Prerequisite(s): CBA 102.

CBA 212 Business Communications 3 Credits
Good communication is a vital skill in any environment where interpersonal interaction occurs. Communication skills do not, however, come naturally to everyone. This course introduces students to skills, practices, and strategies that will help them effectively communicate in the workplace and highlights the value of carefully documenting interactions between client and vendor. Students will engage in developmental activities intended to help them learn key aspects of communication, including, but not limited to: different formats of business writing (e.g., executive summaries, client and corporate correspondence, email messages, memos, reports, etc.); visual aids and presentations; active listening; small group facilitation; professional presence; and establishing credibility. Deliverables will include written documents and oral presentations, both individually and in teams. These skills cut across all disciplines and are qualitative tools that enhance overall career development.
Prerequisite(s): CMP 120 or BHP 100, and CMP 125 or BHP 150, and CBA 110 or CBA 110 with a score of WV.

CBA 236 Career Planning 3 Credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this couse. The meaning of work and the development of careers are discussed, and careers are examined in the context of important changes occurring today in the world of work. Students undertake self-assessments, learn career search strategies and resources, and enhance resume and interviewing skills to maximize their career preparation.

CBA 302 Career Plan & Perspect III 1 Credits
This one credit course will be targeted to second semester sophomores and juniors. In this course, students will build on their CBA 102 and 202 self assessments to develop strategies for a successful job search. The course will provide studens with an understanding of the changed nature of the current work and career environment they will be entering when they graduate from Rider. They will acquire career management and job search skills and apply these skills to developing, networks, identify job search resources and enhance resume and interview skills. Students will understand how to research potential employers and tranaslate their experiences into a successful job search strategy.
Prerequisite(s): CBA 102 and CBA 202.

CBA 310 Global Business Studies-Paris 12-18 Credits
A regular course load in an approved program at the Institut de Gestion Sociale Universite/American Business School in Paris, France. Courses will be selected from a list pre-approved by the global business program at Rider. All business courses are taught in English. Two of the regular courses for all students in the program will be French language and civilization courses.
Prerequisite(s): 2.5 GPA; junior standing; permission of global business program director and CBA dean.

CBA 311 Global Business Studies-Paris 12-18 Credits
A regular course load in an approved program at the Institut de Gestion Sociale Universite/American Business School in Paris, France. Courses will be selected from a list pre-approved by the global business program at Rider. All business courses are taught in English. Two of the regular courses for all students in the program will be French language and civilization courses.
Prerequisite(s): 2.5 GPA; junior standing; permission of global business program director and CBA dean.

CBA 312 Global Business Studies-Paris 12-18 Credits
A regular course load in an approved program. See director of global business major for details of any programs being offered abroad.
Prerequisite(s): 2.5 GPA; junior standing; permission of global business program director and CBA dean.

CBA 313 Global Business Studies-Paris 12-18 Credits
A regular course load in an approved program. See director of global business major for details of any programs being offered abroad.
Prerequisite(s): 2.5 GPA; junior standing; permission of global business program director and CBA dean.

CBA 315 International Business Tour 3 Credits
Provides students with the opportunity to observe various international business environments outside of the United States. Students should gain a better appreciation of how culture, history, and politics influence organizational dynamics, business functions, and business customs.
Prerequisite(s): Junior or senior standing and permission of instructor.

CBA 316 Nature's Business 3 Credits
This interdisciplinary business-science course examines the relationship between economic, legal, biological, and environmental concerns and analyzes how a particular country attempts to preserve its biological diversity without sacrificing its economic development. Topics include ecotourism and the biodiversity, geology, cultural norms, and legal and political systems of the country. The study tour component of the course provides students with an opportunity to observe various international business and scientific environments outside of the United States.
Prerequisite(s): Permission of instructor.

CBA 317 Emerging Nations Study Tour 3 Credits
Through readings, lectures, student-led discussions, guest speakers, and a short-term study abroad experience, students become familiar with the culture, history, religion, and political structure of an emerging country or region. This includes an overview of economic conditions and business practices, insights on doing business with the country or region, and the importance of the country or region in the global economy.
Prerequisite(s): junior or senior standing and permission of instructor.

CBA 320 Case Analysis & Presentation 3 Credits
This case analysis and presentation course provides the student with an opportunity to analyze real-world business opportunities or problems, to develop the ability to analyze a company and to then develop and present a set of recommendations. Students work in teams and present their analysis and recommendations to a panel of executives.
Prerequisite(s): No Freshmen.

CBA 366 Selected Topics in Business 3 Credits
The study of a topic (or combination of topics) that represent some dimension of business or has important implications for business. This study may be theoretical and/or applied in nature.
Prerequisite(s): Permission of instructor.

CBA 367 Selected Topics in Business 3 Credits
The study of a topic (or combination of topics) that represent some dimension of business or has important implications for business. This study may be theoretical and/or applied in nature.
Prerequisite(s): Permission of instructor.

CBA 368 Selected Topics in Business 3 Credits
The study of a topic (or combination of topics) that represent some dimension of business or has important implications for business. This study may be theoretical and/or applied in nature.
Prerequisite(s): Permission of instructor.

CBA 369 Selected Topics in Business 3 Credits
The study of a topic (or combination of topics) that represent some dimension of business or has important implications for business. This study may be theoretical and/or applied in nature.
Prerequisite(s): Permission of instructor.

CBA 399 CBA Co-Op 6 Credits
The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Eligible students include junior and senior business students with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in the major. Co-op credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis.
Prerequisite(s): All 200 level business core and non business core courses, FIN 220 or FIN 300, and BUS 300.

CBA 410 Intercultural Communic Sem I 2 Credits
The seminar provides non-U.S. native students with a supportive forum for discussing intercultural and communication challenges. The course seeks to make the Rider experience personal and academically fulfilling and successful. The specific course objectives include providing information about culture transitions and differences, providing cultural information and enhanced communication skills, reflecting upon and analyzing culture communication differences inside and outside of the classroom, and building study cases to help future international students with their transition and adaptation to U.S. life. Pass/fail.
Prerequisite(s): Permission of instructor.

CBA 411 Intercultural Communic Sem II 1 Credits
The seminar provides non-U.S. native students with a supportive forum for discussing intercultural and communication challenges. The course seeks to make the Rider experience personal and academically fulfilling and successful. The specific course objectives include providing information about culture transitions and differences, providing cultural information and enhanced communication skills, reflecting upon and analyzing culture communication differences inside and outside of the classroom, and building study cases to help future international students with their transition and adaptation to U.S. life. Pass/fail.
Prerequisite(s): Permission of instructor.

CBA 490 Independent Research and Study 1-4 Credits

CBA 491 College of Business Internship 1-4 Credits
Provides students an opportunity to supplement and apply classroom work in supervised employment with participating businesses, government offices or not-for-profit organizations. Requirements are to be determined by the faculty sponsor prior to the period of the internship and must include an academic component, preferably a written paper of project. There must also be a final evaluation from the organization on the intern's performance.
Prerequisite(s): Permission of instructor.

Communication-UG (COM)

Courses and Descriptions

COM 102 Introduction to News Writing 3 Credits
Introduces students to routines of journalism, including reporting, writing and preparing content for print and web. Incorporates contemporary practices in multimedia journalism, including digital audio, video and photos, into traditional skills, with an emphasis on accuracy, clarity and professional style and voice. Class exercises are completed in a laboratory newsroom.

COM 103 Introduction to Communication Studies: Theory & Practice 3 Credits
Provides a foundation for the study of communication across the discipline. Open to freshmen only, it is designed to assist the first year student majoring in communication or journalism to gain a broad understanding of the scope and breadth of the field. Fundamental communication theories, principles, concepts, terms, and issues are introduced.

COM 104 Speech Communication 3 Credits
Examines basic communication principles and strategies of public speaking. Various genres of oral communication are studied, with an emphasis on extemporaneous and impromptu forms of delivery. Students research, prepare, and deliver speeches that are then used as the focal point for the discussion of effective speaking and listening. A number of speeches are videotaped. Students who received credit for COM 104S may not take this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.

COM 104S Intro to Speech Communication 1 Credits
As part of the EOP program, this course is designed to improve the speaking and language skills of new college students. Through directed practice, students have the opportunity to develop poise and confidence in oral communication, as well as competence in analyzing and synthesizing messages. Emphasis is placed on development, organization, and delivery of speeches. To receive credit, a grade of "C" or higher must be earned. Students who receive credit for COM 104S may not take COM 104.

COM 105 Communication, Culture and Media 3 Credits
Provides a detailed investigation and analysis into the nature, history, scope, adequacy, and limitations of mass communication and examines the reciprocal influence of the media on culture and society. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

COM 106 Writing for the Communication Professions 3 Credits
Provides students with written communication writing strategies and tools. Applies theory and practice in communication to targeted audiences. Emphasizes the critical role writing plays in the communication workplace and provides an opportunity to evaluate and respond to real-life writing samples and situations.

COM 107 Writing for the Media 3 Credits
Introduces students to interviewing and persuasive writing techniques for print and electronic public relations and advertising formats. Teaches techniques for creating effective digital audio-visual aids and working with digital audio and video.

COM 110 Digital Survival Skills: Media Literacy and Critical Thinking 3 Credits
This course is designed to help students critically engage with the digital media they encounter in their daily lives and build savvy skills to navigate this endless online world of information and proliferating disinformation. The course examines the digital communication, information, entertainment -- and even surveillance – that surrounds us all. Critical engagement includes understanding theories used to study the power of these media and practical techniques to assess the accuracy of digital content.

COM 131 Fundamentals of Video Production 3 Credits
Introduces students to basic video production theories, techniques, and applications. Students will gain competency in a number of video production areas including: production planning, camera operations, lighting, sound, and digital non-linear editing. Individual and group production exercises will involve planning and executing video productions in both studio and non-studio settings. This class is designed to prepare students from any major to effectively create, produce, shoot, and edit basic video production assignments including public service announcements, video news releases, educational/instructional videos, and marketing/promotional spots.

COM 150 Introduction to Critical Media 3 Credits
In this course, media is understood as any communication outlet or tool used to deliver information or data to a large number of people. This includes various components of the mass media communications industry, such as print media, publishing, news media, photography, popular culture artifacts (such as movies and film), broadcasting, advertising, billboards, etc. As such, this course teaches students how to think critically about the power and influence of mass media in their daily lives and the lives of others. The course is designed to teach students how to analyze mass mediated messages through a variety of theoretical and analytical frameworks through the lens of hegemonic discourse and power dynamics. These perspectives and approaches include, but are not limited to: Marxist, queer, psychoanalytical, rhetorical and feminist perspectives. Emphasis will be placed on the ways the media produce and reproduce societal norms, expectations and taken-for-granted beliefs. This course will provide insights into our understanding of the relationship between media and one's attitudes, values and beliefs.

COM 201 Communication Theory 3 Credits
Explores selected theories, models, and research methods in human communication, the dynamics of the communication process in various settings, and the role of communication in human interaction.

COM 202 Color Theory 3 Credits
Introduces the fundamentals of Color Theory by studying the scientific principles of the color wheel, the logic of color structure, as well as the emotive principles of color, color harmony, qualities, and combinations. This course will help students sharpen and train to recognize, describe, define, replicate, and identify color in everyday experience, especially in visual communication design.

COM 203 Introduction to Social Media 3 Credits
Introduces the tools and techniques of social media as an effective means of communication in a variety of organizational settings. Students will practice with a variety of social media platforms, explore the roles and responsibilities of a social media manager, discuss the importance of establishing social media policies, and learn how to develop a social media strategy as well as how to measure its effectiveness through social media analytics. In addition, students will discuss important issues such as how to handle an online crisis, and the legal and ethical implications of digital communication.

COM 204 Advanced Speech Communication 3 Credits
Provides students with the opportunity to further their study and practice of various types of speech communication. Moving beyond an introductory perspective, this course focuses on the development of critical, analytical, and pragmatic aspects of speech. The focus is divided between the discussion of theoretical models and a demonstrated competence of that material.
Prerequisite(s): COM 104 or COM 290.

COM 205 Persuasion 3 Credits
Analyzes the motivations that lead individuals and audiences to beliefs and actions and the techniques of achieving objectives through persuasion. Attention, interest, empathy, ethos, fear, and techniques of speakers, and those who use persuasion professionally are studied.

COM 207 Social Media and Social Change 3 Credits
Introduces students to Web/ social media tools and information distribution networks that have enabled people to mobilize new types of collective action, inform publics and advocate positions. Community production and sharing of knowledge (Wikipedia), culture (YouTube, Flickr, the blogosphere), and political organizing (colorofchange.org) are current manifestations of social changes that are continuing to bloom in the 21st century. In this course, Rider University students will become literate in active Web and social media participation with a focus on engaging with current social, political and cultural issues.

COM 210 News Reporting and Writing 3 Credits
Develops skills in hard-news reporting. Employs off-campus reporting assignments to refine information-gathering techniques such as interviewing, observation, and use of government documents and other contextual materials. Includes reporting and writing about police news, state and local government, the criminal justice system, science, business, and sports.
Prerequisite(s): COM 102.

COM 211 Copy Editing 3 Credits
Teaches all phases of copy editing for news and public relations: marking of copy, online editing, fact checking, building and shaping news and feature stories, applying mechanical style, building an ear for graceful English, and safeguarding against legal and ethical problems. Provides comprehensive review of grammar, spelling and punctuation, along with intensive practice in writing headlines and captions and editing wire copy.
Prerequisite(s): COM 102.

COM 212 Digital Publication Design 3 Credits
Students will explore the relationships between theory and practice, tradition and innovation, history and ever changing technological and aesthetic trends in publication design. Students will learn to use graphic image and typography as design elements in print media, such as newspaper and newsletter, as well as online media, such as e-magazine and e-book. Students will also learn the interactivity design for online publications. The course directs students to apply these concepts and skills to the production of published materials with digital publishing systems.

COM 213 Typography 3 Credits
Introduces students to the basics of typographic techniques and design aesthetics and provides an overview of the basic fundamentals of type design as they apply to graphics, advertising, the arts, and other areas of visual communication. The course focuses on how typography can be used as a communicative device as well as a graphic, compositional, and expressive element.

COM 220 Voice and Articulation 3 Credits
Increases the student's knowledge of the vocal elements of oral communication and improves use of voice and articulation. Introduces anatomy and physiology for enhanced vocal production. Analyzes volume, rate, pitch, quality, phrasing, stress, and inflection. Presents the International Phonetic Alphabet as a means of developing correct articulation and pronunciation. Uses classroom exercises and tape recording for feedback and learning.

COM 221 Speaking for Broadcast and Digital Media 3 Credits
Introduces the principles and techniques of speaking in traditional and digital media through the preparation and presentation of copy for live television and radio as well as recorded video and audio for the web. Students will apply the principles and techniques to a number of contexts including television and radio news, music and sports announcing, interviewing and talk programs, as well as public service announcements.
Prerequisite(s): COM 104 or COM 290.

COM 232 Podcasting I 3 Credits
Podcasting I will offer students an innovative reading, research, discussion and creative lab experience. Using fictional storytelling, broadcast journalism and talk show formats, students will learn the basics of producing an original, creative podcast. They will gain insight on how to communicate and successfully market a podcast towards a mass audience. Students would also receive a basic overview of podcasting, so they can continue work to podcast on their own after taking Podcasting I.

COM 233 Writing for Broadcast 3 Credits
Introduces diverse and highly structured writing styles and formats used in writing for broadcast. With focus on effective and creative writing using broadcast style, students will be exposed to the fundamentals of writing dramatic and non-dramatic material for radio and television including station IDs and liners, public service announcements and commercials, news and public affairs programs, and short dramatic and documentary scripts. Through lectures, case discussions, in-class assignments, and critiques, emphasis will be on the practical application of basic rules and conventions common to broadcast writing from copy preparation to on-air delivery.

COM 234 Audio Production 3 Credits
Provides a laboratory study of audio production techniques, and performance. Introduces the fundamental properties of sound as applied in modern audio production at radio and television stations, sound studios, and production houses. Students conduct lab exercises in editing, mixing, and digital recording using ProTools. Students perform a variety of genres including news, commercials, dramas, and promos.

COM 237 Rhetoric in the Digital Age 3 Credits
Focuses on the critical examination of the major public discourses in digital media. Students will learn classical and modern rhetorical theory such as Aristotle's Rhetoric, power, publics and counterpublics, and argumentation. Students will apply these theoretical aspects to critically engage digital texts such as memes, emojis, hashtags, trolls, blogs/ reviews, and video game narratives.

COM 239 Script Writing for Comic Books 3 Credits
The medium of comics presents a fascinating vehicle to communicate through a sequence of text and images. Comic books, graphic novels and other forms of the genre (web comics, comic strips, etc.) hold a significant place in modern society, history and culture. This course is designed to orient students towards writing comic book scripts. Focus will be placed on students creating and writing their own stories. Students will learn basic concepts around scripting for sequential art, story research, the relationship between text and image, comic panel theory, working within page-length restrictions and various scripting formats. Beyond learning how to write a comic book, students will explore topics such as: the different types of script formats, plot points, writing sound effects, story structure and outlining. No artistic experience needed.

COM 240 Public Relations 3 Credits
Introduces current theories and practices of public relations, with emphasis on facilitating two-way communication with various publics. Explores approaches to public relations problems by critically analyzing case studies and applying theories and techniques to realistic situations.

COM 247 Covering the Sports Betting Industry 3 Credits
This course will introduce students to the world of covering the sports betting landscape via traditional sports media. Emphasis will be placed on learning the jargon of sports betting, learning how to break down financial reports from both states and gambling operators, how to cover legislative action on the subject. In short: Covering the world of sports betting is quickly becoming akin to covering the world of financial markets, and students wishing to pursue a career in sports media will have to know how to navigate this world going forward.
Prerequisite(s): COM 104 or COM 290.

COM 251 Interpersonal Communication 3 Credits
Focuses on the study of various communication concepts and theories and the development of interpersonal skills and sensitivities. More specifically, students will participate in lectures, exercises, and projects while exploring the role and function of relationships in their professional, social, and personal lives.

COM 252 Intercultural Communication 3 Credits
Develops intercultural communication competence through an awareness and understanding of diverse cultures and their impact on communication. It will introduce students to those general factors that influence communication with people from diverse cultures both internationally and within the United States, and offer a blend of skill development, communication theory, and hands-on application.

COM 253 Organizational Communication 3 Credits
Focuses on the ongoing communication processes in organizations. This course examines how and why organizations develop policies and procedures that both encourage and yet constrain creativity and autonomy in employees. It also introduces various management skills to balance the dynamic in organizations. Finally, the course introduces students to various communication technologies that enable communication processes in organizations. Students will also have opportunities to participate in creating organizational dynamics through role-playing exercises, case studies, and other kinds of experiential learning.

COM 254 Intro to Health Communication 3 Credits
Health communication has been shown to have a positive impact on a number of facets of the medical visit, including patient outcomes, patient satisfaction, and job performance and satisfaction. This course will provide students with tools to implement health communication practices in a healthcare setting in order to improve these areas. In addition, health communication is particularly useful in cross-cultural situations, both in regard to the patient-provider relationship, when the ethnicities of the two parties may be different, and when cultural beliefs may impact a patient's medical wishes. Part of the tools for implementing health communication into the practice setting includes an understanding of the role that culture can play in healthcare and the development of strategies to provide optimal medical care while also respecting cultural intricacies.

COM 261 Introduction to Web Design 3 Credits
Introduces students to digital graphics, text, audio and video for Web design using Adobe Creative Suite. Students will learn the basics of audio, video, graphic, and interactive software along with theories of design and perception that underlie effective presentation of digital messages.

COM 262 Graphic Imaging for Digital Media 3 Credits
Teaches students techniques for image development, and image preparation for various multimedia applications. Emphasis is placed on color calibration and palette issues, image manipulation, advanced image selection techniques, transparency and masking, multimedia authoring file formats, and dynamic image design. Students will be expected to participate in critiques of professional designs in order to learn to critically evaluate their work and their fellow students' work.
Prerequisite(s): COM 261 or permission of instructor.

COM 263 History and Principles of Graphic Design 3 Credits
Covers the history and principles of graphic design from analog art through the digital revolution. The elements and principles of design will be used to study stylistic progressions, artistic techniques, design innovations, and mechanical inventions. Material will be presented through a combination of illustrated lectures and discussions.

COM 264 Digital Media: Theory and Practice 3 Credits
Introduces the ways that the merging of media industries and the intersection and integration of various media platforms and technologies impact our lives. While the primary focus will be on digital and mobile technologies and practices, the course will also cover the convergence of digital technologies in a wide range of media areas, including journalism, social media, television and entertainment. The course will offer students broad conceptual frameworks for thinking about how the emergence and evolution of digital as well as mobile communication technologies have changed the communication and journalism industries and how they are reshaping content. In addition, the course is intended to allow students to use different digital communication technologies.

COM 265 3D Graphic Animation 3 Credits
Provides students with an introduction to the basics of 3D graphic animation techniques including modeling, texturing, rendering, visual effects and animation using Maya software. Through various projects the students will learn: to model characters, sets and props, how to apply textures and color to their models, and how to bring their creations to life using various animation techniques. In addition to the technical aspects of creating successful animation, the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation, dramatization and narrative.

COM 270 Sports Multimedia Reporting 3 Credits
COM 270 Sports Multimedia Reporting. Develops skills in hard-news sports reporting, game coverage, and the production of introductory multimedia and social media sports content. Employs out-of-the-classroom reporting assignments to refine information gathering techniques such as interviewing, observation, and use of documents and other contextual materials. Includes reporting and writing on sports games, teams, players, coaches, athletic issues/controversies, and the business of sports.
Prerequisite(s): COM 102. Introduction to News Writing.

COM 280 Issues in Event Planning 3 Credits
Offers students education in event planning, production, and supervision for varied professional applications. Emphasis will be placed on planning, budgeting, and organizing small and large events for educational, institutional, non-profit, and professional groups. Students will participate in the entire process of event planning, with specific experiences in applying communication theory to actual projects.
Prerequisite(s): COM 240 or MKT 200.

COM 290 Professional/Strategic Speech 3 Credits
Provides students with practical information necessary for effective communication in various business and professional settings. Covers communication processes, principles, and models in the modern organization. Class assignments are given with emphasis on developing a knowledge and practical understanding of informative, persuasive, and impromptu presentations. Limited to students enrolled in the College of Business Administration.

COM 292 Content for Social Media 3 Credits
Focuses on creating social media content that will inform, entertain, and engage audiences within a variety of organizational and business contexts. Students will learn about message planning for specific platforms and creative ways to use digital content to support public relations, branding, customer, and media relations.

COM 301 Communication Law 3 Credits
Critically examines the legal limits and privileges affecting freedom of expression, especially in publishing, advertising, film, telecasting, and cyberspace. Places particular emphasis on the historical and philosophical foundations of the freedoms and limitations of communication in the United States.

COM 302 Communication Ethics 3 Credits
Analyzes internal and external pressures on the communication professional including economic, cultural, social, and political pressures, assesses the philosophical and practical basis for responding to such pressures, evaluates contemporary media responses to these pressures, identifies those that are of laudable quality and why, and provides guidance as to how individuals and organizations can think and react ethically. Issues addressed include censorship, confidentiality, conflicts of interests, minority and ethnic groups, privacy, sensationalism, and self-criticism.

COM 304 Rhetoric for Politics and Law 3 Credits
Introduces the theory and strategy of crafting persuasive messages and cultivating relationships with the media in the context of judicial, deliberative, and epideictic genres of rhetoric. In addition, students will learn how to plan and coordinate media briefings and how to prepare and participate in a media interview.
Prerequisite(s): COM 104 or COM 290.

COM 312 Special Topics in Journalistic Writing 3 Credits
Provides students with the opportunity to explore specialized topics in journalistic reporting and writing. Each course will focus on a specific area in the broad field of journalism. Examples include business reporting, health reporting, and sports reporting.
Prerequisite(s): COM 102 or COM 107.

COM 314 Development & Communication of Nonprofit Organizations in Sport 3 Credits
This course introduces students to developing a nonprofit organization in the sports industry. Emphasis will be placed on communicating goals to the public, budgeting, managing, and fundraising in order to build a successful nonprofit sport organization. Throughout the semester, students will learn necessary steps to create their own nonprofit 501(c)(3) while developing plans for their own organization. This work will culminate with a presentation of a detailed plan and report to a committee of sports/nonprofit professionals who will foster ways to actually help launch the entity.
Prerequisite(s): COM 347 and MKT 280.

COM 315 Computer Assisted Reporting 3 Credits
Develops advanced reporting techniques for researching and writing in-depth news stories and investigative articles. Uses state-of-the-art computer-assisted reporting methods including finding and mining data bases on the Internet, creating spreadsheets to analyze data, and employing data base manager software to sort and summarize information in government documents and other specialized resources. Focuses on conceptualizing of story ideas, planning major projects, gathering information by means of data bases, participant-observation, interviews, and analysis of public documents. Emphasizes organizing large quantities of material and presenting it in a meaningful context, including with information graphics.
Prerequisite(s): COM 210 or permission of instructor.

COM 316 Feature Writing 3 Credits
Focuses on problems and requirements of newspaper, magazine, public relations, and free-lance nonfiction writing. Students write features designed for acceptance in print, broadcast and digital media and learn marketing techniques.
Prerequisite(s): COM 102 or COM 107, English writing concentration, or permission of instructor.

COM 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

COM 320 Negotiations 3 Credits
This course provides students with the theory and skills for effective negotiations. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be split between theoretical lecture/discussion and practical application / skill development, including in-class simulations.

COM 321 Stand Up Comedy 3 Credits
Explores the theory, history, and practice of stand up and comedy writing as a contemporary rhetorical practice. Students will learn the various mechanics of joke construction, the nature of comedic narratives, and how humor can be used to engage in personal, social, cultural, and political commentary through the analysis of comedic performances. The class will also feature workshops in which students create and refine their comedic performances and personae. The class will culminate with students performing their material in front of an audience.
Prerequisite(s): COM 104: Speech Communication or COM 290: Professional and Strategic Speech.

COM 322 Argumentation and Advocacy 3 Credits
Investigates the theory and practice of speech communication that seeks to persuade by inferential argumentation. Concentrates on theories, practices, and research in argumentation and debate, blended with speaking experience in analyzing and advocating controversial topics.
Prerequisite(s): COM 104 or COM 290.

COM 323 Oral Interpretation of Literature 3 Credits
Provides an orientation to the field of oral performance. Students select literary texts, adapt the material to the audience and prepare it for presentation. Emphasizes the development of voice, articulation, and kinesic behavior. Presentations to the class are critiqued.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 324 Political Rhetoric and Democratic Culture 3 Credits
Explores how political rhetoric has shaped the democratic culture of the United States. Students will focus on the role political rhetoric plays in the struggle to contest and redefine the meaning of the Declaration of Independence's promise of life, liberty and the pursuit of happiness. In so doing this course attempts to develop an appreciation for the ways in which the challenges to extant laws and traditions—and in particular the language choices and modes of argument used in those challenges—have expanded the meanings of democracy.
Prerequisite(s): COM 105 or POL 100 or POL 102.

COM 325 Rhetoric of American Labor 3 Credits
This course examines speeches, tracts, lyrics, newspapers, posters, poems, and films of the labor movement in America. The course also examines the historical context of the labor movement to better understand and appreciate the public discourse of labor. The course explores how rhetoric has been used to give force to ideas and lead to actions, how we develop a sense of how the values and norms of our society were reflected and shaped, and we understand how that history influences our collective perception in the present. Special attention is paid to the nature and locus of power, the interplay of conflict and confrontation, and the speaker's attempt to maintain or change the allocation of that power.

COM 326 Social Media Analytics 3 Credits
Examines how social media analytics are used to improve and inform an organization's decision-making process to develop, manage, and evaluate the success of an organization's social media strategy. Students will learn how to use analytics tools, and analyze and use data to plan and evaluate the effectiveness of social media campaigns.
Prerequisite(s): COM 203.

COM 327 Career Development in the Sports Marketplace 3 Credits
This course provides a survey and analysis of various professional opportunities for those looking to pursue a career in athletics and sports. The exploration and career development is a continuation of prior sports media and communication courses with an emphasis on developing techniques and strategies for entering a very competitive marketplace. Students will engage in detailed market analysis for changing trends while developing a network of contacts through assignments based on interviews with professionals. Beyond learning about these professions, student assignments will be centered on enhancing relevant skills needed to obtain employment in the areas of athletics and sports. Prereq(s): COM 270, COM 347, and MKT 280.

COM 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a foreign culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

COM 331 Television News Production 3 Credits
In this course, students will learn to write, shoot, edit and produce video news for television, the Internet and social media. Students will be introduced to the necessary video and digital production techniques, software and technologies for producing and reporting both individual news packages and entire news programs. Through this class, students will sharpen their news judgement and learn the roles and responsibilities of television news reporters and producers.
Prerequisite(s): COM 131 or COM 230.

COM 332 Topics in Advanced Podcasting and Radio 3 Credits
Develops advanced podcasting and radio techniques, allowing students to focus closely on researching, recording, script writing, producing and distributing podcast and/or radio content in specialized genres. Students produce complex, long-form audio features suitable either for terrestrial broadcast and online/mobile podcasts. Topics may include journalism and news; narrative storytelling; sports; politics; business; and the arts. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): COM 232, COM 233, COM 234.

COM 337 Music Production for Mass Media 3 Credits
Offers students education in audio production techniques for music and other advanced audio material. Building on theory and practice introduced in the prerequisite, the class will instruct students in the theory behind acoustics and electronics as well as the digital tools and media. Those theoretical studies will be put to practice through exercises in recording music, making selections from music libraries, multi-track recording, arranging, editing, mixing and mastering. Students will begin to develop both an engineer's attention to audio detail and a musician's sense of artistry. Putting these skills to use, the students will produce complete musical works of varying musical styles, working both individually and in teams.
Prerequisite(s): COM 234.

COM 338 Writing for Broadcast II 3 Credits
Building on COM 233 Writing for Broadcast, this course provides a hands-on approach to more sophisticated reporting and interviewing techniques and writing formats used in long-form radio and television programs. This course will expose students to the following broadcast script writing areas: features, documentaries and reality programs. It will also cover writing for interview/talk show programs, music, comedy and variety programs. Students will also be exposed to writing for corporate, educational and children's programming. Students will have hands-on experiences writing, producing and editing news pieces and webcasts for student and area media outlets and web sites.

COM 341 Public Relations Writing and Strategy 3 Credits
Applies communication theory to writing and editorial processes and production techniques to create public relations materials; includes press releases, industrial publications, social media, trade publications, brochures, newsletters, stockholder reports, and multimedia platforms.
Prerequisite(s): COM 107, COM 240, or permission of instructor.

COM 347 Sports Communication 3 Credits
Critically examines the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): COM 240 or permission of instructor.

COM 348 Communication Research Methods 3 Credits
Introduces students to the research methods used to study communication problems and processes. Students will learn how researchers plan and design research studies, explore the methodological considerations of both qualitative and quantitative methods, and have an opportunity to gain hands-on experience in conducting research on communication-related issues.
Prerequisite(s): COM 105; junior or senior standing.

COM 350 Team & Group Communication 3 Credits
Examines the communication process as it relates to the small group. Theoretical constructs including motivation, group climate, attraction, leadership, decision making, problem solving and roles are analyzed. Utilizes group experience to study and evaluate the dynamics and effectiveness of interpersonal systems.

COM 352 Chinese and American Intercultural Communication 3 Credits
Instructs students about Chinese culture and communication. Culture impacts communication practices and styles in significant and subtle ways. Through readings, lectures, discussions, and first-hand interactions with Chinese international students, the students of this course will gain both conceptual and practical understanding of major communication differences between the two cultures, and become a more skilled intercultural communicator.

COM 353 Nonverbal Communication 3 Credits
Investigates studies in and theories of nonverbal communication. Lectures and experiential activities explore the effect of status, culture, and gender upon kinesics, physical characteristics, proxemics, tactile communication, paralanguages, artifacts, and environmental factors.
Prerequisite(s): COM 104 or COM 290 or permission of instructor.

COM 355 Social Justice and Journalism 3 Credits
The best of American journalism is rooted in exploring issues of social justice and shining a spotlight on abuse. In this course, students will learn about the role journalism has played to expose social injustice in America by exploring powerful investigations by the mass media and also press organizations employing and representing non-white and marginalized groups. Students will examine both historical and contemporary journalism examples. The course also will include critical assessment of journalism's failings, including an exploration of the discrimination and disenfranchisement historically perpetuated by media.

COM 360 Advanced Publication Design and Presentation 3 Credits
Builds on elementary knowledge of graphic design to teach the principles of advanced layout, and computer graphics. Introduces students to industry standard drawing software and builds on their knowledge of layout software gained in the prerequisite course. Provides an understanding of the use of logos, infographics and magazine layout, and of the theoretical bases of color for print production.
Prerequisite(s): COM 212.

COM 361 Photography 3 Credits
Using digital SLR cameras, introduces students to professional methods of shooting varied subjects while applying a range of compositions and styles. Using Photoshop, students edit images for publication in print and on the Internet. Hands-on coursework is grounded in theory, history, aesthetics, and ethics. Some cameras are available for loan from the University.

COM 363 Converging Digital Media 3 Credits
Examines the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COM 364 Web Design II 3 Credits
Equips students with the theories and practical techniques required to produce effective digital text, graphics, and animations for the Web. Discusses theories behind the use of these media in terms of effective communication and interaction. Introduces students to different computer platforms and requirements for cross-platform media.
Prerequisite(s): COM 261 or permission of instructor.

COM 365 Graphic Animation 3 Credits
Students receive an education in motion graphics and animation theories, development techniques, and preparation for various multimedia applications. Emphasis is placed on the design principles used in motion graphics and animated communication to effectively convey information in an entertaining and engaging manner. The course covers the integration of sound and imagery through graphic animation techniques, compression, rendering, input/output file formats, and delivery. Projects include the creation of web banner ads, title sequences, a music video, and an original final project. The primary software for this course is Adobe Photoshop, Adobe AfterEffects, and a taste of 3D animation using Maya. Students will be expected to participate in critiques of professional animation designs in order to learn to critically evaluate their own work and their fellow students' work.
Prerequisite(s): COM 262 or permission of instructor.

COM 366 Project Management in Graphic Design 3 Credits
Explores the creative process of graphic design while developing an understanding of the methods employed in problem solving in the industry standard design software packages. Students learn how to create a hierarchy of information through the ordering of elements into a comprehensive visual unity. They consider the relationship between content and page size, proportion, grid and margins. Students learn about typography as a design element and how it works with other visual elements in design. In order to develop an understanding of the project-planning process for either printer or Web projects, students will develop and present a series of projects that will build on one another to develop their "visual voice." Students will be evaluated on their ability to apply course material to the projects to create professional-quality work; their ability to apply exchange ideas and accept and apply constructive criticism; and on their participation in class discussions, critiques and presentations.
Prerequisite(s): COM 262, COM 360.

COM 367 3D Graphic Animation II 3 Credits
Continue to learn the techniques of 3D computer animation including modeling, texturing, rendering, visual effects and animation. In addition to the technical aspects of creating successful 3D animation the students will also learn the aesthetics of animation in regard to cinematography, art direction, lighting, character creation, prop creation, and set creation.
Prerequisite(s): COM 265.

COM 370 Sports Television and Field Production 3 Credits
Provides an in-depth study of advanced techniques in sports field production for television. Individual and group field production assignments will involve planning and executing single camera production in a sports setting. Previously developed video production skills will be refined, and students will gain increased competency and sophistication in all areas of sports field production including: production planning, camera operations, lighting, sound, and digital non-linear editing. Designed to prepare students to effectively function in the industry as a member of a professional field production team. In field situations, students create, produce, shoot, and edit sports content.
Prerequisite(s): COM 131.

COM 371 Sports Feature Content Creation 3 Credits
Focuses on developing reporting and writing skills for newspaper, magazine, public relations, and free-lance nonfiction sports writing. Students will study published examples of outstanding sports feature writing, and write their own sports feature articles with social media and multimedia components. Instead of traditional game coverage, this course focuses on covering sports personalities, issues and themes.
Prerequisite(s): COM 102, COM 270.

COM 380 Broadcast News Practicum 3 Credits
Provides a workshop dedicated to the planning and creation of professional caliber broadcast news content for the campus television network and beyond. This course will provide an opportunity for students to develop writing, graphic, audio, video design and production skills in an experiential setting. Students will create materials to be used by the Rider University Network and for broadcast, cable and Internet distribution. Students can be involved in any and all phases of creating content from project conception through implementation. Students will gain valuable experience with, a greater appreciation for, and increased competency in creating professional media content. This class will also prepare students to more effectively function in the communication industry as an effective member of a professional production team. Since topics will vary by semester and instructor, this course may be repeated once.
Prerequisite(s): Permission of instructor.

COM 390 Communication and Society 3 Credits
Examines in a topical manner the influence of communication upon significant issues and movements affecting people and society. Investigates interpersonal and mass media factors as they relate to a major issue such as changing sex roles, radicalism, racism, evangelism, election campaigns, and technology. May be taken more than once with different emphasis.

COM 391 Communication Criticism 3 Credits
Investigates and analyzes various methods of communication criticism and their applications to the understanding and evaluation of public and media discourses. Introduces theories and perspectives to assist in the analysis of those discourses. Methods include Aristotelean, Burkean, and ideological criticism.

COM 393 International Communication 3 Credits
Examines mass media systems and their influence on international communication. Emphasizes media systems of major political powers such as Russia, China, the European community, the United States, and geo-political centers such as Africa, Asia, the Middle East, and Latin America. Using a seminar format, the course explores how a nation's mass media reflect its socio-political environment and national values. Focuses on the international images constructed by the mass media.

COM 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; Pass/fail.
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

COM 400 Senior Seminar Communication 3 Credits
Provides students with the opportunity to explore critical issues in communication and journalism in a dynamic and engaging context. Students conceptualize problems, develop hypotheses, review literature, design appropriate techniques of inquiry, conduct their research, and present their findings orally to the seminar and in writing to the instructor. Senior journalism and communication majors only.

COM 415 In-Depth Reporting 3 Credits
Utilizes advanced tools and techniques of contemporary in-depth reporting for print and multimedia. Covering multifaceted stories, students will learn how to do balanced multi-sourced field reporting and writing using primary and secondary sources including human sources, electronic documents and databases, both online and offline. Emphasis will be placed on writing stories that answer not only who, what, when and where questions but also the why, the how and the "so what?" questions. Students will also be exposed to some of the best investigative work of journalists past and present as models for analysis and discussion.
Prerequisite(s): COM 210 and COM 315.

COM 426 Social Media Capstone 3 Credits
A client-based social media campaign will be developed from conception to evaluation based on research and digital media strategies. Focus will be on engagement with audiences, managing social media, and evaluation using social media metrics. Permission of instructor required.
Prerequisite(s): COM 203, COM 292.

COM 431 Advanced Television News Production 3 Credits
This course will focus on writing, reporting and producing a video news magazine program. Students will research, write, shoot, edit and report feature stories that will be included in a bi-weekly news magazine program that students will produce. Emphasis will be placed on meeting deadlines and developing the professional skills required of reporters creating visual stories for television, the Internet and Social Media. During the course, students will learn to sharpen their video production, writing and leadership skills, as well as their news judgment in creating and reporting digital content.

COM 432 Radio Station Operations Capstone 3 Credits
Students will practice the advanced study of the internal workings of a radio station and the podcasting and radio industry through hands-on work at 107.7 FM The Bronc, participating in multiple facets of the operation, including: programming, on-air broadcast, podcasting, audio software editing, event planning, public relations, business of media and advertising. Seniors only. Permission of instructor required.

COM 434 Advanced Structure of Sound in Podcasting and Radio 3 Credits
Provides in-depth study of advanced techniques in audio recording and radio programming and production. Individual and group production of short and long-form radio projects including: promotional spots, features, music programming, and news. Students will be involved in all phases of programming and production for radio including: project conception, development, management, and implementation. Selected student projects will air on the student radio station, 107.7 The Bronc.
Prerequisite(s): COM 234.

COM 440 Cases & Campaigns in Public Relations 3 Credits
Critically analyzes public relations case problems in industry, labor, education, government, social welfare, and trade associations. Emphasizes problem solving through the use of communication theories, public relations techniques, creative thinking, and the development of professional goals and standards. Employs realistic simulation exercises and actual case studies to develop and critique students' ability to demonstrate this knowledge in professional situations.
Prerequisite(s): COM 341 or permission of instructor.

COM 452 Seminar in Communication Studies 3 Credits
Offers an in-depth investigation of relational communication. Students explore the many complexities involved in human interaction and interpersonal dynamics. Social and psychological implications of various communicative relationships ranging from cross-gender communication to dysfunctional family systems to intercultural interactions are included.

COM 460 Web Design III 3 Credits
Builds on previous courses to refine students' understanding of theories and procedures of digital media development. Further develops Web site creation and project management theories. Students develop advanced Web creation techniques, including responsible site production.
Prerequisite(s): COM 364.

COM 462 Advanced Graphic Design and Portfolio 3 Credits
Explores the processes of graphic design by creating independent and creative solutions to a series of design problems. Students expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking and presentation. Students take a design project to both print and digital formats using Photoshop, Illustrator, and InDesign. Students develop and present a balanced portfolio as the culmination of their experience in the course.
Prerequisite(s): ART 103, ART 105, COM 262, and COM 360.

COM 470 Live Sports Reporting Capstone 3 Credits
Focuses on student production of live, professional-level sports media content. Students will combine reporting, writing, social media and multimedia from live sporting events. Live-coverage will include Rider University teams and regional or professional sporting events. The course is open to senior Sports Media Majors, or with the permission of the instructor.
Prerequisite(s): COM 370, COM 371.

COM 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

COM 491 Internship in Communication 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Computer Information Systems (CIS)

Courses and Descriptions

CIS 185 Information Systems Essentials 3 Credits
This course provides students with a conceptual understanding and hands-on practice with spreadsheets. At the completion of this course students will be able to apply the appropriate information systems technology tools within spreadsheets to a variety of quantitative data-centric analytic activities. This course assumes you have a basic knowledge of Microsoft Windows, Word, Excel, and Web browsers.

CIS 200 Application Development with JavaScript 3 Credits
In the early 1990s, Tim Berners-Lee created a set of technologies to allow information sharing at the CERN particle accelerator in Europe. These technologies dramatically changed the face of computing and became what we know today as the Web. Understanding how to develop and manage applications for the Web is a requirement for the information system professional. Because of the ease of development, deployment, maintenance and general scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using HTML and CCS, how to control user interaction with those pages using the JavaScript programming language. The programming basics of variable declaration and usage, program flow of control, function declaration and calling, and object usage and declaration will also be shown. The use of the JQuery Javascript library to ease the development of Web pages will also be shown.

CIS 220 Application Development with JavaScript and Python 3 Credits
In the early 1990s, a set of network technologies was combined to create a platform for application development. These technologies are now referred to as the Web. Because of the ease of development, deployment, maintenance, and scalability of Web applications, this approach to building and managing applications has become the de facto standard for business application development. Understanding how to develop and manage applications for the Web is vital for information systems professionals. This class will examine Web application development in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications, how to develop Web pages using the Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS), and managing user interaction in those pages using the JavaScript programming language. The process of creating dynamic web pages using the PHP programming language on the Web server will also be taught.
Prerequisite(s): CIS 200.

CIS 240 Cloud Computing Infrastructure 3 Credits
Cloud computing represents a form of utilizing hardware resources in a way which allows a business to be more responsive to a changing environment. Computer networks are a critical component of cloud computing. This class will cover the components of a computer network, the process of configuring networks, and the creation and provisioning a cloud computing environment. Students will also learn the process of computer operating system installation, configuration and maintenance. Virtualization, the process of creating multiple operating system environments on a single piece of hardware will also be covered using both the WIndows and Linux operating systems.
Prerequisite(s): CIS 185.

CIS 255 Intro to Game Design & Development 3 Credits
The basic concepts, logic, techniques, tools, and vocabulary associated with interactive, digital game and simulation development will be explored through a combination of lectures, discussions, and hands-on learning. Knowledge and skills derived can be applied to a wide variety of business and other organizational settings globally for interactive simulations, games, and education.

CIS 260 Business Graphics 3 Credits
Basic color theory, t ypography, and page/slide layout are presented. Students utilize presentation, word processing and photo editing applications to create and edit various documents through hands-on labs and projects.
Prerequisite(s): CIS 185 or permission of instructor.

CIS 270 Computer Networking 3 Credits
This course provides an introduction to business data communications and networking. The Internet and OSI models are discussed. Network technologies include local area networks, backbone, wide area networks, and the Internet. Introduction to network design, security, and network management are also provided.
Prerequisite(s): CIS 185.

CIS 300 Programming with Java 3 Credits
Students will learn the basic concepts of object-oriented programming as contrasted with traditionally structured programming and will develop applications using the Java programming language.
Prerequisite(s): CIS 200.

CIS 309 Data Structures & Cmptr Archit 3 Credits
An introduction to linked lists, stacks, queues, trees, pointers, and sorting and searching algorithms. Students will learn the technical details of data storage and manipulation along with the concepts of program execution, and will use tools such as hex-editors and debuggers.
Prerequisite(s): CIS 185 or permission of instructor.

CIS 315 Integrated Business with SAP 3 Credits
This course provides an introduction to enterprise resource planning (ERP) systems and addresses how integrated information systems improve business operations. Students will learn about functional business areas and business processes, and understand the problems inherent in un-integrated enterprise information systems. Using SAP software and case studies, students will learn how ERP systems are being used to facilitate integrated, real-time management decision making.
Prerequisite(s): CIS 185 and ACC 210.

CIS 319 Computer Forensics 3 Credits
Students will use computers to obtain and analyze evidence found on storage devices such as those confiscated under warrant, and learn how to trace digital activities. Criminal and investigative procedures will be explored in depth.
Prerequisite(s): CIS 185.

CIS 320 Cloud Computing Administration 3 Credits
Students will learn the process of creating or provisioning a cloud computing environment. Content will include the provisioning of operating system resources in a cloud environment, operating system installation, configuration and maintenance. Virtualization, the process of creating multiple operating system environments on a single piece of hardware will be covered in some detail. Troubleshooting problems in the virtualization environment and in the operating system environment will also be covered. Hands-on labs will be used throughout. Both Windows and Linux operating systems will be used.
Prerequisites: CIS 185.

CIS 325 User Experience Design 3 Credits
This course focuses on the critical role user experience plays in today's technology-driven business world. While technology advances make the design of functionality more readily in interactive products, usability plays a critical role in determining their success in the real world. Increasingly, business leaders realize the need to consider the emotional and social experiences as well as functional requirements and the steps users take to complete a task. This course explores User Experience Design (UXD), and its strategic importance in creating competitive advantage. Students will be able to discover, define, develop, and deliver a complete user experience. They will understand the role of usability and design principles, build innovative and pleasurable user experience prototypes, and validate them to achieve human, social, and business goals.

CIS 330 Database Systems 3 Credits
This course involves the study of computer databases. Major topics include relational databases, use of the structured query language (SQL) to query relational databases, and design and maintenance of relational databases.
Prerequisite(s): CIS 185.

CIS 340 Electronic Commerce 3 Credits
Students will learn about the most current e-commerce technologies and business models through readings, case studies, and hands-on projects. Students will gain experience using business data analytics tools to understand and evaluate the value of data that is generated and collected from various e-commerce platforms on the Internet.

CIS 345 Enterprise Security 3 Credits
This course introduces students to cybersecurity, the process of securing computers and the information they store. Coverage includes security attacks and attack prevention and mediation, security firewalls, PC and server security, authentication methods and procedures, and network security. Through lecture and hands-on labs students will learn how computer systems can be attacked and how computer professionals can manage the risks and potential damage from these attacks.

CIS 350 Practical Business Analytics with Excel and R 3 Credits
This is a required course for the Business Analytics major/minor. This course will provide the student with an opportunity to gain proficiency in analyzing and visualizing data using both Excel and R. The learning experience includes not only classic data tools, such as PivotTables, VLOOKUP, and data visualization, but also more advanced data tools such as descriptive statistics, inferential statistics, predictive analytics using R, and optimization using Excel Solver.
Prerequisite(s): BDA 201.

CIS 360 Data Mining 3 Credits
This course deals with modern technologies for data analysis. Hands-on exercises for data retrieval, data visualization and predictive analytics will be carried out using up-to-date methodologies and software tools. The full data mining life cycle will be covered from recognizing business problems and opportunities amenable to data mining analysis through deploying and monitoring solutions.
Prerequisite(s): CIS 185 with a minimum grade of D .

CIS 370 Systems Analysis and Design Project 3 Credits
Topics include modeling techniques and methodologies to address the planning, analysis, design, and implementation of high quality systems, delivered on time and within budget. Using rapid application development tools, students will also construct an operational system within the span of a single semester. Issues and tools related to the management of project teams are also discussed.
Prerequisite(s): CIS 330.

CIS 375 Business Process Design for a Global Economy 3 Credits
The course is aimed at generating a comprehensive understanding of the emergent domain of global business process outsourcing. Variously referred to as knowledge process outsourcing, IT-enabled services outsourcing, and business services outsourcing, the industry has seen enormous growth over the last decade and continues to grow. India commands the single largest share of this market but South Africa, Eastern Europe, Philippines, Morocco and Egypt have all emerged as other contenders in this global sector. The course is divided into four modules: the political economy of global outsourcing, process modeling, outsourcing management, and industry analysis. Please note: Students will not receive credit for both CIS 375 and GSC 375.
Prerequisite(s): junior standing.

CIS 377 Risk Management and Compliance for Information Security 3 Credits
This course will use a holistic approach to examine the management of information security risk in relation to the strategic goals of the business organization. Students taking this course will learn to identify threats, threat agents, potential exploits and the information assets which will be impacted by those exploits. The risk management process will specifically examine threat agents, and the amplifiers, catalysts, and inhibitors to those threats. Using a process which assigns a weight to various threats, and a comprehensive risk analysis model will be developed.

CIS 385 Management Information Systems 3 Credits
This course will enhance students' digital dexterity and familiarity with existing and emerging information technologies, emphasizing skills of abstraction in relation to digital strategy and organizational change, innovation, analytics, and ethics. This course will also provide hands-on experience with at least one essential business technology. At the completion of the course, students will have an understanding of the business-related, policy, societal, and ethical implications associated with modern information systems.
Prerequisite(s): CIS 185 and junior or senior standing.

CIS 388 Design Thinking 3 Credits
This undergraduate course on Design Thinking provides students with a framework for dealing with unstructured problems to create innovative business solutions. Students in this course will learn about the complex and iterative process of design thinking and its several phases, including problem finding, observation, visualization and sense making, ideation, prototyping and testing, and explore the value of design thinking for creating business solutions with lasting impact. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): JR/SR, 54+ credits, or POI.

CIS 390 Project Management 3 Credits
This course introduces students to general project management, the process of organizing resources to achieve business goals. Topics include the identification, approval, analysis, and general management of complex business projects. Project management tools, reports, techniques, and approaches will be covered.
Prerequisite(s): CIS 185.

CIS 395 Ethical & Global Impacts of IT 3 Credits
This course aims to help students realize the implications stemming from their use of technology as consumers, private citizens, and future employees, as well as those arising from the increasing use of data collection, automation, and artificial intelligence technologies by for-profit and governmental entities. Ethical, economic, social, political, and ecological impacts of technology are discussed.
Prerequisite(s): Junior or Senior standing.

CIS 399 The Co-Operative Experience 6 Credits
The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their computer information systems and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Eligible students include junior computer information systems majors with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in any computer information systems coursework completed prior to submission of the co-op application. Three of the co-op credits can be applied toward the computer information systems major, and three credits can be applied toward business or free elective requirements. Grading is on a pass/fail basis.
Prerequisite(s): Completion of two of the three courses: CIS 200, CIS 270, and CIS330.

CIS 401 Artificial Intelligence for Business 3 Credits
Artificial Intelligence (AI) is the broadest term used to classify machines that mimic human intelligence. It is used to predict, automate, and optimize tasks that humans have historically done, such as speech and facial recognition, decision-making, and translation (IBM.com). Undoubtedly, AI is one of the most transformative and disruptive technologies of our age, which has already had a direct impact on the value chain. Private investment in AI has significantly increased in recent years, more than doubling from $42.2 billion in 2020 to $93.5 billion in 2021 (AI Index report, 2022). A recent MIT paper predicts AI will cause significant innovations in the next ten years, creating many new jobs. However, there is currently a significant AI talent shortage in the U.S. and worldwide, and the AI skills gap is expected to widen in the future. Therefore, pursuing an AI/machine learning job is a solid choice specifically for recent university graduates to secure a high-paying position that will be in demand for decades. This course was designed for students within various disciplines, such as Information Systems, Business Analytics, Marketing, Finance, and Accounting, to learn the basics of Artificial Intelligence (AI) and how AI is applied to business. In addition, students learn how to work with SAS Viya, the SAS platform for AI and Machine Learning. This course could be the students' first yet most important step in preparing for the AI job market.

CIS 410 Selected Topics in Information Systems 3 Credits
Information and communication technologies are evolving rapidly and continually. The Special Topics course facilitates the exploration of a selected topic (or combination of topics) that represents a recent technological advance with important and direct implications in the field of computer information systems. Current research, readings, lectures, discussions and/or hands-on computer experience or other appropriate measures will be employed to stimulate student learning.
Prerequisite(s): to be determined by instructor.

CIS 430 Enterprise Integration 3 Credits
The major focus of this course includes the forces driving enterprise integration as well as the management decisions associated with the design and implementation of enterprise systems. Students will use SAP ERP extensively to configure, build, test, and implement an enterprise system for a real business environment from the ground up.
Prerequisite(s): CIS 315.

CIS 490 Independent Study: Research and Creative Expression 1-4 Credits
Topic to be approved by professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.
Prerequisite(s): permission of instructor.

CIS 491 Computer Information Systems Internship 3 Credits
This is an honors course that provides the student with approximately two months of supervised employment with participating companies. Students are given a variety of information technology experiences. They are required to complete a term paper and/or to make an oral presentation to the faculty. Grading is on a pass/fail basis.
Prerequisite(s): permission of instructor.

Computer Science (CSC)

Courses and Descriptions

CSC 105 Fundamentals of Computer Science 3 Credits
This course offers an introduction to fundamental areas of study in computer science - their applications, capabilities, and boundaries. Topics include computer organization, algorithms design and analysis, programming paradigms, software development process, operating systems responsibilities, applications, and communications. Hands-on python programming is also introduced in this course from a non-mathematical problem-solving point of view. Basic programming constructs include statements, expressions, variables, control structures, functions, and file operation.

CSC 110 Computer Science I 3 Credits
This course is an introduction to computer science and modern computing fundamentals. Students will develop programs and algorithms to solve a variety of problems posed in the natural sciences. Students will learn to code in Python, a widely adopted language, and learn the basics of algorithms, data types, program structure and development,
Prerequisite(s): MTH 105 or MTH 106 or MTH 210 or concurrent enrollment. MTH 210 or MTH 106 preferred for CSC majors.

CSC 120 Computer Science II 3 Credits
This course is an introduction to developing algorithms using abstract data types and the object-oriented methodology. Students will design and implement robust ADTs using Java, an object-oriented programming language. Students will learn how to develop their own algorithms and the best techniques for analyzing their performance. Students will be able to adapt the course knowledge to real world, practical challenges.
Prerequisite(s): CSC 110.

CSC 130 Data Structures and Algorithms 3 Credits
This course is a study of data structures and the algorithms used to process them. Topics include stacks, queues, lists, trees, graphs, sorting and searching techniques, recursive algorithms, and efficiency considerations. This course will give students a comprehensive study in data structures and algorithms which are the building blocks in programming.
Prerequisite(s): CSC 120.

CSC 140 Discrete Structures 3 Credits
This course is an introduction to the ideas and techniques from discrete mathematics as widely applied to Computer Science. Topics include sets, numbers, algorithms, logic, combinatorics, recursion principles, graph theory, trees, and discrete probability.
Prerequisite(s): MTH 105 or or concurrent enrollment or MTH 106 or concurrent enrollment or MTH 210 or concurrent enrollment.

CSC 150 Cyber Ethics and Societal Impact 3 Credits
This course will investigate the ethical and social challenges stemming from computing and telecommunication technology, as well as from mobile information-enabling devices. Topics include: cyber ethics, global and societal impact of the Internet, ethical analysis tools, ethical dimensions of computer system reliability, professional ethics, ethical frontiers in emerging technologies, privacy, security, intellectual property, cybercrime, and civil liberties in cyberspace. CSC 150 is a required course for CSC majors and minors. This course will be open to other math and science majors.
Prerequisite(s): CMP 120 or CMP 125 or BHP 100 or BHP 150 may be taken concurrently.

CSC 200 Introduction to Software Engineering 3 Credits
This course introduces software engineering ideas and concepts in the context of the software development life cycle. The course will discuss fundamental methodologies of software engineering, the Software Development Life Cycle (SDLC) and Unified Modeling Language (UML), which is a modeling language in the field of software engineering. It also concentrates on the five major phases of the SDLC: requirements engineering, requirements analysis, design, coding/implementation, and testing. Students will also learn about project management which is used for delivering high-quality software that satisfies customer needs and budgets. Prerequisite(s): Sophomore or Junior Standing
Prerequisite(s): CSC 120.

CSC 220 Computer Organization and Architecture 3 Credits
An introduction to the fundamental concepts of computer organization and architecture, this course explores how computer systems execute programs and manipulate data, working from the C programming language down to the microprocessor. Topics include: processor organization, Assembly and C programming languages, machine-level code, data representation, digital logic gates and Boolean algebra, computer arithmetic, code compilation, memory organization and management, interrupts, and performance evaluation and optimization. CS 220 is a required course for CS majors.
Prerequisite(s): CSC 130, CSC 140.

CSC 230 Probability for Computer Science 3 Credits
This course is an overview of probability theory and its application to computer science. Students will develop an understanding of combinatorics, variables, distributions, and parameter estimation. Applications to real world data and large datasets are also studied, with an introduction to machine learning.
Prerequisite(s): MTH 211 or concurrent enrollment.

CSC 240 Operating Systems 3 Credits
The course will study the basic concepts, design and implementation of operating systems. Topics to be covered include an overview of basic computing hardware components, operating system structures, process management, memory management, concurrency, resource allocation and scheduling, file systems, input/output systems, protection and security. CS 240 is a required course for CS majors.
Prerequisite(s): CSC 130.

CSC 250 Software Security Engineering 3 Credits
Secure software engineering focuses on both theoretical and practical perspectives in the development of software systems, exploring secure software design and development methods, software analysis, and reverse engineering. Emphasis is placed on security as part of the software engineering lifecycle, as well as on the correctness and robustness of code. CSC 250 is a required course for CS majors.
Prerequisite(s): CSC 200.

CSC 301 Software Requirements & Modeling 3 Credits
This course is intended to introduce students with the techniques for eliciting requirements. . The course will consider the past, present and future standards and approaches in requirements engineering. This course will specifically focus on identifying and analyzing requirements for various types of systems: embedded systems, consumer systems, web-based systems, business systems, systems for scientists and other engineers. Prereq(s): CSC 200.

CSC 310 Theory of Computation 3 Credits
This course introduces a formal framework for investigating both the computability and complexity of problems. Theoretical foundations of computer science and formal models of computation are covered. Students study several models of computation including finite automata, regular expressions, formal languages, Chomsky language hierarchy, context-free grammars and Turing machines. Topics include undecidable problems, the halting problem and the P versus NP problem.
Prerequisite(s): CSC 130 and CSC 140.

CSC 320 Human-Computer Interaction 3 Credits
This course presents Human-Computer Interaction (HCI) as a discipline that is concerned with technical advance, and that must integrate different disciplinary perspectives. Foundational theoretical issues deal with principles of human perception, visual representation and purposeful action, discussed in the context of novel interactive technologies and computer-based systems. It examines issues in the design of system interfaces from a number of perspectives: user, programmer, and designer.
Prerequisite(s): CSC 130.

CSC 340 Cybersecurity Essentials 3 Credits
This course is an in-depth study of the theories and practices for prevention of cyber attacks. Countermeasures discussed include education, encryption, virtual private networks, policies, practices, access controls, secure systems development, software assurance, verification and validation, firewall architectures, anti-virus, patching practices, personnel security practices, and physical security practices. Topics also include incident response, forensic investigations, business continuity plans, disaster recovery plans, and critical infrastructure protection.
Prerequisite(s): CSC 150.

CSC 350 Analysis of Algorithms 3 Credits
This course investigates methods for analyzing and designing efficient and reliable algorithms, emphasizing methods useful in practice. It introduces several algorithm design strategies that build on data structures and programming techniques learned in the introductory computer science course sequence. Topic coverage includes induction, divide-and-conquer, dynamic programming, network flow, randomization, complexity theory, greedy algorithms, searching and sorting algorithms, cryptographic algorithms, graph theory, hashing, and advanced data structures. CSC 350 is a required course for CS majors.
Prerequisite(s): CSC 130 and CSC 140.

CSC 360 Concept of Artificial Intelligence 3 Credits
This course offers an introduction to the basic principles, techniques, and applications of Artificial Intelligence. Topics to be covered include agent design, advanced search algorithms and heuristics, knowledge representation, logic, inference, game theory, advanced planning, and learning. Prereq(s): CSC 130 and CSC 230.

CSC 380 Parallel and Distributed Systems 3 Credits
Widely deployed in scientific computing centers and commercial data centers, large-scale parallel and distributed systems (PDS) are crucial to scientific discovery, business success, national security, and technology innovation. This course examines the design and analysis of large scale computing systems for processor- and data-intensive applications with the focus on the technologies and factors that impact the performance, power, resilience, and scalability of modern parallel and distributed systems. Topics include the organization of multicore computers, parallel computer clusters, computing grids, supercomputers, client-server systems, and peer-to-peer systems; computer networks and network protocols; network security; multithreaded programming; and network programming.
Prerequisite(s): CSC 220 and (CSC 240 or CYB 200).

CSC 390 Software Design & Construction 3 Credits
This course introduces students to software design methodologies and also equips them with the knowledge and skills necessary to design large-scale software and to improve the quality of end products. Design techniques and methodologies for improving the productivity of software development and the quality of software are introduced. The course explores fundamental design concepts and notations with emphasis on Unified Modeling Languages (UML) and design patterns.
Prerequisite(s): CSC 200.

CSC 400 Introduction to Machine Learning 3 Credits
This course focuses on the fundamental concepts, theories, and algorithms for machine learning. The course briefly covers topics in supervised, unsupervised, reinforced, and deep learning including clustering, association, regression, neural network, support vector machines, Bayesian decision theory, decision trees, ensemble learning-the nearest neighbor algorithm and random forest.
Prerequisite(s): MTH 240 and CSC 360.

CSC 410 Data Science and Big Data Analytics 3 Credits
This course serves as an introduction to the interdisciplinary and emerging fields of data science and big data analytics. Students learn to combine tools and techniques from computer science, statistics, data visualization and the social sciences to solve problems using data. Central themes include: the data science and data analytics processes; advanced analytical theory and methods; tools for working with both big and small datasets, statistical modeling, and machine learning. Specific topics and tools include: data wrangling and munging, machine learning algorithms, statistical models, data visualization, NoSQL, Weka, RapidMiner, R, Python, Hadoop, and MapReduce.
Prerequisite(s): CSC 360.

CSC 420 Software Testing, Verification, and Validation 3 Credits
This course discusses the concept software quality assurance and source code review. This course will help students understand the testing concepts and how they can easily apply the concepts to any software testing situation. This course presents the concepts and techniques for testing software and assuring its quality. Concepts that are taught as part of this course are software testing at the unit, module, subsystem, and system levels, automatic and manual techniques for generating and validating test data, the testing process, static vs. dynamic analysis, functional testing, web application testing, and reliability assessments.
Prerequisite(s): CSC 200.

CSC 430 Software Quality Assurance 3 Credits
The course aims to teach the basics of quality management in software development projects. Students will learn the definitions of quality of software product and software process. Students will learn about software quality assurance, software metrics and models in quality management, internal quality and external quality.
Prerequisite(s): CSC 420.

CSC 470 Special Topics in Artificial Intelligence 3 Credits
This is an upper level undergraduate course that covers advanced topics in Artificial Intelligence. Topics vary from one offering to the other. Topics that may be discussed include: Artificial Intelligence/ Machine Learning for Cybersecurity, Computer Vision, Robotics and Automation, Game Theory, Planning and Acting in the real World, Deep Learning, Reinforcement Learning, Decision-making under uncertainty, Image Processing, and Natural Language for Communication.
Prerequisite(s): CSC 360.

CSC 490 Independent Research and Study 3 Credits
Immerses the student in guided research. The student learns to organize material, use the literature, obtain reproducible data, and synthesize the results of the study. If possible, the student will publish the results or present them at a scientific meeting. Available to Junior or Senior students or Sophomores with permission of the department chair.

CSC 491 Internship in Computer Science 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester. Available for juniors and seniors.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Conducting (CR)

Courses and Descriptions

CR 001R Student Recital 0 Credits
25 Minute Student Recital.

CR 002R Student Recital 0 Credits

CR 109 Chapel Choir 1 Credits
Comprised of undergraduate students in their first year of study, Chapel Choir focuses on music for men's, women's, and mixed chorus. The ensemble provides the fundamentals of artistic choral ensemble singing and a foundation for all Westminster choral ensembles. Placement hearing required.

CR 209 Schola Cantorum 1 Credits
Comprised of undergraduate students in their second year of study, Schola Cantorum focuses on music for mixed chorus and continues to build and refine the skills developed in Chapel Choir. This ensemble presents campus, community, and regional performances. Placement hearing required.

CR 215 Fundamentals of Conducting 3 Credits
This course provides the foundation of conducting technique and philosophy as it relates to choral ensemble. Primarily, it deals with the development of basic pedagogical proficiencies, specifically alignment, Laban gestural vocabulary, breathing, beat patterns, consistent tempo, and the development of expressive gesture for relaying various styles of music, i.e., legato, staccato and marcato. Basic philosophical understandings concerning the human aspects of the music making process and the role the conductor plays in that process also are emphasized. Specific techniques for dealing with technical elements, e.g., fermata, dynamics, changes of tempo, contrasts in style, also are covered. The overall focus of the course is to establish the important relationship between ear, body, and the choral sound.
Prerequisite(s): TH 141.

CR 315 Techniques of Conducting 3 Credits
Continued development of conducting technique with emphasis on more complex styles and patterns, and on communication through appropriate gestures. Further improvement in conducting various dynamics and articulations, as well as more effective use of the left hand. Rehearsal procedures, repertoire programming, score preparation, and baton techniques are incorporated into the course.
Prerequisite(s): CR 215.

CR 490 Independent Study and Research 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

CR 509 Symphonic Choir 1 Credits
A large mixed chorus comprised of students above the lower division, including graduate students from all disciplines. The ensemble regularly performs in the region and focuses on the major choral/orchestral repertoire along with a wide variety of repertoire for large mixed chorus. Placement hearing required.

CR 511 Westminster Choir 1 Credits
A highly select ensemble that performs and records a wide variety of choral repertoire, the Westminster Choir regularly tours nationally and internationally, and aspires to the highest professional standards. Members are selected by audition from all Westminster students above the freshman level. The requirements for selection include good academic standing, strong musicianship, and superior vocal talent. Auditions are held in the fall semester and students participate for the academic year.

Cybersecurity (CYB)

Courses and Descriptions

CYB 105 Introduction to Cybersecurity 3 Credits
Introduction to Cybersecurity introduces students to this interdisciplinary field by exploring the technology, policies, and processes that enable assured computer operations. Students will be introduced to recent developments in cybercrime such as phishing, ransomware, viruses, and worms. Students will also learn about the policy and legislation regarding privacy, terrorism, hacktivism, and the dark web. Students will also be introduced to programming and networking concepts.

CYB 110 Cybercrime and Cyberterrorism 3 Credits
This course explores the world of cybercrime and cyber terrorism. Students will learn about the social and legal aspects of cybercrime and the technical tools that enable the investigation of these acts. They will discuss and review several definitions and types of cybercrime, and the roles of private sectors and law enforcement in detecting, investigating and preventing these acts.

CYB 130 IT Fundamentals 3 Credits
IT Fundamentals is designed to immerse students in the essentials of computer hardware and software. The IT Fundamentals course provides students with principles of data and technology that frame and define cybersecurity and insight into the importance of cybersecurity and the integral role of cybersecurity professionals. Students will explore foundational cybersecurity principles, security architecture, risk management, attacks, incidents, and emerging IT and IS technologies.

CYB 200 Operating Systems & Cybersecurity 3 Credits
This course focuses on the fundamental properties of three major operating systems (Linux, MacOS, and Windows). The course covers file systems, command line interfaces, and shell scripting. Students will learn how to manage user groups while focusing on security. They will also be introduced to SQL database architecture.
Prerequisite(s): CYB 130.

CYB 240 Ethical Hacking and Penetration Testing 3 Credits
This course introduces students to the methods of penetration testing and hacking as method of locating and successfully exploiting computer systems for the purpose of making computer systems more secure. This process includes probing for vulnerabilities as well as providing proof of concept attacks to demonstrate the vulnerabilities are real and generating specific and effective recommendations for addressing and fixing security issues discovered vulnerability assessments and penetration.
Prerequisite(s): (CYB 200 or CSC 240) and CIS 270.

CYB 260 Network Defenses and Countermeasures 3 Credits
This course in network defenses and countermeasures prepares students to defend networks against attacks by implementing proactive protection measures and by responding to active and potential threats. It covers multiple techniques for network defense, including firewalls, intrusion-detection systems, VPNs, encryption, and system hardening.
Prerequisite(s): CYB 240.

CYB 300 Developing & Deploying Cybersecurity Programs 3 Credits
In Developing and Deploying Cybersecurity Programs, students will learn how to create cybersecurity policies, standards, guidelines and plans, and the differences between them. Students will learn how threats develop, and how threat actors launch attacks on their targets. The material in this course conforms to the NIST Cybersecurity Framework and the ISO/IEC 27000-series standards.
Prerequisite(s): CIS 270.

CYB 320 Cyber Forensics 3 Credits
This course covers the technical and legal aspects of cyber forensics, including general forensic procedures, electronic discovery, imaging, hashing, file recovery, mismatched file types, and preserving the chain of evidence. Students will perform detailed cyber forensic analyses on compromised system images, using both open-source and court-approved digital forensic software tools to conduct forensic examinations, write analytical reports, and practice mock courtroom presentations.
Prerequisite(s): CYB 200.

CYB 490 Cybersecurity Independent Study and Research 3 Credits
Immerses the student in guided research. The student learns to organize material, use the literature, obtain reproducible data, and synthesize the results of the study. If possible, the student will publish the results or present them at a scientific meeting.

CYB 491 Internship in Cybersecurity 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 40 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester. Available for juniors and seniors.
Prerequisite(s): 2.5 GPA and Permission of Dept. Chair/Program Director.

Dance (DAN)

Courses and Descriptions

DAN 100 Fundamentals of Dance 1 Credits
Designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for two classes per week at the Princeton Ballet School. One additional hour per week is comprised of video observation, lecture, or readings, and is taught at Rider's Lawrenceville campus. Prerequisite(s): permission of dance advisor; Dance Studio Courses Ballet I.

DAN 100A Ballet I 0 Credits

DAN 100B Ballet II 0 Credits

DAN 100C Ballet III 0 Credits

DAN 100D Ballet IV 0 Credits

DAN 100E Ballet V 0 Credits

DAN 100F Ballet VI 0 Credits

DAN 100G Jazz I 0 Credits

DAN 100H Jazz II 0 Credits

DAN 100I Jazz III 0 Credits

DAN 100J Modern Dance I 0 Credits

DAN 100K Modern Dance II 0 Credits

DAN 100L Modern Dance III 0 Credits

DAN 100M Spanish Dance I 0 Credits

DAN 100N Spanish Dance II 0 Credits

DAN 100O Spanish Dance III 0 Credits

DAN 100P Pilates Mat Class 0 Credits

DAN 100Q Accelerated Adult Ballet I 0 Credits

DAN 100R Accelerated Adult Ballet II 0 Credits

DAN 100S Accelerated Adult Ballet III 0 Credits

DAN 100T Accelerated Adult Ballet IV 0 Credits

DAN 100U World Dance Forms 0 Credits

DAN 100V Yoga 0 Credits

DAN 100W Tap 0 Credits

DAN 100X Ballet VII 0 Credits

DAN 100Y Hip Hop 0 Credits
Fusion dance influenced by older street dance styles.

DAN 100Z Movement Fundamentals 0 Credits

DAN 105 Survey of Dance History 3 Credits
An introductory course to familiarize students with the breadth and depth of dance in human society. It will chronologically examine dance through four lenses: Dance and Community, Dance and Religion, Dance and Politics, and Dance as Art. Students will be exposed to various dance forms from around the world with varying purposes, functions, and motivations from the beginning of recorded history to present.

DAN 111 Dance Lab 0 Credits

DAN 112 Ballet I: The Point of Departure 1 Credits
This is an entry- level, mandatory ballet class that covers all of the safest fundamental practices, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary.

DAN 113 Ballet II: Next Steps 1 Credits
This is a continuation of the safest fundamental practices covered in Ballet I, including proper use of alignment, feet, rotation, and use of the core in the classical vocabulary. In addition this course extends the coverage of discourse, terminology and vocabulary of the classical technique. DAN 113 may be repeated two times for a total of three credits.
Prerequisite(s): Ballet I or equivalent.

DAN 121 Introduction to Dance Science 3 Credits
This orientation to dance science will consider important aspects of the study of human performance including anatomy, biology, kinesiology, and psychology of movement and performance. Covered are the foundations and research findings in Movement Theory, Motor Development, and Well -Being. Topics include the Care and Prevention of Injuries, Movement Analysis, Dance Movement Therapy, Mind-body Connection, Dance Fitness and Optimal Performance.

DAN 151 Pilates and Modern 1 Credits

DAN 152 World Dance & Improvisation 1 Credits

DAN 180 History of Movement Theory 3 Credits
Investigation of the mind-body connection, somatic experience, body therapies, movement, and theories. The essential question is: How is it that we move with awareness, fluidity, efficiency, and precision?.

DAN 190 Dalcroze Eurythmics 3 Credits
This movement course familiarizes students with the basic elements of music theory (staff, clefs, time signatures, notations, chords, etc.) and the Dalcrozian principles regarding music, movement and improvisation.

DAN 201 Vaganova I 1 Credits
This studio course focuses on fundamental knowledge about the vocabulary, discourse, performance and style of the classical ballet, especially as it pertains to the Vaganova Technique.

DAN 202 Vaganova II 1 Credits
This studio course continues the development of knowledge concerning the vocabulary, discourse, performance and style of the classical ballet, expecially as it pertains to the Vaganova Technique. Repeatable twice for total of three times taken. May only be repeated if there are open spots after those taking it for the first time have registered.
Prerequisite(s): DAN 201.

DAN 210 Rider Dances: Repertory & Productions 1 Credits
This course provides an in-depth experience with the art of dance production from creation to performance. Students will be chosen to learn and perform repertory; fulfill technical roles such as sound, lighting and costume design; and assume production and managerial responsibilities such as promotion, publicity, front of house management and stage management.
Prerequisite(s): permission of instructor.

DAN 210T Rider Dances Rep&Produc:Tech 1 Credits

DAN 220 History of Choreography 3 Credits
This course prepares the dance student for the creating of dance through critical analysis, reading, writing and practical assignments. Students will examine creative process as applied to dance artists and various forms of dance.

DAN 300 Lecture & Studio in Dance 2 Credits
Dance 300 series is also designed to offer students concurrent participation and theoretical inquiry in specific dance forms. Students must register for four classes per week at the Princeton Ballet School. One additional hour is comprised of video observation, lecture, or readings and is held at Rider's Lawrenceville campus. Prerequisite(s): permission of instructor; Dance Studio Courses Ballet I.

DAN 300A Ballet I 0 Credits

DAN 300B Ballet II 0 Credits

DAN 300C Ballet III 0 Credits

DAN 300D Ballet IV 0 Credits

DAN 300E Ballet V 0 Credits

DAN 300F Ballet VI 0 Credits

DAN 300G Jazz I 0 Credits

DAN 300H Jazz II 0 Credits

DAN 300I Jazz III 0 Credits

DAN 300J Modern Dance I 0 Credits

DAN 300K Modern Dance II 0 Credits

DAN 300L Modern Dance III 0 Credits

DAN 300M Spanish Dance I 0 Credits

DAN 300N Spanish Dance II 0 Credits

DAN 300O Spanish Dance III 0 Credits

DAN 300P Pilates Mat Class 0 Credits

DAN 300Q Accelerated Adult Ballet I 0 Credits

DAN 300R Accelerated Adult Ballet II 0 Credits

DAN 300S Accelerated Adult Ballet III 0 Credits

DAN 300T Accelerated Adult Ballet IV 0 Credits

DAN 300U World Dance Forms 0 Credits

DAN 300V Yoga 0 Credits

DAN 300W Tap 0 Credits

DAN 300X Ballet VII 0 Credits

DAN 300Y Choreography 0 Credits

DAN 300Z Movement Fundamentals 0 Credits

DAN 350 History of Ballet, Modern & Jazz Dance 3 Credits
Studies the major periods in the development of Western Theatrical Dance from the Renaissance to the present focusing on ballet, modern, jazz, tap and musical theater dance. The course will examine the ideas and individuals that caused the development of choreographers, producers, designers and productions.

DAN 450 Pedagogy and Methodology in Dance 3 Credits
This course provides the student with first-hand experience inside a classroom setting to broaden the students' understanding of dance techniques, teaching styles and strategies, analysis of skills and critical feedback, class preparation and design, and assessment. Course requirements include off-campus field work. Cross-listing existing entry-level teaching course with analogous graduate-level course (CURR 711).

DAN 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

DAN 491 Internship in Dance 1-4 Credits
Provides junior or senior dance majors with the practical experience of working within an educational or professional dance environment. Students must be sponsored by a dance professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

DAN 493 Special Topics in Dance Studio 1 Credits
This class covers a discrete movement style, technique, or form such as the choreography of Balanchine, the technique of Cecchiti or dance theater fusion.
Prerequisite(s): DAN 100.

DAN 495 Selected Topics in Dance History 3 Credits
Intensive study of a particular topic in dance history or theory. This may include one era, movement or nation's dance history and practice. Students will become deeply involved in an area through research, class discussions and group projects.

DAN 498 Senior Capstone 3 Credits

DAN 499 Seniors Honor Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Early Childhood Education-UG (ECE)

Courses and Descriptions

ECE 200 Infant and Toddler Care and Education 3 Credits
Focuses on nutritional and psychological influences on infant and toddler growth and development, including current research in infant development; childbirth; breast feeding; infant stimulation; intellectual development; attachment behavior; and infants in group care. Recognizing that there is increased demand for infant/toddler care, it is increasingly important to assure that America's infants receive a safe, healthy, emotionally secure, and intellectually rich start in life. High quality care and education of very young children are based upon responsive and respectful relationships among all of the people in each child's life.

ECE 332 Families, Community, and Diversity in Early Childhood Education 3 Credits
This course addresses the role of parents of young children within the context of school, home and society, as well as the influence of culture, traditions and current issues in early childhood education. Students will explore the efficacy of parenting techniques and behaviors on child development in the early years, including cognitive growth, emotional and social well-being and physical health. Students will investigate strategies for fostering home-school partnerships that enhance child development and educational success, as well as the influence of community, culture and socio-economic status on families and schools throughout our world. In addition, this course addresses current issues and challenges in the early childhood profession including inclusion of children with special needs, advocacy for quality care and education for all young children, and any other subject that might arise - either from the lives of children and families, teachers' professional development, or community agencies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ECE 450 Developmental Methods and Assessment in Early Childhood Education 3 Credits
The focus of this course is developmentally appropriate and culturally responsive curriculum and teaching P-3 settings as delineated in the guidelines of the National Association for the Education of Young Children. Students will learn how to make curriculum and teaching decisions based on knowledge of child development, content area, curriculum content standards, and home and community cultures. In order to meet the ever-changing needs, interests, and growing strengths of individual children, careful observation and assessment provides teachers with information on which to base adjustments of teaching plans. This course will provide opportunities to deepen understanding of child development; gain an appreciation for the professional responsibility of ongoing assessment of children; and, develop the necessary skills to gather, record, and interpret information in a deliberate and reflective manner. Required: 6 hours per week field placement in a Preschool classroom. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

Economics (ECO)

Courses and Descriptions

ECO 200 Principles of Macroeconomics 3 Credits
A collective view of income receiving and spending sectors of the national economy, including households, businesses, and governments. Issues discussed: What determines the level of output, income, and employment achieved by the economy? What determines the growth of national output and employment? National income accounting, income and employment theory, monetary system, general price level, business cycle, government policies designed to provide for full employment, price stability, and economic growth are also covered.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ECO 201 Principles of Microeconomics 3 Credits
Market price systems are analyzed. The nature and characteristics of consumer and producer behavior, the theory of pricing in competitive and noncompetitive markets, and determination of the distribution of output a re evaluated. Welfare, social control, monopoly, and income inequality a re explored in the light of price theory. The role of the United States in the world economy is explored.
Prerequisite(s): Place into MSD 105 based on SAT or ACT Score, OR place into MSD 105/MTH 102 by passing College Placement, OR passing MSD 104, OR having transferred in any college level MSD or MTH class.

ECO 210 Intermediate Macroeconomics 3 Credits
An analytical study of modern aggregate economic theory. Emphasizes the measurement and determination of income, employment, and price levels, as well as economic policy in theory and practice.
Prerequisite(s): ECO 200 and ECO 201.

ECO 211 Intermediate Microeconomics 3 Credits
This course is designed to give the student a thorough understanding of microeconomic theory. As such, the course will analyze the behavior of both consumers and producers, and how this behavior determines the price and quantity observed in the market. The course objective is to provide students with the necessary theoretical background to enable them to solve meaningful and practical problems. Thus, the course is both theoretical and applied in its orientation. The course will emphasize that economic theory can be used not only to solve market oriented problems, but social and public policy problems as well.
Prerequisite(s): ECO 200 and ECO 201.

ECO 300 Business Conditions Analysis and Forecasting 3 Credits
Business conditions change daily. Students study them as they change, learning to understand them in the light of economic theory, learning how each part of the economy is affected, and learning the advantages and limitations of the most reliable forecasting methods.
Prerequisite(s): ECO 200 or MSD 201 or MSD 205.

ECO 301 Managerial Economics 3 Credits
Intensively examines the theory of the firm with applications to the solution of such managerial problems as demand forecasting, the nature and behavior of costs, and product pricing. Introduces the use of simple mathematical and statistical tools that are employed with economic analysis for solving managerial problems.
Prerequisite(s): ECO 200 and ECO 201 or permission of instructor.

ECO 305 Internatl Trade and Investment 3 Credits
Studies the theory, institutions, and structures underlying the international flow of trade and investment. Topics are: the theory of international trade; balance of payment analysis; the international monetary system; adjustment to balance of payment disequilibrium; regional economic integration; the economic effects of trade restrictions; and trade and foreign investment problems of developing nations.
Prerequisite(s): ECO 200 and ECO 201.

ECO 315 Comparative Economic Systems 3 Credits
Provides a conceptual framework for classifying and comparing economic systems. Presents theory of the capitalist market economy and case studies of the U.S., Japanese, French, and Swedish economies. Examines theory of the centrally planned economy, its transition, and case studies of the Soviet and its successor states, Chinese, and East European economies. Case studies are necessarily limited, concentrating on selected topics, such as transition strategies, industrial policy, etc.
Prerequisite(s): ECO 200 and ECO 201.

ECO 325 Industrial Organization 3 Credits
Explores the relationship between market structure and performance. Topics include concentration in individual industries, product differentiation and entry barriers, pricing and marketing policies, and antitrust policies and their consequences.
Prerequisite(s): ECO 200 and ECO 201.

ECO 326 Economics of Sports 3 Credits
The overall objective of this course is to deepen student understanding of microeconomic principles by applying microeconomic concepts to the analysis of professional and amateur sports. This course will utilize concepts from many different microeconomic specialties, (primarily Industrial Organization, Labor Economics and Public Finance). The tools from these different microeconomic fields will be used to explain and analyze the operation of professional sports teams and leagues in the U.S. with an emphasis on baseball, football, basketball and hockey. International comparisons will be made between professional sports in the U.S. and the rest of the world. The course will also analyze the not-for-profit sports sector, focusing on college sports and the National Collegiate Athletic Association.
Prerequisite(s): ECO 201.

ECO 330 Labor Market Analysis 3 Credits
Intensive study of the economics of the labor market, which examines the determinants of labor supply and demand, and market equilibrium in the labor market. This enables the student to understand what determines wages, labor force participation, occupational choice, the extent of education and training, unemployment, poverty, union membership, and discrimination in the labor market.
Prerequisite(s): ECO 200 and ECO 201.

ECO 335 Economics of the Public Sector 3 Credits
Analyzes the economic roles of government: allocation; distribution; and stabilization. The course examines the tools used by governments, especially the federal government, such as taxation, expenditures, regulations and laws in order to achieve economic goals. The course will give special attention to social regulation.
Prerequisite(s): ECO 200 and ECO 201.

ECO 336 Economics of Health Care Sys 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomic tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.
Prerequisite(s): ECO 201 or HTH 205.

ECO 365 Post-Soviet Economy 3 Credits
Studies the contemporary post-Soviet economic system, with emphasis on institutions, policies and issues related to business opportunities in this area. Topics covered include the historic, geographic, political, and cultural setting, planning and plan implementation in the traditional system, current reforms and prospects for the future, with special reference to the foreign trade institutions and experience of foreign firms doing business in the post-Soviet Union and Eastern European countries.
Prerequisite(s): ECO 200 and ECO 201 or permission of instructor.

ECO 450 Seminar in Economic Research 3 Credits
Students in the course learn to conduct economic research by engaging in an actual community-based research project. At the beginning of the semester, students are assigned to a community-based organization. As a team, students meet with the client, devise a plan of action, collect and analyze data and other information, and write a report to the client. At the end of the semester, students present their findings to the client. Students are permitted to take ECO 450 up to two times for credit.
Prerequisite(s): Permission of instructor.

ECO 490 Independent Research and Study 3 Credits
Topic to be approved by professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.

ECO 491 Internship/Independent Study 3 Credits
This course is available to qualified economics majors and minors. Evaluation is based on a performance appraisal provided by the participating firm and a project/paper judged by the major's internship director. This course can be used as a business or free elective. Grading is done on a pass/fail basis.
Prerequisite(s): Permission of instructor.

Education Foundation (EDE)

Courses and Descriptions

EDE 200 Effective Classroom Management 3 Credits
Issues of classroom management often pose the biggest challenges for novice teachers. However, with the proper training many of these obstacles can be prevented, which results in more time spent on effective instruction. This course is based on two premises: (1) that most problems of classroom order can be prevented through the use of effective, research-based classroom management strategies, positive teacher-student relationships, and engaging instruction; and (2) that the goal of classroom management is the development of an environment conducive to both academic and social emotional learning. Given these premises, the course focuses not on disciplinary interventions designed to control students, but on ways of preventing disruptive behavior, creating a peaceful, caring community, resolving conflicts, and meeting the needs of diverse students through the use of effective motivational and instructional strategies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

EDE 225 Guided Field Experience in K-12 Classrooms 3 Credits
This is a field-based course in which students will spend an intensive three-week term in a designated school setting, mediated by University faculty. Students will participate in the daily routines of elementary, middle, or secondary schools. Field-site teachers will mentor students by articulating decisions that they make regarding classroom instruction and assessment. Students will meet regularly in seminar to analyze and discuss issues related to teaching and learning. This course will be offered J-Term, Summer I or other three week period.

EDE 226 Teaching and Managing in the Urban Classroom 3 Credits
This course focuses on teaching and managing K-12 classrooms in urban settings. Through four weeks of on-line instruction, students will learn key principles of classroom management and examine foundational issues that can underpin educational inequality, such as racial, ethnic and linguistic diversity, poverty, high student mobility and frequent teacher turnover. The course culminates with the Philadelphia Urban Seminar, a two-week residential experience (mediated by Rider University faculty) that includes ten days of intensive field experience in central Philadelphia classrooms, weekday seminars with faculty, and historical/cultural experiences and community service project activities on the weekend.

EDE 306 Thinking Critically with Data 1 Credits
This course will help students develop the kinds of data literacy skills needed for success in teaching. It will focus on five related that teachers need: (1) finding the relevant pieces of data in the data system or display available to them (data location); (2) understanding what the data signify (data comprehension); (3) figuring out what the data mean (data interpretation); (4) selecting an instructional approach that addresses the situation identified through the data (instructional decision making); (5).

EDE 307 Assessment in 21st Century Classrooms 1 Credits
This course offers an in-depth look at assessment to meet the need of 21st century teaching and learning. Students learn how to plan, develop, interpret, and manage valid assessments of student learning. Students will learn the following assessment-related skills and understandings: (1) the purpose of assessment in 21st century classrooms; (2), basics of assessments: reliability and validity; formative and summative assessment; alignment of assessments with objectives; and determining what can (what cannot) be reliably and validly assessed; (3) basics of rubric development; (4) holistic scoring; (5) assessment of critical thinking skills in diverse domains; (6) assesment of creativity in diverse domains. The course will be taught online.

EDE 375 Applications for Teaching Mathematics in Grades 4-5 1 Credits
This course will provide students the experience to share and learn about the practical applications of teaching mathematics to the 4th and 5th grade children as they are based on the field site classrooms of these grades. Students complete reflections about their work with mathematics and their observations of their cooperating teachers' lessons. The developmental aspect of math skills will be reviewed, looking at the Learning Progressions that are the basis for the new Common CORE State Standards. This course will provide an opportunity for students to have guidance in the teaching and learning of mathematics in the upper elementary grades. Upon completion of this course, students should have the knowledge, skills and confidence to meet the needs of all students, K-6. Prerequisite(s): ELD 375.
Corequisite(s): ELD 376 or ELD 308 or as prerequisite.

Education-UG (EDU)

Courses and Descriptions

EDU 101 First Year and Transfer Education Seminar 1 Credits
First year/transfer seminar provides an engaging orientation to the undergraduate teacher education program at Rider University. During this course, students new to the Department of Teacher Education will explore their beliefs about teaching, learning and school. This focus will be broken into four areas of inquiry that include: (a) What knowledge is of "greatest worth" for educators? (b) What is the purpose of a policy and who gets to make the decisions? (c) What is a "safe" school? (d) What role do unions and professional communities play in the lives of educators and children?.

EDU 106 Contexts Of Schooling 3 Credits
Students in this field-based course will begin to examine aims, practices, and contemporary issues of schooling in their historical, sociological, philosophical, and futuristic contexts and from the perspectives of various multicultural constituencies-- students, parents, local community, wider economic community, government, and the profession. In doing so, they will begin to develop professional skills of observation, reflection, analysis, and argument. This course must be taken concurrently with EDU 206. A cumulative GPA of 2.75 is required.

EDU 206 Developmental Education Psychology 3 Credits
This field-based course focuses on: a) the cognitive, personality, social, creative, and moral development of children and adolescents; b) influential theories, concepts, and research findings of educational psychology; and c) the translation of psychological theory into classroom practices. This course must be taken concurrently with EDU 106. A cumulative GPA of 2.75 is required.

EDU 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester. A cumulative GPA of 2.75 is required. NOTE: This course is cross-listed with FLE 320. Students cannot get credit for both FLE 320 and EDU 320.

EDU 358 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

EDU 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. A cumulative GPA of 2.75 is required. *NOTE: This course is cross-listed as FLE 420. Students cannot get credit for both FLE 420 and EDU 420.
Prerequisite(s): EDU 106 with a minimum grade of C+ or EDU 106 with a minimum grade of TR and EDU 206 with a minimum grade of C+ or EDU 206 with a minimum grade of TR.

EDU 451 Special Topics in Education 1-6 Credits
Student teachers, graduate interns, Rider faculty, cooperating teachers, and building-level administrators will engage in collaborative study of a topic through reading, writing, discussion, observation, and reflection on their work in classrooms. Work in these seminars will help student teachers synthesize knowledge from their professional courses and all participants extend their understanding of a particular topic pertaining to teaching. Teacher research methods will be employed as participants analyze their own teaching through perspectives of the seminar topic. Topics will vary each semester. This course is dual-listed for undergraduate and graduate credit. Enrollment is limited to students concurrently enrolled in student teaching and to cooperating teachers and principals working with them.

EDU 460 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal, and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing, and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study. A cumulative GPA of 2.75 is required.

EDU 465 Student Teaching and Seminar 12 Credits
A full-time program for seniors providing practical teaching experience in an accredited elementary or secondary school. Under the direct supervision of the cooperating teacher, student teachers are responsible for the planning of lessons and for teaching in their areas of specialization and for developing a high level of teaching competency. Supervisors from Rider observe the student teachers at work, confer with the cooperating teachers and student teachers, and evaluate the growth of the student teachers throughout the internship period. Special topics are considered in seminars held in conjunction with student teaching. These topics include school health and substance abuse, school law, teacher certification and placement, classroom management, mainstreaming, professionalism, and other topics deemed appropriate by the faculty and student teachers.
Prerequisite(s): 1. Satisfactory completion of junior-level professional courses; 2. Cumulative GPA of at least 3.0 prior to commencing the semester in which student teaching is to be completed; 3. All professional education courses, with the exception of those taken concurrently with student teaching, must be completed with a grade of "C +" or better; 4. A candidate for student teaching must be approved by the education division and the coordinator of student teaching. There is an additional fee for Student Teaching.

EDU 477 International Student Teaching 3 Credits
This course provides an immersion opportunity for student teachers to learn about the different cultures and the education system of other countries while living and teaching abroad. Students will explore topics such as global awareness, international curriculum, global educational issues, and pedagogy to support diverse student needs. Through seminar discussion, research, observation, reflection and practical experience, students will develop and share their understanding of diversity in an international setting to increase global awareness, inclusive practice, and professional skills to develop a culturally responsive classroom. A fee is required for this course.
Prerequisites: 3.25 GPA, letter of recommendation, successful completion of required PRAXIS exams, interview, essay, and successful completion of local student teaching. POI required.

Educational Technology (TEC)

Courses and Description

TEC 200 Google© Educator Level One Training 3 Credits
This course will provide the skills and knowledge for pre-service teachers in undergraduate education to successfully take the Google© Educator Level One Exam.

TEC 201 Internet Ethics 1 Credits
This course focuses on using the Internet to explore and reflect on current ethical issues involving technology. These include individual privacy, legal issues such as fair use and copyright laws, and social issues such as bullying and social networking. Students will explore these topics using a variety of search engines and will reflect on the information found in terms of its impact on society as well as its appropriate uses in personal life, education and business. Pass/fail.

TEC 202 Smartboard 1 Credits
This course is designed to provide an opportunity for students to become familiar with the features and applications of Smartboard, an interactive whiteboard that can be used in classrooms and professional presentations. Students will gain experience using the touch screen and in integrating the features of the program into learning and professional materials. Pass/fail.

TEC 203 Desktop Publishing and Web Page Design 1 Credits
This course provides students with the ability to use desktop publishing software to create materials suitable for use in classrooms, professional settings, and personal use, and with the ability to design web pages. The course is appropriate for anyone who will be involved in designing classroom and student publications and for those who will use web pages in their teaching or personal lives. Discussion will be held on how to use desktop publishing and web page design in elementary and secondary school settings. A project involving application of various desktop publishing and web page design techniques will be completed and demonstrated to the class. Pass/fail.

TEC 204 Electronic Spreadsheets and Classroom Management Software 1 Credits
Basic electronic spreadsheet concepts and applications are taught using a major spreadsheet program. Topics include writing basic formulas, copying formulas, playing "What If," customizing a worksheet, and printing a spreadsheet. Discussions will be held on how to integrate spreadsheets into elementary and secondary classes and activities. Pass/fail.

TEC 206 Teaching and Presenting with Technology 1 Credits
This course covers designing, planning, and using technology enhanced instruction and presentations. Group assignments will enable students to explore uses of technology to enhance instruction and presentations. Collaboration will be encouraged when discussing the efficient and effective use of technology. Three collaborative group reports will be submitted dealing with discussion questions and chapter topics. Appropriate web sites and programs will be visited. Students will design a final original application that could be used to create motivation and visual learning in a specific classroom or other professional setting related to their major areas of study. Emphasis will be given to technology integration strategies. A final oral presentation of individual projects will be given.

TEC 207 Social Media for Education 3 Credits
Social Media for Education will introduce students to the structure and culture of social media and how social networking applies to the educational environment. This three-credit course will foster a deep understanding of how social media in education can benefit students, teachers, administrators, staff, and stakeholders.

TEC 307 Concepts Instuct Media & Tech 3 Credits
Designed to provide the student with familiarity and appreciation of the role of educational technology in the workplace as it applies to students, teachers, administrators, and trainers. The student will explore the Internet, various educational multimedia, distance learning, virtual reality environments, learning theories, and integration models. Appropriate developmental/reflective strategies will be incorporated with instruction. Although multimedia microcomputers will be utilized throughout the course, prior microcomputer knowledge and experience is not a critical element. Multimedia expertise will be developed as the course progresses.

TEC 308 Digital Tools for Teaching 3 Credits
Designed to enable the student to develop instructional presentations utilizing the advantages of multimedia technology. Each student will be required to create a multimedia portfolio that contains information presentations, cumulative records, presenter notes, work samples, photo library, video animation, and audio narration. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail. Expertise will be developed as the course progresses.

TEC 309 Instruct Media/Technology Management 3 Credits
Designed to develop technology management skills that can be used for individual classrooms, training centers, subject area specializations, grade levels, school laboratories, curriculum integration, administrative functions, system networks, community services, communication systems and connecting linkages between educational/work environments and home. Various management strategies will be explored and each student will have an opportunity to design, via a multimedia microcomputer, an instructional technology system of their choice along with a management plan. Cooperative learning strategies will be utilized throughout the course. Developmental/reflective strategies will include self-reflection, peer feedback, and interaction with the instructor in class and via E-mail.
Prerequisite(s): At least six semester hours of technology courses or modules.

TEC 404 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners.
Prerequisite: SPE 201 or SPE 300.

TEC 407 New Literacies for New Learning 3 Credits
As we consider the rapid expansion of information and text it is timely to take a critical view of what literacy means and how it is influencing children's literacy development and the work of educators. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid/online course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for children's literacy development as well our own work as educators.

TEC 490 Independent Research and Study 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hours credit to be assigned is determined by the department.

Elementary Education (ELD)

Courses and Descriptions

ELD 128 Developing Mathematical Ideas for Elementary School Teachers 1 Credits
Prospective teachers will examine the mathematics content and curriculum that is taught in grades K-6, focusing upon the multi-layered aspects of the topics that successful elementary teachers need to understand profoundly in order to provide appropriate instruction. There will be a series of topics selected from those that have historically been especially difficult for teachers to thoroughly understand at the depth needed to teach effectively. Some of the topics may vary each semester.

ELD 307 Emergent Literacy P-3 3 Credits
This course is needed to meet the requirements for the specialized endorsement in Early Childhood. The course establishes a solid foundation of knowledge about literacy in the early years and dispels myths regarding readiness to read and write. In addition, the course contains the foundational aspects of literacy, including the relationship between oral language and literacy, the linguistic foundation of literacy, and the social contexts of literacy learning. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 308 Fostering Language and Literacy Development 3 Credits
Explores current understanding of the fields of reading/language arts from the perspectives of theory and practice. Students write lesson plans, critique methods of instruction and assessment and develop a portfolio of an individual student from their field site. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206; ELD 307.

ELD 350 Early Adolescence 1 Credits
This course will focus on common dilemmas faced by young people as they move from childhood into adolescence. It will examine age-related differences between children and adolescents and consider ways to create stimulating environments that fit this developmental transition. Representations of adolescence in the media and in research will be compared, including common stereotypes.

ELD 355 Teaching in the Inclusive Middle School Classroom 1 Credits
This course will highlight the legal and ethical responsibilities of general education teachers in the middle school classroom. The special education process will be discussed and methods to address special needs in the classroom will be shared. Strategies to differentiate instruction and work collaboratively with school community members will help pre-service teachers develop and implement effective instruction that meets diverse needs in the middle school inclusive classroom.
Prerequisite(s): EDU 106 and EDU 206 and a cumulative GPA of 2.75 is required.

ELD 360 Structure and Culture of Middle School Classroom 1 Credits
This course focuses on the teaching of those concepts critical to the understanding of the structure and culture of middle school education. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 375 Methods of Teaching Mathematics in Elementary Classrooms 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students from nursery to grade eight. In keeping with ACET, NAEYC, and NCTM Standards, emphasis is placed on planning for and implementing an integrated curriculum approach, discovery learning, hands-on experience, theme cycles, use of technology, and traditional and non-traditional assessment strategies. Field experiences will consist of classroom observations and teaching individuals and/or small groups of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206, MTH 102 or MTH 105 or MTH 150 or MTH 210.

ELD 376 Teaching Science, Social Studies and the Arts N-6 3 Credits
This course focuses on methods and materials of instruction in science, social studies, and the arts that are developmentally appropriate for students in preschool through grade six (based on NCSS, NSTA, and NAEA Standards). Emphasis is placed on an integrated approach to curriculum, with lesson and unit planning activities that incorporate hands-on-experiences, discovery learning and traditional and non-traditional assessment strategies. Field experience will consist of observation and analysis of classroom instruction and the teaching of lessons to individual and/or small groups of children. A cumulative GPA of 2.75 is required.
Prerequisite(s): ELD 307 and ELD 375.

ELD 380 Methods of Teaching Mathematics in the Middle School 3 Credits
This course focuses on the teaching of mathematics that is developmentally appropriate for students in grades six through eight. In keeping with the National Council of Teachers of Mathematics (NCTM) Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experience, use of technology, and traditional and non-traditional assessment. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 385 Teaching Science in the Middle School 3 Credits
This course focuses on the teaching of sciences that is developmentally appropriate for students in grades six through eight. In keeping with the National Science Education Standards, emphasis is placed on planning for and implementing an inquiry-based approach, hands-on experiences, use of technology and traditional and non-traditional assessment strategies. Field experiences will consist of observations and teaching to individuals, small groups and whole classes of students. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 390 Teaching Social Studies in the Middle School 3 Credits
This course focuses on the teaching of social studies that is developmentally appropriate for students in grades six through eight. Its focus will explore understanding of United States history, geography and civics from the perspective of the middle school. The course emphasizes the ten themes of social studies as developed by the National Council for the Social Studies. In addition to the facts, concepts and generalizations encompassed by the ten themes, the course works with academic, social, thinking and citizenship skills. The required, intensive field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 395 Literacy Learning in the Middle School 3 Credits
This course focuses on the teaching of literacy that is developmentally appropriate for students in grades six through eight. It explores processes in reading, writing, speaking, listening and viewing, relationships among the language arts and other subject areas, and the development of critical literacy and cognitive strategies. The intense field experience in a middle school promotes direct application of the concepts, skills and dispositions addressed in the course. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ELD 490 Independent Study: Research and Creative Expression 1-6 Credits
Provides the student with an opportunity to study an area of personal interest. The outline for the study must be accepted by a sponsoring professor and approved by the student's department and academic dean. The number of semester hour's credit to be assigned is determined by the department.

English (ENG)

Courses and Descriptions

ENG 205 Understanding Literature 3 Credits
The novel, the short story, drama, and poetry are studied, with a view to the insights to be gained from literature. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 206 Introduction to Creative Writing 3 Credits
A workshop that introduces students to basic conventions and techniques of creative writing. Students will read and study published writing in multiple genres, such as short fiction, drama, poetry, and creative nonfiction, and write and revise their own creative pieces.

ENG 208 Arthurian Legends in Literature 3 Credits
The legends attached to King Arthur and the Knights of the Round Table have become cultural touchstones in England and the United States. This survey of medieval to contemporary Arthurian literature examines the legends and their written versions within their respective cultural, historical, philosophical and aesthetic contexts.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 210 Major American Authors 3 Credits
An introductory course focusing on major American poets, novelists, essayists, and playwrights. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 211 Major British Authors 3 Credits
An introductory course focusing on major British poets, novelists, essayists, and playwrights. Students will learn to understand, interpret, and evaluate literary works.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 213 Literature and Mythology 3 Credits
The interrelationships that exist between literary works and folklore, ritual, and religious scriptures and beliefs are explored. The primary emphasis is on analyzing the presence of mythic patterns in specific literary works; the secondary emphasis is on theories of mythology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 214 Monsters in Literature 3 Credits
This course examines various texts on the topic of monsters. Students read and watch films, and explore the answers to the following: Who are they? Undead, alien, satanic, outcast, hidden, hostile, tragic. Where are they? Crossroads, arctic wastes, moors, abandoned buildings, forests, outer reaches, inside. What do they want? Revenge, bodies, lives, escape, life, contact, humanity. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 215 Satire and Comedy 3 Credits
Explores these two related modes of literature with the primary emphasis on satire. Possible readings include works by Euripedes, Jonson, Shakespeare, Moliere, Voltaire, Pope, Swift, Dickens, Twain, Wilde, Waugh, Orwell, and Heller.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 217 Introduction To Shakespeare 3 Credits
Students in this course study Shakespearean drama on an introductory level through close reading, analysis, and discussion of selected plays. They learn the relevance and importance of Shakespeare's themes, characterizations, and imagery. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 218 Literature and the Environment 3 Credits
Students examine literature on important environmental issues, such as climate change, pollution, dams, oil pipelines, and nuclear energy. The class focuses on how literature, which may include fiction, poetry, drama, and essays, helps readers understand and grapple with these complex global challenges.

ENG 219 Literature and Violence 3 Credits
This course will examine and critique themes of violence that have become a pervasive and recurring artistic thread in classic literary texts. Through careful, close textual readings and critical analyses of thematically selected texts that contain multiple artistic representations of violence in varied literary genres, students will explore literary violence as a possible metaphor for understanding dimensions of power, control and dominance. In analytical studies of thematically selected texts, students will gain new insights and critical perspectives on modern American society and the social causes and ills of violence. Students will delve into the root, cause and meaning of violence and they will further grow to understand why and how violence still maintains a pervasive presence in their daily lives and in the very literature they read. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 220 Literature & Society 3 Credits
Literature is examined, emphasizing human behavior as it relates to such social phenomena as war, alienation, social disorganization, injustice, and poverty. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 221 Literature and Psychology 3 Credits
Students will study Freudian and other psychoanalytical concepts as they appear in literature, plus psychological patterns of behavior such as aggression, frustration, and submission, that have been utilized by creative literary artists to expand the reader's understanding of the human experience. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 222 Crime and Literature 3 Credits
This introductory course focuses on representations of crime in novels and short stories. The primary goal of this course is to equip you with the basic tools you need to interpret fiction. Examining how narrative elements such as plot, character, point of view, and setting function in literature will enable you to analyze, not just comprehend and summarize, fiction. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 224 Science Fiction 3 Credits
This course is designed to introduce students to science fiction, its major themes and preoccupations, as well as some of its significant authors and genres. It has been argued that science fiction or "speculative" fiction represents a viable way to make sense of our everyday world. Our primary focus, therefore, will be on how these texts--written and visual--help us understand our culture and ourselves through encounters with alien and unfamiliar worlds, species, and technology. By the end of the course, students are expected to be able to critically engage with science fiction, and to identify its broad cultural impact. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 226 Introduction to Film 3 Credits
Focuses on various cinematic techniques used to develop underlying thematic and symbolic concepts and to shape viewer response. Students will analyze classical and contemporary features for their masterful use of visual language.

ENG 228 Black American Lit 3 Credits
A survey of writings by black Americans, presented historically from early slave narratives through emancipation, reconstruction, the Harlem Renaissance, and literature from the 1930s to the present. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 229 Multi-Ethnic Literature in America 3 Credits
Surveys the literature of various ethnic groups including African Americans, American Indians, Asian Americans, Hispanic Americans, Jewish Americans and European Americans. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 230 Women In Literature 3 Credits
A range of literary presentations of the female experience and of the conditions of women's lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 236 Applied Grammar & Syntax 3 Credits
This course offers a review of the essential elements of English grammar and syntax and fosters understanding of how these elements work in notable argumentative and expository writing as well as in the student's own compositions. Focus is on both expert reading and effective writing. Changing attitudes toward usage, including influence of digital media on language use, are discussed. May be taken as preparation for, or independently of ENG 336, which addresses grammar, syntax, and style at a more advanced level.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 240 Contemporary Literary Lenses 3 Credits
This class teaches students to read literary and other cultural texts through a range of lenses including psychoanalysis, theories of gender and sexuality, social class and ideology, and race and ethnicity. Required of all English literature and writing majors, and literature minors.

ENG 245 Creativity 3 Credits
This course is an introduction to the history of literary creativity and the related topics of invention, genius, imagination, and originality. It examines theories of literary creativity throughout history from ancient ideas about the origins of inventiveness to recent theories. It looks at select works in English and other sources, and it looks at the subject of creativity in poetic, prose, and dramatic works.
Prerequisite(s): English Literature majors should take all Gateway Courses before they take 300- and 400- level courses.

ENG 250 Literary History I 3 Credits
Surveys British literature beginning with the old English epic of Beowulf and ending in 1785. Students analyze diverse works of literature from different genres, movements, and periods while taking into account historical context. Students learn to analyze literature using formal strategies and terms, and to develop arguments about literature. All English majors and writing concentration minors must take this course. Literature and cinema studies concentration minors must take either ENG 250 or 251. Students are advised to take this course prior to upper-level English courses.

ENG 251 Literary History II 3 Credits
Surveys literature in English since 1785. Students analyze diverse works of literature from different genres, movements, and periods while taking into account historical context. Students learn to analyze literature using formal strategies and terms, and to develop arguments about literature. All English majors and writing concentration minors must take this course. Literature and cinema studies concentration minors must take either ENG 250 or 251. Students are advised to take this course prior to upper-level English courses..
Prerequisite(s): ENG 250 or permission of the instructor or chairperson.

ENG 270 Major Poets 3 Credits
Studies major American and British poets.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 275 Posthumanism: Bodies and Technology in Literature 3 Credits
This course explores the concept of posthumanism in speculative and futuristic literature. Who counts as human? How do advances in science and technology change what it means to be human? How much can we change our bodies before we stop being human? Categories of posthumanism that may be explored include virtual reality, cybercultures, and bodily transcendence; cyborgs; body modification, duplication, and replacement; cloning; genetic engineering; and postapocalyptic/ ecocritical narratives.

ENG 280 Special Topics in Literature 3 Credits
Uses literary works to achieve insights into different areas of human experience. Topics change annually as announced by the English department.

ENG 281 Global Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From silent comedy and melodrama to German Expressionism and Soviet activist cinema; from French poetic realism and Italian Neo-realism to Hollywood sound cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. ENG 281 is crosslisted with FMS 250 and this course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

ENG 282 Global Film History: 1961 to Present 3 Credits
Examines major technological, industrial and aesthetic developments in both American and international cinema of the period. From the decline of the studio system and the emergence of the 'New Hollywood' to the digital revolution; from the renaissance in Western and Eastern European cinemas to Latin American, Asian, and Middle Eastern cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. ENG 282 is crosslisted with FMS 251 and fulfills the general education global perspectives requirement.

ENG 284 Language of Film Analysis 3 Credits
Provides students with the fundamentals necessary for achieving beginning proficiency in methods of cinema studies scholarship. The course provides an in-depth introduction to concepts of film analysis, theory, and history, as well as to the field of cinema studies as an academic discipline. Through close analysis of selected films and readings, students will examine the various and complex ways in which formal elements shape meaning. Students also will study key concepts in film theory, applying these concepts as a further means of understanding the ways in which film positions viewers and mediates ideology. Required of all English majors and minors with a cinema studies concentration. ENG 284 is crosslisted with FMS 284.

ENG 285 American Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in American cinema as it grew from the days of one-reel silent shorts exhibited in storefront theaters through the days of studio productions exhibited in lavish picture palaces and featuring iconic stars the system manufactured and promoted. From the inception of sound and color, to the later development of lightweight equipment that freed filmmakers from the confines of the studio, from the “golden age” to the gradual decline of the Hollywood studio system in the 1950s, we will study the lasting genres that grew out of the system, the filmmakers who flourished and those who rebelled against the system, and the ground-breaking films that established the American film industry as a dominant force within the world. ENG 285 is crosslisted with FMS 252.

ENG 286 American Film History: 1961 to Present 3 Credits
Examines the transitions of Hollywood in the post-studio era— the rise of the 1960’s-1970s New Hollywood and its ground-breaking films, the rise of the blockbuster as an industry standard; the responses of independent filmmakers and the avant-garde to blockbuster dominance; the transition from the Production Code to the ratings system, the move back to studio-owned theaters, and the emergence of digital cinema and CGI. We will look at how genres are being redefined, how major filmmakers are re-shaping their work to fit 21st century demands, how “gaming,” YouTube, and other media sources are altering the very definition of cinema.

ENG 290 The Short Story 3 Credits
Presents the development of the short story from the 19th century to the present with an emphasis on the techniques of plot, setting, characterization, theme, and point of view. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENG 295 Human Relationships in Literature (HONORS) 3 Credits
Through in-depth analysis of significant pairs of literary works from a variety of time periods, students in this honors course will study the dynamics of human relationships as they are presented in literature. Emphasis will be on portrayal of interpersonal relationships as inflected by conventions, constraints, and taboos. Social and psychological theories will complement esthetic and formal analysis of fiction, drama, poetry, and film. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): 3.3 GPA.

ENG 303 Creative Writing: Poetry 3 Credits
A workshop analyzing the techniques of poetic expression, with a focus on the student's original experiments in traditional and contemporary verse forms.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 304 Creative Writing: Fiction 3 Credits
Students write original fiction and analyze the techniques of writing fiction in discussion of both their own drafts and published examples of the form.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 305 Creative Writing: Nonfiction 3 Credits
A workshop in Creative Nonfiction (aka Literary Nonfiction or Narrative Nonfiction, abbreviated CNF) in which students will write and read different forms of memoir and essay, including Personal Essay, Lyric Essay, Travel Writing, Oral History, and Personal Profiles. Creative Nonfiction (CNF) tells true stories using the literary techniques of fiction-writing, such as building dramatic scenes, establishing suspense, and developing a narrative sequence of events, or plot. CNF employs vivid sensory detail and builds characters and scenes to enhance the reader's experience of the story. Challenging the traditional journalist's stance of objectivity and emotional distance from her topics, CNF writers often put themselves into their stories to create a voice of reflection. We'll talk about what types of creative license CNF gives writers, and also about the ethics of storytelling, especially when your story's characters are real, living people.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 306 Creative Writing: Drama 3 Credits
Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and countercultures, popular commemorations like World's Fairs, and political culture. Some of the largest trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.

ENG 311 Creative Writing: Playwriting 3 Credits
A workshop teaching and analyzing how students write for the stage that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for theatrical performance. A portfolio of revisions will serve as a final for the course.

ENG 312 Creative Writing: Screenwriting 3 Credits
A workshop teaching and analyzing how students write for the screen, both television and film, that pays particular attention to the demands of the genre. Through reading and writing assignments, students will discuss and analyze the development of their own dramatic scripts for production. A portfolio of revisions will serve as a final for the course.

ENG 313 Creative Writing: Experimental Writing 3 Credits
A creative writing workshop dedicated to developing a wider range of literary techniques. For the purposes of this course, Experimental Writing is defined as writing that departs -- in form, structure, or style -- from the conventions of literary realism. Students will demonstrate proficiency in writing and reading experimental fiction, nonfiction, and poetry, with an emphasis on experimental narrative techniques such as metafiction, magic realism, the unreliable narrator, multi-genre and hybrid forms (works that blur the lines between poetry and prose, for example), nonlinear storytelling, fragmentation, and poetic techniques such as found text and readymades, self-imposed constraints, and the collage or mashup.

ENG 315 Topics in Specialized Writing 3 Credits
A workshop in which students will write on specialized topics chosen by the instructor.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 316 Theories of Writing & Tutoring 3 Credits
A workshop on writing and tutoring theory for students interested in becoming writing tutors or teachers.
Prerequisite(s): minimum GPA 3.0, sophomore standing, and permission of the instructor.

ENG 318 Food Writing 3 Credits
Food Writing is a thematically based course in essay writing. It develops students' ability to write effective informal prose while also extending their knowledge about food sources, preparation, and consumption. They learn through readings and exercises, however, that food writing is about more than food. It encompasses the pleasures of the table, history, culture, science, and politics.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 320 Editing for Literary Publishing 3 Credits
This course introduces students to the process of publishing literary magazines and books. Student will learn all aspects of publishing from solicitation of manuscripts to the production of copy. Specific skills will include copyediting, proofreading, and layout.

ENG 321 Business and Professional Contexts 3 Credits
Students practice writing effectively to achieve specific purposes in typical business and professional workplace environments. Genres include various kinds of internal and external communication, including print and social media, for a range of audiences.
Prerequisite(s): CMP 125 or COM 203 or BHP 150 or permission of instructor.

ENG 322 Grant Proposals, Fundraising and Development 3 Credits
Students employ their analytical and writing skills to research and write grants for non-profit organizations in their local or regional communities. Fundraising and development activities on behalf of area organizations introduce them to career opportunities in this growing field.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 323 Reviewing and Publishing 3 Credits
Students learn to write arts and literary criticism through studying the work of prominent critics in literature, theatre, film, dance, visual arts, and music. Students learn how to market themselves as potential reviewers for print and online publications.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 324 Writing for Online Audiences 3 Credits
This course will help students adapt their writing to online environments. A writing- intensive course grounded in rhetorical principles, it focuses upon planning, writing and producing online texts distributed entirely through virtual portals. Genres include E-mail, instant messages, text messages, blogs, wikis, workplace social-media, and online team collaborations.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150 or permission of instructor.

ENG 325 Jobs in Book Publishing 3 Credits
Students will practice the forms of writing used by literary agents and publishing professionals working in acquisitions, editorial, and production at trade, academic, and small literary presses. These forms may include the query letter, book proposal, reader's report, and marketing plan.
Prerequisite(s): Completion of composition requirements or permission of instructor.

ENG 326 Editing for Academic Publishing 3 Credits
The course will provide an overview of academic publishing with an emphasis on peer-reviewed scholarly journals. Students will learn firsthand the process of publishing a scholarly journal, from soliciting manuscripts to laying out copy. Assignments may include mastering the standard system of proofreading marks; copyediting, fact-checking and source-checking manuscripts; and correcting page proofs. Students will learn about style sheets, style manuals and reference books; document management; and professional communication standards for querying authors and reviewers.
Prerequisite(s): completion of composition requirements (CMP 125, CMP 203, or BHP 150 with a grade of C) or permission of instructor.

ENG 331 Fantasy and Fable in Medieval Literature 3 Credits
A study of monsters, fairies, magical women, green men, and more in medieval literature. From divine to bawdy, the stories and lyrics cover diverse themes and styles.

ENG 332 British Literature, 20th-Century to Present 3 Credits
A seminar on literature in the United Kingdom from 1900 to the present, emphasizing formal experiments as well as historical contexts, and including such writers as Joyce, Woolf, Beckett, Rhys, Eliot, and Ishiguro.

ENG 333 16th-Century Literature 3 Credits
A seminar on Renaissance literature including such writers as More, Wyatt, Surrey, Spenser, Sidney, Shakespeare, and Marlowe.

ENG 335 17th-Century Literature 3 Credits
A seminar on literature in England from 1600 to 1660, including such writers as Donne, Jonson, Browne, Herbert, and Marvell.

ENG 336 Grammar and Style 3 Credits
By building a comprehensive knowledge of the conventions of English grammar, punctuation and syntax, students will learn how to analyze the way words, phrases, sentences, and paragraphs work in expert writing, and they will apply this knowledge to their own writing. Emphasis is on argument, exposition, and analysis.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 337 Global Literature 3 Credits
A study of the recent literature, in English, of one or more writers whose cultural identification is with one of the former colonies of the British Empire, as it was defined at the beginning of the 20th century. Literature in the English language, written by authors of African, Caribbean, Pacific Island, East Asian, or South Asian cultures may be included.

ENG 340 Restoration & 18th Century Literature 3 Credits
An exploration of literature in England from 1660 to 1800, including such writers as Astell, Pope, Finch, Swift, Defoe, Fielding, Johnson, and Wollstonecraft.

ENG 344 Gods and Monsters: Biblical and Classical Influence in Literature 3 Credits
This course surveys biblical and classical influences on western literature and beyond, analyzing adaptations of seminal texts with special attention to gender, race, and sexuality. We will read selections from the Old and New Testaments, Homer, Sophocles, Virgil, Ovid, and Dante (to name a few) as well as adaptations of that material by popular writers, artists, and musicians.

ENG 345 Romantic Literature 3 Credits
A seminar on literature in England from 1780-1830, emphasizing a close study of the poetry of Blake, Wordsworth, Coleridge, Shelley, Byron, and Keats, as well as important novelists and female poets of the period.

ENG 346 Victorian Literature,1830-1900 3 Credits
A seminar on literature in England from 1830 to 1900, emphasizing close study of the literary culture, including such writers as Dickens, Browning, Mill, and Ruskin.

ENG 347 20th-Century British Literature 3 Credits
A seminar on literature in the United Kingdom from 1900 to 1960, emphasizing formal experiments as well as historical contexts, and including such writers as Joyce, Woolf, Beckett, Rhys, Delaney, and Eliot.

ENG 348 Contemporary British Literature 3 Credits
A study of contemporary literature written in English after 1945, in the U.K. and elsewhere, by writers of British, Irish, Scots, Welsh, and other cultural traditions. Poetry, fiction, literary essays, and drama will be included.

ENG 350 Sex and Sin in Early American Literature 3 Credits
A seminar on literature in the United States from its beginnings to 1800, emphasizing the changing and conflicted nature of religious beliefs and sexual identities in Early America. Students will read and analyze diverse literary genres including diaries, letters, essays, novels, short stories, poems, and sermons.

ENG 351 19th-Century American Literature 3 Credits
A seminar on literature in the United States from 1800 to 1900, emphasizing literary genres and the definition of an American literature as distinct from English literature.

ENG 353 Contemporary American Literature 3 Credits
A seminar on American literature from 1945 to the present.

ENG 354 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 355 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 356 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 357 American Literature, 20th century to Present 3 Credits
"A seminar on American literature from 1900 to the present, including such writers as O'Neill, Hemingway, Faulkner, Richard Wright, Stevens, Moore, and Williams, and Morrison.".

ENG 361 Selected Topics in English 3 Credits
Exploration of special topics, themes or methodologies in English. This course may be repeated for credit on different topics.

ENG 362 The Novel 3 Credits
A close reading of novels from various historical periods and cultures.

ENG 363 The Drama 3 Credits
A close reading of drama, with attention to cultural contexts and the genres of tragedy and comedy.

ENG 364 The Poem 3 Credits
A close reading of poetry, with attention to historical periods and poetic genres.

ENG 365 Short Fiction 3 Credits
A close reading of short fiction from a variety of cultures, with attention to the various genres of short fiction: short-short, short story, long story, and novella.

ENG 366 Black and Multi-Ethnic Literature 3 Credits
A Survey of the literary writings of selected writers of Black and Multi-Ethnic America. Writers may include Zora Neale Hurston, Dorothy West, Maxine Hong Kingston, Anzia Yezierska, Louise Erdrich, Don Lee and Amy Tan.

ENG 371 Classics of Children's Literature 3 Credits
An analytic study of classic and contemporary literature for children. Students will be introduced to a variety of critical approaches, including psychoanalytic, social/historical and feminist. The course may be of particular interest, but is not restricted, to students majoring in education or psychology.

ENG 372 Children's Literature: The Adolescent Experience 3 Credits
A study of enduring literature examines how exemplary writers chronicle the challenges of growing up. Texts may include influential Young Adult fiction, classics such as The Catcher in the Rye and To Kill a Mockingbird, and contemporary fiction by important writers who focus on the relevant themes.

ENG 375 Literature and Sexuality 3 Credits
The study and application of theories of gender and sexuality in various periods of British and/or American literature. Possible course topics include the literature of AIDS, the literary history of sexuality, Gothic literature and sexuality, colonialism and desire, and sensibility and sexuality in the later 18th century.

ENG 381 Studies in Film Genre 3 Credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology. Note: This course is cross-listed as FMS 381. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that genres studied will rotate.

ENG 382 Comparative Film Directors 3 Credits
Provides an in-depth comparative study of major American, international, independent and avant-garde filmmakers. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing the work of individual directors and will draw meaningful comparisons among directors sharing similar aesthetic and thematic approaches. Students will trace the artistic development of directors through their careers, assessing individual works in the context of film criticism and theory, and in the context of multi-layered intertextual influences. Note: This course is cross-listed as FMS 382. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that directors studied will rotate.

ENG 383 Global Cinemas 3 Credits
Provides an in-depth study of the history and defining characteristics of national cinemas. Through close analysis of selected films and readings, students will examine the general movements within the history and development of various national cinemas, with attention to film historiography when considering how patterns are to be viewed in light of the culture, politics, and history of a particular producing nation. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as FMS 383. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that national cinemas studied will rotate.

ENG 384 Film Adaptation 3 Credits
Provides an in-depth study of intertextual influence, as film enters into "dialogue" with various literary forms. Through close analysis of selected films and various forms of literature-including novels, graphic novels, short stories, plays, poetry, and journalism- students will study the aesthetic specificity of both film and literary genres and will analyze the transformative qualities at play when a work is adapted from page or stage to screen. Note: This course is cross-listed as FMS 384.

ENG 400 Creative Writing: Advanced Creative Writing 3 Credits
An advanced workshop in creative writing.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 405 Advanced Prose Style 3 Credits
Students analyze prose styles in English from the Renaissance to the present, focusing on the development of syntax, diction, and content. Students will be encouraged to imitate stylistic models and to develop their own prose style.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 407 Advanced Workplace Writing 3 Credits
Students will learn to adapt their writing skills to match specialized writing needs in publishing; corporate and personal finance; health, medicine, science, and technology. This course helps students build a portfolio and introduces them to corporate and freelance writing opportunities in our NJ/PA/NY area.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 411 History of the English Language 3 Credits
A seminar on the historical development of the English language, including phonetics, diversity, and present-day usage.

ENG 425 Seminar in Shakespeare 3 Credits
A seminar on Shakespearean drama and poetry.

ENG 435 Seminar In Milton 3 Credits
A seminar on Milton's lyric poetry, Samson Agonistes, Paradise Lost, and prose.

ENG 440 Seminar in Selected Major Authors 3 Credits
Seminar focusing on literature by one or two authors.

ENG 441 Seminar in American Literature 3 Credits
A seminar focusing on literature by one writer or by a small group of writers.

ENG 443 Seminar in Literary Modernism 3 Credits
A seminar on literature from 1900 to 1940, by British, Irish, and American writers such as Hardy, Yeats, Woolf, Joyce, Eliot, Williams, Hurston, and Faulkner.

ENG 445 Seminar in Black/Multi-Ethnic Literature 3 Credits
A seminar focusing on literature by black, Native American, Hispanic, Asian American and first-generation immigrant writers.

ENG 455 Seminar in Chaucer 3 Credits
An examination of Geoffrey Chaucer's writings from a number of critical perspectives, including close reading of the texts in Middle English, context and history, gender and sexuality, linguistics, and paleography and codicology.

ENG 465 James Joyce 3 Credits
This course will offer advanced English majors an in-depth exploration of the fiction of James Joyce with a particular focus on Joyce's novel Ulysses, considered one of the most (if not the most) important novels written in the twentieth century. Through a carefully scaffolded reading of Joyce's challenging work, students will explore the technical, aesthetic, and social innovations of modernist fiction and its contemporary and continuing cultural impact; recognize and articulate classical, biographical, and cultural influences on Joyce's work; and understand how editors, publishers, critics, and readers contribute to the production of seminal works of literature.

ENG 484 Seminar in Cinema Studies 3 Credits
Provides an in-depth study of areas central to discussion and debate in the field of cinema studies (such as film violence, cinema censorship, feminism and film, post-colonial cinema, African- American cinema, blaxploitation, The French New Wave, and Italian Neorealism, among others). Through close analysis of selected films and readings, students will examine the impact of specialized influential movements in film history and in film theory and criticism. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as FMS 484. Although students may not get credit for both ENG 381 and FMS 381 in a single semester, they may repeat this course in future semesters, given that topics in the field of cinema studies will rotate.

ENG 485 Cinema Studies for Teachers 3 Credits
Designed for teachers and education students who (will) use film in their classrooms, ENG 485 provides approaches to teaching basic film analysis; approaches to helping students recognize the permeable boundaries between film, culture, and ideology; and approaches to understanding selected issues crucial in cinema studies as a field of scholarly study. The course provides teachers and prospective teachers with various methodological approaches and flexible uses of fiction and documentary films across the curriculum, whether to supplement or reinforce existing curricula or in stand-alone courses devoted to the study of film.

ENG 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. To count toward the Certificate in Workplace Writing, an ENG 490 project must focus on workplace-related writing and be structured to include substantial formative feedback and revision. No more than one ENG 490 may be counted toward the certificate.
Prerequisite(s): completion of composition requirements or permission of instructor.

ENG 491 Internship in Writing and Publishing 1-6 Credits
Students work under the supervision of English faculty and on-site supervisors to complete real- world assignments in writing, publishing, and cinema studies. Their performance is assessed by professional standards. A minimum of 48 hours of field work per credit is required. Students report to faculty and on-site supervisors regularly, submit all work required by on-site supervisors, maintain a log, and complete a final report. Three credits required to count toward English writing concentration. Restricted to juniors and seniors.

ENG 497 Advanced Study 3 Credits
Qualified majors may apply for honors in their senior year. Upon approval from the department of English, a candidate for honors enrolls in Advanced Study, writes a thesis, and submits it for departmental approval. The student must achieve a course grade of "B+" or better to be graduated with honors in English.
Prerequisite(s): senior standing; 3.5 GPA in English; 3.25 cumulative GPA.

English Composition (CMP)

Courses and Descriptions

CMP 100 Intro to College Writing 3 Credits
Students will develop their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. Pass or fail.

CMP 100S Intro to College Writing 1-3 Credits
Students will develop their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. Pass or fail.

CMP 115 Intro to Expository Writing 3 Credits
Students will develop college-level skills in critical reading of challenging texts and in writing expository essays responding to those texts.This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): SAT EBRW score less than 550 or ACT English score less.

CMP 120 Seminar in Writing and Rhetoric 3 Credits
Students will increase their competence in the critical reading of challenging college-level texts that engage significant ideas and in writing effective essays that advance a clear and meaningful thesis while demonstrating understanding of those texts. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.

CMP 125 Seminar in Writing and Research 3 Credits
Introduces students to the process of library research and documented writing. Emphasis will be on the refinement of critical reading, thinking, and writing strategies applied to multiple sources and documented papers. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CMP 120 or BHP 100.

CMP 203 Literature and Composition 3 Credits
Students will write research papers and do library research through the use of literary materials. The course emphasizes increasing the comprehension of ideas and experiences by means of selected readings.This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): CMP 203 is open to students who receive a grade of "A" or "B" in CMP 120; it may be used as a substitute for CMP 125.

Entrepreneurial Studies (ENT)

Courses and Descriptions

ENT 100 Innovation and Entrepreneurship 3 Credits
This course provides students with an introduction to creativity, innovation, and the concept of an entrepreneurial mindset. Students explore the excitement and challenges faced by individuals and businesses as they create, develop, and evaluate innovative business opportunities. We also discuss the probable paths of career development for students pursuing entrepreneurship. In this course, students evaluate their own views of innovation and entrepreneurship within the framework of entrepreneurial thinking, and putting this mindset into action.

ENT 210 Sports Entrepreneurship 3 Credits
Sports Entrepreneurship will introduce students to entrepreneurship in the sports industries as they explore opportunities and challenges for new ventures in this sector. Using an industry's business model, students will identify competitive advantages and understand what is required for startup success.

ENT 220 Inside The Entrepreneurial Mind 3 Credits
Inside the Entrepreneurial Mind is not just for Entrepreneurship majors! Whether you're starting your own business or want to succeed in running a division for another firm, you will need to adopt an entrepreneurial mindset. This mindset takes a holistic approach to running a business, realizes that failure is part of the journey and that resilience in overcoming obstacles are necessary skills for success. In this course, students will hear from entrepreneurs and industry leaders as they share their personal experiences, the challenges they've overcome and the paths they've taken to arrive at success in their businesses and careers. Through these entrepreneurial stories, students will be introduced to the skills and strategies that will help them overcome challenges in both their careers and personal lives. Available to undergraduate Sophomores, Juniors, and Seniors.

ENT 260 Family Business Management 3 Credits
This course is directed at understanding the family-owned and managed firm. Topics included are the strengths and weaknesses of a family firm, the dynamics of the family and business interactions, conflict resolution, succession planning and ownership transfer. The course will help individuals involved with a family firm, regardless if they are a family member.
Prerequisite(s): MGT 201 and junior standing.

ENT 335 Small Business Tax Planning 3 Credits
This course provides an understanding of the key tax issues faced by small businesses and their business implications. It also familiarizes prospective business owners with various tax filing requirements so that they can use the expertise of tax professionals more effectively.
Prerequisite(s): ACC 210.

ENT 348 Small Business Management 3 Credits
This course provides students with an introduction to ownership/management in the world of small business as well as an understanding of what is needed to start/buy/sell a small business. In addition, the course endeavors to help students move from a consumer orientation to a producer orientation, and to learn project management and research skills through participation in a hands-on project. The project has students investigate the market potential of an innovative business concept, and then use this research to evaluate the business concept as an entrepreneurial opportunity.

ENT 350 Entrepreneurial Finance 3 Credits
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.
Prerequisite(s): FIN 300.

ENT 375 International Entrepreneurship 3 Credits
Students will learn how new or small ventures enter international markets. Requirements include developing a case about starting or running a venture in a single country of the student's choice.
Prerequisite(s): MGT 201 and junior standing.

ENT 399 Entrepreneurship Co-Op 6 Credits
This course provides students with a semester-long supervised employment with an entrepreneurial firm/organization. Students are required to maintain a journal, complete a reflection paper and are evaluated by the participating firm/organization. Eligible students are entrepreneurial studies juniors or seniors with a 3.0 GPA or better. Co-op credits count as free electives. Grading is on a pass/fail basis.
Prerequisite(s): ENT 348 or permission of program director.

ENT 410 New Venture Planning 3 Credits
This course will require students to select a business and prepare a complete new venture plan for it. This plan would identify the product and its target market, analyze its market potential, choose the location, scale of operation, layout, staffing, type of financing, estimate the revenues and profits, and present the income statement, balance sheet, and the cash flow projections.
Prerequisite(s): ENT 348 or permission of instructor.

ENT 420 Student Venture Experience 3 Credits
Students will start and run a small business while under the supervision and guidance of faculty. Students will take a business plan developed through New Venture Planning (ENT 410) and execute it. Students will experience the launch process and learn, hands on, how to adapt to the marketplace. Some businesses started in this class may also be eligible for seed venture funding from Rider.
Prerequisite(s): ENT 348, ENT 410, and permission of instructor.

ENT 444 Special Topics 3 Credits

ENT 448 Small Business Consulting Sem 3 Credits
This course utilizes student teams to assist existing small businesses in solving problems or researching opportunities. Students will spend the majority of time in the field utilizing an experiential learning approach. Weekly activity logs, proposal development, and project completion are required. Restricted to seniors.
Prerequisite(s): ENT 348 and permission of instructor.

ENT 490 Independent Research and Study 3-4 Credits
Topic to be approved by professor and program chairperson. Available to juniors and seniors.

ENT 491 Internship 3 Credits

Environmental Sciences (ENV)

Courses and Descriptions

ENV 100 Introduction to Environmental Sciences 4 Credits
Examines how ecosystems function, with emphasis on the interactions between biological organisms and their physical environment, and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is investigated in detail using case studies from history and current events. The laboratory provides for hands-on experiences and/or short field trips to local sites for a better understanding of many of the concepts discussed. Weekday and weekend field trips may be required. Three hours of lecture and one three-hour lab per week. CLAS general education areas addressed: DP, SP, GP.
Corequisite(s): ENV 100L.

ENV 100L Introduction to Environmental Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 100.

ENV 110 Future of Natural Resources 3 Credits
In this course, students are introduced to topics in the natural sciences through studies of human exploitation of selected natural resources (e.g. water, fisheries, mineral resources, energy, etc.). The course work includes a study of the scientific process and how it can contribute to solutions to contemporary issues. Topics covered will include factors that influence real-world decisions to manage natural resources more sustainably (e.g. political, economic, ethical factors). During the three hours of class meetings each week, lecture and exercises will be integrated. Field trips will be required. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

ENV 110L Future of Natural Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 110.

ENV 120 Introduction to Climate Change 3 Credits
This course offers students an overview of the human impacts on Earth's climate and emerging solutions to limit future climate change. Students will learn scientific insights into the interconnected components of Earth's climate as a system including the atmosphere, oceans, land, geology, and ice. Human effects on Earth's climate system will be contrasted with natural climate variation that preceded the industrial revolution. Students will also consider the personal, societal, and ethical implications of climate change through the lens of environmental justice.

ENV 200 Statistical and Computer Applications in the Natural Sciences 4 Credits
This course introduces important statistical concepts, their application, and the usage of computer technology relevant to biological, environmental, geological, and marine problems. Students will learn various graphical and statistical techniques and how to execute them on personal computers. The curriculum emphasizes the integrated nature of these techniques and their importance to meaningful data evaluation and representation. Laboratory exercises are designed to emphasize useful solutions to problems found in many scientific disciplines using computer-based methodologies. Three hours of lecture and one three-hour lab per week.
Corequisite(s): ENV 200L.

ENV 200L Statistical and Computer Applications in the Natural Sciences Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): ENV 200.

ENV 205 Introduction to Geographic Information Systems 3 Credits
This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). It covers the basic GIS concepts, such as map characteristics and projections, spatial data models and analysis, and relational databases. It explores data sources, data quality, and metadata, as well as implementation and management of specific GIS projects. Hands-on experience with ArcGIS software is provided through a series of student exercises completed throughout the semester. Students will also be taught how to process both vector and raster data using ArcGIS software. The course is relevant for students from numerous disciplines in the natural sciences, social sciences, and business, which require the analysis and graphical representation of spatial data. Three hours of lecture per week.

ENV 220 Weather and Climate Change 3 Credits
This course introduces students to the concepts of weather and climate change. These concepts frame a continuum from short-term or daily changes in the atmosphere (meteorology) to those changes averaged over much longer periods of time (climatology). Students will learn the fundamentals of weather forecasting, the causes of natural variation in the Earth's climate, and the impact of human actions on the Earth's climate. Connections will be drawn to other current issues in the Earth system, including land use change, biodiversity, and pollution. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113 or permission of instructor.

ENV 290 Directed Research and Study in Environmental Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the environmental sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in weekly meetings with the instructor, and communicating the findings by writing a final project report.

ENV 320 Global Biogeochemistry 4 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 320L Global Biogeochemistry Lab 0 Credits
This course introduces students to global biogeochemical processes in the earth system and their influences on marine and terrestrial ecosystems. With a focus on systems thinking and interdisciplinary science, students will learn about the interactions of the biosphere, lithosphere, hydrosphere and atmosphere through elemental cycling and energy transfers. The course extends from the origin of our planet to the modern earth system and considers the anthropogenic impacts of climate change and pollution on humans and other species. Students will analyze scientific data with examples in regulatory and research settings. Students will also gain first-hand experience with field methods including sampling ocean and freshwater using various techniques and equipment and interpreting chemical data. Field trips may be required for this course. Course
Prerequisites: GEO 100 or GEO 113; GEO 102; CHE 120 & 121.

ENV 340 Environmental Field Methods and Data Analysis 3 Credits
This course will provide students with practical experience in field methods and data analyses within the environmental sciences. The course will include advanced activities incorporating field-based exercises, GIS analyses, statistical analyses, and database management. Students will also complete an independent project focused on a relevant topic. Local field trips during lab and on weekends may be required.
Prerequisite(s): MTH 105, GEO 100, GEO 102, and ENV 100; or Permission of Instructor.

ENV 350 Principles of Environmental Toxicology 3 Credits
A comprehensive description of the important principles of toxicology, including the absorption, distribution, metabolism, and excretion of toxic substances. Target organs systems will be discussed as well as mechanisms of carcinogenesis and teratogenesis. Specific groups of toxins to be discussed include: pesticides, metals, radiation, solvents and vapors, and plant and animal toxins. Three hours of lecture per week.
Prerequisite(s): BCH 225 or CHE 211, BIO 115.

ENV 375 Environmental Biogeochemistry 3 Credits
This course examines the biogeochemical interactions among various environmental components, including water, rock, soil, organisms, and atmosphere. Covered topics focus on the relation between the biosphere and changes in the Earth's environment and atmosphere. The transfer of energy and nutrients within terrestrial ecosystems also is explored. Case studies from various examples will be used to understand ecosystem dynamics. Long-term environmental change and present-day ecosystem restoration activities are examined in the context of biotic offsets and land-use planning. The biogeochemical cycles of some environmentally sensitive compounds and elements in natural systems, such pesticides, mercury, and lead, also may be examined. Three hours of lecture per week.
Prerequisite(s): GEO 100 or GEO 113, CHE 120, CHE 121, CHE 122, CHE 123.

ENV 480 Senior Thesis 3 Credits
A senior thesis is optional for environmental science majors. However, a senior thesis is required for eligibility to graduate with honors in environmental science. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the geosciences major and permission of instructor.

ENV 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

ENV 491 Internship in Environmental Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

Exercise Science (EXS)

Courses and Descriptions

EXS 115 Introduction to the Science of Exercise 4 Credits
This course is an introduction to the science of exercise, physical activity, and human performance. This course will focus on foundational information about science, the scientific method, an introduction to the structure and function of the human body, and an introduction to human evolution. Development of the field of exercise science, the associated subdisciplines will be discussed, and contemporary challenges and issues in the field will be introduced.

EXS 115L Introduction to the Science of Exercise Lab 0 Credits
Lab to accompany EXS 115. The lab is a co-requisite and must be taken with the corresponding course.

EXS 121 Exercise Injury Control and Management 3 Credits
This course is designed to provide the participant with entry level knowledge, competence, and skill in the care and prevention of injuries sustained during physical activity, sport, and exercise. This course includes units dealing with basic anatomy of common injuries, evaluation techniques, preventive measures to reduce the incidences of injuries and a knowledge of basic treatment procedures to be used after injuries occur. Legal and ethical issues will also be discussed.

EXS 291 Exercise Science Practicum 1 1 Credits
Field experience for sophomore level exercise science students. Students will complete 30-60 hours (roughly 2-4 hours per week) in the field over the course of the semester, applying knowledge, skills, and abilities learned in classroom training. One hour of class time each week will focus on professional development.
Prerequisite(s): C or better in EXS 115/L and EXS 121 and MTH 105.

EXS 320 Exercise Physiology 3 Credits
An entry level exploration of the physiological processes, metabolic requirements, and consequences of exercise in humans. Emphasis is placed on bioenergetics, as well as circulatory, respiratory, and neuromuscular responses to the physical stress of exercise performed for health and disease prevention.
Prerequisite(s): BIO 221, BIO 222.

EXS 321 Exercise Physiology Laboratory 1 Credits
EXS 321 is the laboratory course that accompanies EXS 320. Topics will include entry-level practical skills and competencies related to exercise capacity evaluation, interpretation of exercise data, and application of exercise interventions in a clinical setting. Prerequisite(s): BIO 221, 222 Co-requisite(s): EXS 320.

EXS 340 Exercise Testing & Prescription 3 Credits
An advanced, competency based course in the evidence based evaluation and prescription of exercise interventions in healthy and clinical populations. Prerequisite(s): EXS 320 Co-requisite(s): EXS 341.

EXS 341 Exercise Testing & Prescription - Lab 1 Credits
An advance, competency based laboratory course in the evidence based evaluation and prescription of exercise interventions in healthy and clinical populations Prerequisite(s): EXS 320 Co-requisite(s): EXS 340.

EXS 360 Foundations of Strength and Conditioning 4 Credits
This course examines the advanced methods and techniques associated with the design of strength and conditioning programs to enhance human performance in sport and fitness. This course is designed to develop, enhance, and apply knowledge and skills to prepare the student for the profession of strength and conditioning. Prerequisite(s): EXS 320, EXS 321, HSC 302.
Corequisite(s): EXS 360L.

EXS 360L Foundations of Strength and Conditioning Lab 0 Credits
This course examines the advanced methods and techniques associated with the design of strength and conditioning programs to enhance human performance in sport and fitness. Prerequisite(s): EXS 320, EXS 321, HSC 302.
Corequisite(s): EXS 360.

EXS 391 Exercise Science Practicum 2 2 Credits
Field experience for junior level exercise science students. Students will complete 60-90 hours in the field over the course of the semester, applying knowledge, skills, and abilities learned in classroom training. One hour of class time each week will focus on professional development.
Prerequisite(s): EXS 291.

EXS 401 Organization and Administration in Exercise Science 3 Credits
This course examines the various issues, policies, and procedures involved with administrative aspects of exercise science in traditional and non-traditional settings. Emphasis is on administrative concepts, facility design, budgeting and equipment purchasing, personnel management, record keeping, and legal liability.
Prerequisite(s): EXS 360.

EXS 405 Special Populations & Considerations 3 Credits
This course is an advanced course in exercise programming for a variety of unique populations. Pathophysiology and considerations relative to diseases of the musculoskeletal, neuromuscular, and immunologic systems will be discussed. Recommended modifications and evidence based techniques that support fitness programming for individuals with specific exercise needs will be explored.
Prerequisite(s): EXS 320.

EXS 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in exercise science-related research. The student learns to organize material, use relevant medical/scientific literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.
Prerequisite(s): Junior or senoir standing; minimum GPA 2.5; EXS majors only; permission of instructor.

EXS 491 Internship in Exercise Science 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty member and should include keeping a journal of activities, a term paper or project report and an oral or poster presentation.
Prerequisite(s): Junior or senoir standing; minimum GPA of 2.5; permission of instructor.

Film and Media Studies (FMS)

Courses and Descriptions

FMS 250 Global Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From silent comedy and melodrama to German Expressionism and Soviet activist cinema; from French poetic realism and Italian Neo-realism to Hollywood sound cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. FMS 250 is cross-listed with ENG 281 and fulfills the general education global perspectives requirement.

FMS 251 Global Film History: 1961 to Present 3 Credits
Examines major technological, industrial, and aesthetic developments in both American and international cinema of the period, with an emphasis on global cinema. From the decline of the studio system and the emergence of the "New Hollywood" to the digital revolution; from the renaissance in Western and Eastern European cinemas to Latin American, Asian, and Middle Eastern cinema, this course will survey and assess the impact of influential movements, major film artists, and groundbreaking films of the period. FMS 251 is cross-listed with ENG 282 and fulfills the general education global perspectives requirement.

FMS 252 American Film History: Origins to 1960 3 Credits
Examines major technological and aesthetic developments in American cinema as it grew from the days of one-reel silent shorts exhibited in storefront theaters through the days of studio productions exhibited in lavish picture palaces and featuring iconic stars the system manufactured and promoted. From the inception of sound and color, to the later development of lightweight equipment that freed filmmakers from the confines of the studio, from the "golden age" to the gradual decline of the Hollywood studio system in the 1950s, we will study the lasting genres that grew out of the system, the filmmakers who flourished and those who rebelled against the system, and the ground-breaking films that established the American film industry as a dominant force within the world. FMS 252 is cross-listed with ENG 285.

FMS 253 American Film History: 1961 to Present 3 Credits
Examines the transitions of Hollywood in the post-studio era— the rise of the 1960s-1970s New Hollywood and its ground-breaking films, the rise of the blockbuster as an industry standard; the responses of independent filmmakers and the avant-garde to blockbuster dominance; the transition from the Production Code to the ratings system, the move back to studio-owned theaters, and the emergence of digital cinema and CGI. We will look at how genres are being redefined, how major filmmakers are re-shaping their work to fit 21st century demands, how "gaming," YouTube, and other media sources are altering the very definition of cinema. FMS 253 is cross-listed with ENG 286.

FMS 260 Great Performances in Film 3 Credits
Examines major accomplishments in film acting from the silent era to the present day. Students will acquire knowledge of the historical and critical contexts and the artistic vocabulary necessary to understanding, appreciating and assessing screen performances in a range of genres—from comedy and the musical, to the melodrama, psychological thriller, and "hard-boiled" film noir. Students will be asked to read, evaluate, and analyze film performance texts, as well as to research and write about performances in numerous films.

FMS 284 Language of Film Analysis 3 Credits
Provides students with the fundamentals necessary for achieving beginning proficiency in methods of cinema studies scholarship. The course provides an in-depth introduction to concepts of film analysis, theory, and history, as well as to the field of cinema studies as an academic discipline. Through close analysis of selected films and readings, students will examine the various and complex ways in which formal elements shape meaning. Students also will study key concepts in film theory, applying these concepts as a further means of understanding the ways in which film positions viewers and mediates ideology. Required of all Film and Media Studies minors. FMS 284 is cross-listed with ENG 284.

FMS 286 Writing Short Screenplays for Digital Cinema 3 Credits
Writing Short Screenplays for Digital Cinema will focus solely on the creation of a short screenplay for digital film. The course will ask that students conceive of and execute a viably producible screenplay, shooting script, and industry pitch for the modern market.

FMS 300 Special Topics in Film and Media Studies 3 Credits
Courses in specialized and interdisciplinary areas of Film and Media Studies explore all three phases of the media experience: the industry that produces, distributes and exhibits; the textual products themselves; and audience reception of these products. FMS 300 Special Topics in Film and Media Studies courses will focus on each of the phases individually and/or on intersections of all three phases. Special topics courses will devote attention to the relationship of film to both traditional as well as new media; the relationship of film to the other arts; the relationship of film to the ancillary products and industries it both creates and depends upon for financial profit; and the relationship of film as an industry and institution to the various cultural institutions film and media texts routinely represent.

FMS 340 Film and Media Audiences 3 Credits
Provides students with the fundamentals necessary for understanding media audiences and reception within the interdisciplinary framework of film and media studies. The course introduces students to the field of audience and reception studies, including theory, empirical scholarship and history. Students will learn about who composed audiences, how they behaved, how they responded to the medium and the texts it delivered, how they interpreted what it meant to be an audience, how audiences were defined and treated by others, both today and historically. This will include audiences of movies, radio, television and news media.

FMS 342 Artists of the Cinema 3 Credits
Provides the opportunity to delve into the work of an individual film artist (whether a director, producer, screenwriter, cinematographer, costume designer, art director, musical composer, actor) or to examine a creative team (various combinations of a director, actor, cinematographer, screenwriter) that has collaborated in producing a series of films together. The course will pose the daunting question: Who is the author of the film? Even when studying individual artists, we will explore the influences and the working relationships that have shaped their work, and we will look outward to the way in which they have influenced other artists of their own generation and beyond.

FMS 380 Women in Film 3 Credits
Examines the work of women filmmakers from the silent to the contemporary eras. Drawing from different periods, genres, and contexts of film production, this course will explore questions including: How does a focus on women filmmakers reframe our understanding of film history and production? How are feminist theoretical approaches to film challenged or reinforced in films made by women? Does a "female gaze" exist, and what would this idea mean for understanding and analyzing audiovisual narrative? The exploration of these questions will enable greater historical and theoretical awareness of cinematic contexts and hone skills in film analysis.

FMS 381 Studies in Film Genre 3 Credits
Provides an in-depth examination of a variety of film genres (such as the gangster film, the western, the musical, the screwball comedy, the science fiction film, and the horror film, among others), to be examined through the perspective of film genre theory. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing specific genres, and will trace the development of those genres within the dual contexts of the film industry and cultural ideology. Note: This course is cross-listed as ENG 381. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that genres studied will rotate.

FMS 382 Comparative Film Directors 3 Credits
Provides an in-depth comparative study of major American, international, independent and avant-garde filmmakers. Through close analysis of selected films and readings, students will define the aesthetic and thematic patterns characterizing the work of individual directors and will draw meaningful comparisons among directors sharing similar aesthetic and thematic approaches. Students will trace the artistic development of directors through their careers, assessing individual works in the context of film criticism and theory, and in the context of multi-layered intertextual influences. Note: This course is cross-listed as ENG 382. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that directors studied will rotate.

FMS 383 Global Cinemas 3 Credits
Provides an in-depth study of the history and defining characteristics of national cinemas. Through close analysis of selected films and readings, students will examine the general movements within the history and development of various national cinemas, with attention to film historiography when considering how patterns are to be viewed in light of the culture, politics, and history of a particular producing nation. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as ENG 383. Although students may not get credit for both ENG 383 and FMS 383 in a single semester, they may repeat this course in future semesters, given that national cinemas studied will rotate.

FMS 384 Film Adaptation 3 Credits
Provides an in-depth study of intertextual influence, as film enters into "dialogue" with various literary forms. Through close analysis of selected films and various forms of literature-including novels, graphic novels, short stories, plays, poetry, and journalism-students will study the aesthetic specificity of both film and literary genres and will analyze the transformative qualities at play when a work is adapted from page or stage to screen. Note: This course is cross-listed as ENG 384. Students may not get credit for both ENG 384 and FMS 384.

FMS 484 Seminar in Cinema Studies 3 Credits
Provides an in-depth study of areas central to discussion and debate in the field of cinema studies (such as film violence, cinema censorship, feminism and film, post-colonial cinema, African- American cinema, blaxploitation, The French New Wave, and Italian Neorealism, among others). Through close analysis of selected films and readings, students will examine the impact of specialized influential movements in film history and in film theory and criticism. Further, students will trace and evaluate the influence of selected film movements and issues upon both cinematic and critical practice. Note: This course is cross-listed as ENG 484. Although students may not get credit for both ENG 484 and FMS 484 in a single semester, they may repeat this course in future semesters, given that topics in the field of cinema studies will rotate.

FMS 490 Independent Study: Research and Creative Expression 1-4 Credits
FMS 490 Independent Study will allow Film and Media Studies minors to pursue specialized areas of study, research and/or creative work relevant to the field of Film and Media Studies in consultation and close collaboration with a Film and Media Studies faculty member.

FMS 491 Internship in Film and Media Studies 1-4 Credits
FMS 491 Intership in Film and Media Studies will provide approved juniors and seniors minoring in Film and Media Studies with the opportunity to gain practical experience through work in various outside film and media-related publications, businesses, organizations, and production companies.

Film and Television (FTV)

Courses and Descriptions

FTV 125 Introduction to Film and Television Production 3 Credits
Introduces general students (other than FTV majors or FMS minors) to the basics of film and television production. This is a practical course covering the very basics of film and video storytelling and production including cameras, microphones, shot composition, editing, and sound. Students will create multiple short film and television assignments of their own, as well as work on other film and television projects in small groups. The course incorporates short lectures, hands-on practice and shooting exercises in and out of class, screenings, discussions, and group and individual film and television projects.

FTV 135 Filmmaking I 3 Credits
Filmmaking I introduces students to basic film and television production theories, techniques, and applications. Students will gain competency in a number of production areas including composition, lighting, filmic storytelling, sound, production planning and editing. As well as gaining practical production experience, students will also be introduced to basic art theory in relation to composition and visual storytelling.

FTV 202 Global Film & Media Industries 3 Credits
An introductory survey of the international film and television industry that will provide students with a global perspective of this ever-evolving industry. First, providing a basic foundation of key historical, economic and cultural factors and initiatives impacting and shaping films and television programs, this course will provide students with the tools to better understand the influence that globalization has on the film and television industry and the impact the products of this industry may have throughout the world.

FTV 221 Animation: History, Art, Industry & Culture 3 Credits
An introduction to the history of animation in film and television, this course will explore animation as art, industry, and purveyor of culture. Through this course, students will gain a greater appreciation for aesthetics, technology, and the cultural and communication theories impacting and influencing the genre, and gain a greater understanding of the role played by key individuals and companies in the development of both iconic characters and in the shaping of an industry. Students will view a variety of important animated films and television programs and discuss the artistic, technical and narrative developments in animation from the early 20th century to the present. This course will provide students with a more nuanced understanding of the magic of animation and its impact and influence on culture and society throughout the globe.

FTV 230 Foundations of Film, Television and Radio 3 Credits
Examines film, television and radio industries, the programs they create and the powerful role they play in society. This course will examine the history, technology, structure, programming and regulation of these industries including issues, trends, and the impact of new and evolving technologies.

FTV 231 Film and Television Workshop 1 Credits
Course topics will vary from topic to topic. This course will be offered Pass/Fail.

FTV 235 Filmmaking II 3 Credits
This course will build on the basic technical proficiency gained in COM 135 as applied to narrative filmmaking. Working as individuals and in groups, students will develop skills in narrative cinematic storytelling, and gain a basic proficiency in filmmaking theory, techniques and applications. Students will gain competency in a number of production areas including idea generation and scripting, production planning, cinematography, lighting, sound and editing.
Prerequisite(s): FTV 135 or COM 131.

FTV 236 The Aesthetics of Filmmaking 3 Credits
Introduces general students (other than FTV majors or FMS minors) to a greater appreciation of film art and the various generic and artistic approaches adopted by noteworthy filmmakers through the course of film history. Through film viewing, class discussion, readings, essay writing and creative responses, students will learn how formal choices in cinematography, production and sound design, screenwriting, and acting shape cinematic themes and atmosphere, while forging viewer identification and eliciting emotional response. Among readings will be those on introductory film theory, key works of film criticism, interviews with filmmakers, and scholarship on the aesthetics and ideological underpinnings within various film genres and in the work of selected filmmakers.

FTV 238 Screenplay Fundamentals 3 Credits
Screenplay Fundamentals will instruct students in how to write for the screen. Students will learn how to convey story and character through the medium of film and television, how to write effective dialogue, and understand the basics of dramatic writing and scene structure.
Prerequisite: COM 131.

FTV 239 YouTube: Content and Culture 3 Credits
YouTube, one of the most well-known and widely discussed examples of participatory media in the social media environment, is the first generally popular platform for user-created video. Blending theory and practice, this course examines the social, cultural, economic, and political implications of YouTube; the empowerment and pitfalls of the user-generated content it relies on; and the implication of the participatory media which has transformed passive viewers into active producers. Students will learn the historical roots of YouTube, become familiar with modes of media production, and study legal, ethical, and social justice issues related to the creation of channels and videos for YouTube. While the course has a significant theoretical component, students will engage directly in participatory practices by designing and creating course related content for YouTube. Through this course, students will gain a critical understanding of and a greater appreciation for the impacts of user generated video content on social and political participation locally and globally.

FTV 241 Sound Design 3 Credits
This course is an introduction to sound design and editing for film, television and game design. The course examines the use and placement of sound and music in visual media from both an artistic and technological perspective, and discusses how sound and music might be used to convey meaning, enhance and strengthen visual elements, provide narrative cues, create a sense of depth and place, focus attention on actions and provide structure and ambience to the visual. Along with covering the basics of sound recording, microphone selection and use, and mixing techniques, topics such as ADR (Automatic Dialog Replacement), Foley, sound and music synchronization and sound in post-production are covered. Numerous examples of sound design for film, television and gaming will be analyzed and discussed in class.

FTV 243 The Actor and Filmmaker 3 Credits
A practicum course that instructs the student on how actors and directors work together to build a performance. The course will provide on-hands experience in technical aspects of behind and in front of camera processes in capturing an actor's performance, exploring the demands and particularities of acting for the camera. This course will also serve as an introduction to basic acting theories and practices as they relate to how actors work to express a character onscreen. Elements of this course include monologue and scene rehearsal and performance (both multi-camera and single camera), audition techniques (for both actors and directors), and how film directors block and cover a scene. Students will gain experience both behind and in front of the camera,
Prerequisite(s): COM 131 or FTV 135 for Film/TV majors or THE 110 for Theater majors.

FTV 250 Television Studio Production I 3 Credits
This introductory course is designed to expose students to the processes, equipment, production roles, techniques and goals of in-studio television production. Serving as directors, writers, on-camera hosts, etc., students will gain valuable, direct hands-on experience with the technical and creative challenges faced during the various phases of studio production from pre-production planning through actual remote and live studio work. Emphasis will be placed on studio operation and technology; the roles and responsibilities of the production crew; and the pressures faced during the direction of live, multi-camera productions.
Prerequisite(s): COM 131 or FTV 135.

FTV 255 Mobile Studio Production 3 Credits
This course is designed to expose students to the processes, equipment, production roles, techniques, and goals of live, mobile television studio production. Serving as directors, writers, camera operators, sound engineers, etc., students will gain valuable, direct hands-on experience with the technical and creative challenges faced during the various phases of mobile television production from pre-production planning through actual live production work. Students will serve as production crew for mobile television programs and become familiar with the unique challenges and pressures faced during the production of live events using mobile studio technology and software. Students will be regularly required to participate in productions outside of normal class hours. Speak with the instructor for more details.
Prerequisite(s): COM 131 or FTV 135.

FTV 261 Television: Past, Present & Future 3 Credits
This course will survey television from its early days through the modern digital eras and examine how historically specific social, cultural and economic forces have influenced and shaped content, regulation, technology, audiences, the industry, and society itself. From the early days of Live TV and the advent of programming genres, through the New Golden Age of Television in the modern era, this course will provide a critical framework for better understanding of how various factors have interacted to shape the development and evolution of television broadcasting and allowed television to become a significant and influential socio-cultural institution.

FTV 282 Solo Filmmaking 3 Credits
Solo Filmmaking takes an individual/DYI approach to all aspects of filmmaking. Over the course of a semester, students will do it all on a solo short film project: conceive an idea, write the script, run all aspects of pre-production (casting, location scouting, shot listing, production design), perform all technical sides of production (scheduling, directing, sound recording, cinematography) as well as post production (editing, color, sound mix). Designed for the fiercely-independent student, this course is of value to the experienced and inexperienced filmmaker alike.

FTV 291 Documentary Film and Video 3 Credits
Surveys the history of documentary film, including reportorial, exploratory, persuasive, symphonic, compilational, reflexive, and fictional traditions through screenings, lectures, and readings. Provides practice in film criticism. Explores philosophical questions about the relationship between non-fiction films and videos and the reality they purport to record. Analyzes ethical problems of filmmaking.

FTV 295 Cinematography I 3 Credits
This course introduces the art of cinematography from historical, aesthetic and practical perspectives. Students will learn the principles of cinematic composition, lenses, lighting, and camera operation while studying the work of great cinematographers in film history.
Prerequisite(s): COM 131.

FTV 305 Editing and Post-Production 3 Credits
This course covers the theories and principles of editing and post-production processes for film, television, and digital media. Through exercises and assignments, students will be introduced to editing as both a technical process and an artistic endeavor. Students will learn editing theory, the technique and workflow of picture and sound editing, basic post-production terminology, editing rules and how to break them, editing aesthetics, color timing, and color correction. Strong emphasis will be placed on the technical, analytical, and practical techniques necessary to further creative expression.
Prerequisite(s): FTV 235.

FTV 328 Sitcoms and American Culture 3 Credits
Provides an overview to the unique and highly structured form of the American television situation comedy. The primary focus will be on history and development with in-depth study of situation comedy themes, characters, and settings. Through lectures, case discussions, in-class assignments, and class projects, students will examine the social and cultural meanings and implications of this incredibly popular and durable genre of programming.

FTV 330 Documenting Cultures Through Travel 3 Credits
Offers students, through travel and study, a unique opportunity to gain firsthand experience of a different culture and to learn how to record and document their experiences using multiple media, including print, audio, video, photography and/or the Web. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political and aesthetic cultural components appropriate to the location(s) to be visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. No foreign language skills are required.

FTV 333 Media Program Development and Distribution 3 Credits
Critically analyzes the theory, practice, structure, and function of media program development and distribution. Examines the structure of the field as it relates to programming, the industry and audiences. Studies program categories, formats, genres, trends, and audience measurement and analysis as well as the new and evolving technologies responsible for program development and distribution.
Prerequisite(s): FTV 230.

FTV 335 Documentary Production 3 Credits
This course serves as an introduction to documentary filmmaking. Students will be introduced to a wide variety of documentary styles and approaches and learn the basics of documentary production. Working in teams, students will gain firsthand experience with on-camera interviews, conducting documentary research, using practical and source lighting, scripting, and working with a variety of source material in constructing their own short documentary projects.
Prerequisite(s): FTV 135 or COM 131.

FTV 339 Developing The Feature-Length Script 3 Credits
Developing the Feature Length Script will instruct students how to write a full-length film or television program. Students will learn the mechanics of 3-act and 7-act structure, and during the course they will develop a logline, synopsis, treatment, and sample scenes of a full-length project.
Prerequisite(s): FTV 238.

FTV 343 Actor and Filmmaker Practicum 1 Credits
A workshop class designed to give acting and filmmaking students an opportunity to collaborate on narrative film and television projects. During this class students will work closely with the directors on building compelling performances for the screen. Students will gain practical experience with auditioning, blocking of scenes, developing their characters and techniques for working effectively and efficiently with a director and crew.
Prerequisite(s): FTV 135 or THE 110.

FTV 390 Film, Television and Society 3 Credits
Examines in a topical manner the influence of film and television upon significant issues affecting people and society. May explore important media figures such as directors, producers, and actors, and their importance in these industries. May also explore various genres of narrative, documentary, commercial, music video, web-based, and other types of media production. May be taken more than once with different emphasis.

FTV 392 Media History: Personalities and Trend 3 Credits
Presents in a topical manner the history of the media from various perspectives, seeking to place the material into a meaningful economic, cultural, political, and/or social context. Different issues and related individuals are examined, such as the golden age of radio, motion picture economics, and media empire builders, with a view toward understanding their significant impact on the development and functioning of the media today. This course may be taken more than once with a different emphasis.

FTV 395 Los Angeles Media Experience 3 Credits
This course is a practical exploration of the workings of the contemporary film and media industries in Los Angeles, California, and is designed as a required compliment for students enrolled in Rider's Semester in Los Angeles program. Focused on both major studios and independent production companies, this course explores how media are created, distributed and consumed in the U.S. and around the world. Students will examine the role of creativity, economics, an ever-evolving technology and the impact they have on how this industry operates today and where it may be heading into the future. The class will stay current by regularly reading trade publications and, through guest lectures, have many opportunities to hear directly from industry professionals about issues and challenges facing the field.
Prerequisite(s): POI (restricted to students enrolled in the Department of Film and Television Semester in Los Angeles program.

FTV 399 The Co-Operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at the time of registration; .
Corequisite(s): IND 398 The Co-operative Experience Seminar, IND 398 and (dept) 399 combined cannot exceed 15 credits.

FTV 402 Directing for Film 3 Credits
This course approaches directing both creatively and critically, and examines the role and importance of the director to the filmmaking process. The transformation of the written script into a film is explored through readings, viewing and analyzing the films of accomplished directors. Lectures and exercises illustrated with film clips and readings emphasize plot development, script analysis, developing storyboards and shot lists, rehearsal, blocking, collaborating with talent and production crew, and using the camera to effectively capture action and performance. Students will gain an effective understanding of the role of the director through the various stages of film production, and be provided the opportunity to demonstrate and cultivate his/her effectiveness as a director through individual and group assignments.
Prerequisite(s): FTV 235 and COM 338.

FTV 435 Filmmaking III 3 Credits
This is an intensive hands-on course in advanced digital filmmaking. Students will gain proficiencies in a number of filmmaking areas including production planning, aesthetics, scripting, script breakdown, camera movement, selecting and directing talent, creating scenes and sequences, visualizing action, establishing mood and conflict, as well as advanced lighting, sound and digital editing techniques. The students' use of high definition digital imaging systems as a medium for narrative cinematography will be developed and refined. In addition, students will explore how filmmaking techniques and technology can impact the visual storytelling process. Students will work cooperatively in groups, modeling the interdependent structure of professional film crews. Throughout the class, there will be an important integration of theory and practice which will enable students to produce meaningful film projects that will not only be technically effective, but strong in content and context as well.
Prerequisite(s): FTV 235.

FTV 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

FTV 491 Internship in Film and TV 1-4 Credits
Places qualified students in a professional area related directly to their communication training. Students may intern in a communication position with a corporation, small business, media outlet, public relations agency, non-profit organization, political party, sports organization, or other similar organizations. A minimum of 50 hours of internship per credit is required. Written reports, a final project, and supervisor evaluations are used to analyze and evaluate the experience. For students majoring in the Department of Communication and Journalism only, primarily juniors and seniors. No more than two internships are permitted for each student; exceptions may be made. The deadline for registration is the first Friday of the semester.
Prerequisite(s): 3.2 GPA and permission of instructor.

Finance (FIN)

Courses and Descriptions

FIN 200 Managing Your Money 3 Credits
An introduction to the analysis of a wide range of financial decisions which individuals encounter over their careers and lifetime. Topics include financial goals, tax planning, home ownership versus renting, consumer credit, money management and investments, and managing risk with insurance. This course is open to all Rider students, and it counts as a free elective or a business elective. It cannot be used as finance elective.

FIN 220 Introduction to Finance 3 Credits
An introduction to the environment, concepts, and techniques of financial management. Topics include forms of business organization, taxes, analysis of financial performance, financial planning, financial markets and interest rates, time value of money, bond and stock valuation, risk and return, capital budgeting, cost of capital, and international financial management.
Prerequisite(s): ACC 210 and ECO 201.

FIN 305 Personal Financial Planning 3 Credits
This course focuses on practical issues and problems involving personal financial budgeting, use of credit, selection of banking services, insurance needs, real estate, investments, tax planning, and retirement planning. An important objective of the course is to provide the student with the tools that are utilized in making personal financial decisions and how to apply those tools for a variety of financial needs.
Prerequisite(s): FIN 220.

FIN 307 Financial Markets & Institutions 3 Credits
This course provides an introduction to the organization and behavior of financial markets and institutions in the economy. The factors determining security prices and interest rates in the money and capital markets are analyzed. An overview of all major financial institutions is presented. In addition, market returns, the regulatory environment, and monetary policy are examined.
Prerequisite(s): FIN 220.

FIN 308 International Finance 3 Credits
Financial management in the international environment. Topics include balance of payments, foreign exchange markets, arbitrage, hedging of currency risk, country risk management, and the evaluation of foreign investment opportunities.
Prerequisite(s): FIN 220.

FIN 309 Intermediate Corporate Finance 3 Credits
This course builds on and extends the concepts of financial management learned in FIN 220. The course examines long-term corporate financing and investment decisions and how those decisions interface with each other. Topics covered include: cost of capital, financial planning and analysis, capital budgeting, capital structure and dividend policy.
Prerequisite(s): FIN 220.

FIN 312 Investments 3 Credits
The fundamentals of investing in stocks, bonds, and other negotiable instruments are covered. Major topics include trading on securities markets, mutual funds, international investing, margin accounts, short sales, determinants of securities prices, and investment risks. Stock options, financial futures, convertible securities, and implications of taxes on investment decisions are also discussed.
Prerequisite(s): FIN 220.

FIN 315 Financial Modeling 3 Credits
Provides instruction in computer use beyond what is available in other finance courses. Topics include more sophisticated applications of computers in financial management, investments, and other areas of finance and business. Students work on cases and projects which require more advanced usage of spreadsheets and other software and databases.
Prerequisite(s): CIS 185 and FIN 220.

FIN 330 Corporate Cash Management 3 Credits
This course is designed for business students seeking an understanding of modern principles and techniques for corporate treasury management. The course material is useful for finance, accounting, and banking professionals or small business owners. Topics include analysis of liquidity and solvency, credit and accounts receivable management, cash collection and disbursement systems, short-term investment and borrowing, management of treasury information and technology, multi-national cash management, and other related topics.
Prerequisite(s): FIN 220.

FIN 340 Risk Management 3 Credits
This course examines the risk management process as applied to the firm as a whole. It integrates the management of all risks facing the firm: strategic, financial, hazard, and operational. Techniques for identifying risk, measuring and analyzing it, and selecting an appropriate treatment will be explored.
Prerequisite(s): FIN 220.

FIN 350 Entrepreneurial Finance 3 Credits
This course covers the techniques for acquiring financial resources as a firm advances through successive business stages: seed, start-up, struggling, growing, and stable. In addition, it examines recent trends in credit markets and the latest financial innovations as they impact the process of financing the venture's growth.
Prerequisite(s): FIN 220.

FIN 360 Fixed Income and Derivatives 3 Credits
This course centers on the quantitative portion of the Chartered Financial Analyst (CFA) level 1 curriculum, which includes materials on fixed-income risk and return, fundamentals of risk analysis, derivative instruments and risk management applications of option strategies. The goal is to help students prepare for the exam, as well as introduce them to a variety topocs in finance.
Prerequisite(s): FIN 312.

FIN 370 Financial Analysis and Ethics 3 Credits
This course covers the topics of financial reporting and analysis and related ethical issues. The course would benefit students interested in augmenting their ability to understand, analyze and apply the information in financial statements. It provides essential knowledge for students seeking either the Certified Management Accountant (CMA) or Chartered Financial Analyst (CFA) certifications. Specifically, the course covers the Ethics and Professional Standards of the CFA curriculum, and materials on financial reporting quality and financial statement analysis. Course goals are to help students prepare for the certification exams, as well as introduce all interested students to a variety of topics in financial analysis and ethics.
Prerequisite(s): FIN 312 or POI.

FIN 380 Real Estate 3 Credits
Real estate finance and related subjects in real estate are examined. Topics include measuring cash flows and taxes, valuation methods for real estate investment decisions, location and value in real estate, home ownership, legal matters, and financing methods and techniques.
Prerequisite(s): FIN 220.

FIN 399 The Co-Operative Experience 6 Credits
The co-op program provides students with an opportunity to work full-time in a company and apply what they have learned in their finance and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full¬ time employees. Eligible students include finance majors with at least junior status, a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in any finance coursework completed prior to the submission of the co-op application. Co-op credits can be applied toward business or free elective requirements but not toward finance elective requirements for majors. Grading is on a pass/fail basis.
Prerequisite(s): FIN 220.

FIN 405 Private Wealth Management 3 Credits
This course utilizes the Chartered Financial Analyst (CFA) curriculum and focuses on private asset management for high-net-worth investors. A wide range of topics including managing individual investor portfolios, taxes, estate planning, concentrated single-asset positions and individual risk management will be covered via lecture discussions. The main objective for the course is to help students develop the skills for a career in wealth management.
Prerequisite(s): FIN 305.

FIN 412 Investment Analysis 3 Credits
Real-world application of the concepts and techniques of investment analysis and portfolio theory introduced in FIN 312. Students interact with and make recommendations to professional portfolio managers. Topics include analysis and forecasts of business conditions, market interest rates, international opportunities, and corporate profits. Emphasis is placed on the valuation of securities, stock selection, investment timing, technical analysis, and management of portfolio risk with options, futures, and other tools.
Prerequisite(s): FIN 312 or permission of instructor.

FIN 469 Special Topics in Finance 3 Credits
This course is occasionally offered, with the topics and prerequisites set by the finance program.

FIN 490 Independent Study: Research and Creative Expression 3 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation. This course can be used as a business or free elective, but with prior approval it can also be used as finance elective.

FIN 491 Finance Internship 1-3 Credits
The internship offers qualified junior and senior finance majors supervised employment with participating companies. The internship may be taken during the fall or spring semester or during the summer session. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a term paper that will be reviewed by the major's internship director. Internship credits can be applied toward business or free elective requirements but not toward finance elective requirements for majors. Grading is on a pass/fail basis.
Prerequisite)s): permission of instructor.

Fine Arts (ART)

Courses and Descriptions

ART 103 Fundamentals of Drawing 3 Credits
An intensive study of drawing techniques in charcoal, pencil, and pen and ink.

ART 104 Survey of Art History I 3 Credits
The history of Western art, architecture, sculpture, painting from prehistoric times through the Middle Ages, emphasizing the relation between the arts and ideas of each period.

ART 105 Design 3 Credits
Basic concepts of composition, form, texture, value, and color in two-dimensional design are explored.

ART 106 Survey of Art History II 3 Credits
The history of Western art, architecture, sculpture, painting from the Renaissance to the present, emphasizing the relation between the arts and ideas of each period.

ART 120 Art and Society 3 Credits
Masterpieces of architecture, painting, and sculpture are related to their historical periods, providing an appreciation for and understanding of the vital interaction of art and society.

ART 150 Digital Foundations 3 Credits
Industry standard digital tools are used to explore the basic concepts of composition, form, texture, value, and color in two-dimensional design. Further consideration of digital formats and technologies in the visual arts will be highlighted.

ART 199 Arts in Contemporary Civilization 3 Credits
An integral study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama. Spring.

ART 201 Art of the Ancient World 3 Credits
The arts of ancient man from prehistoric times to the fall of the Roman Empire.

ART 204 Fundamentals of Painting 3 Credits
Introduces students to the materials and techniques of oil or acrylic painting. Emphasis on experimentation and the development of individual expression in a variety of subject matters.
Prerequisite(s): ART 103 or concurrently.

ART 207 Medieval and Renaissance Art 3 Credits
A study of the major monuments of architecture, painting, and sculpture created in Western Europe between 300 and 1600. Particular emphasis on the history of Christian art, from its beginnings in the Roman catacombs, to the great monasteries and cathedrals of the High Middle Ages, to the revival of ancient Roman grandeur and forms in the Renaissance.

ART 209 Art of the Baroque 3 Credits
The art of the 17th century in southern and northern Europe.

ART 214 American Art 3 Credits
The development of the arts from colonial America to World War I. Discusses major economic, social, and political factors that influenced the course of American art history.

ART 227 Gallery Management 3 Credits
Designed to provide students with the experience of working in all aspects of art gallery management. It is intended for students regardless of their major who wish to add the dimension of art to their college experience through direct hands-on curatorship of the Rider Art Gallery.

ART 230 Three-Dimensional Design 3 Credits
Beginning problems in traditional sculptural materials (clay, wood, stone) and design-construction in mixed media.

ART 303 19th Century Art 3 Credits
An in-depth study of the major art movements in 19th-century Europe, from Neoclassicism to Postimpressionism.

ART 304 Drawing II 3 Credits
Studies the art of drawing beyond the introductory level with an emphasis on greater self-expression, advanced technical skills, and a variety of drawing media.
Prerequisite(s): ART 103.

ART 305 Intermediate Painting A-B-C 3 Credits
Studio courses designed to expand the student's creative experience in painting with emphasis of greater self-expression. Students will be presented with specific painting projects that originate from conceptual or perceptual responses to reality (still life, landscape, figure) and to imagination (dreams, fantasy, invention). Class trips to galleries and museums are included. May be taken three times.
Prerequisite(s): ART 204.

ART 306 Art of the 20th Century 3 Credits
The major artists and movements in the history of 20th-century painting and sculpture from Postimpressionism. Slide lectures, class discussion, field trips.

ART 310 Figure Drawing and Painting 3 Credits
Students will draw and paint from various sources, including the live model, clothed and nude, to understand the structures, gestures, and psychological aspects of the human body in art.
Prerequisite(s): ART 103 and ART 204.

ART 335 Printmaking 3 Credits
A studio introduction to various traditional and contemporary relief printmaking techniques.

ART 352 Motion Graphics 3 Credits
This course will provide an introduction to the use of industry standard tools and methods employed in motion and animation design. Concepts of composition, form, style, and continuity of motion will be key. Focus will be placed on 2D rendering with contemporary tools, as well as underlying theory and critique. Consideration of cross-media techniques utilized in game design, streaming media, film and television will be highlighted.
Prerequisite(s): ART 150.

ART 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1 to 4 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

ART 491 Internship in Art 1-12 Credits
Provides junior or senior fine arts majors with concentrations in art with the practical experience of working with a museum or professional art gallery. Students must be sponsored by an art professor. For each academic credit, interns must work 48 hours for the semester or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

ART 492 Advanced Studio Workshop 3 Credits
Intensive course in various media for students working at an advanced level in studio disciplines. A high level of achievement is expected. May be taken more than once for credit.
Prerequisite(s): two upper-level studio courses.

ART 493 Special Topics in Studio Art 3 Credits
Study in drawing and painting of a particular style, such as abstraction or subject, such as still life; or particular aspects on a museum collection, such as the Metropolitan.
Prerequisite(s): ART 103 and ART 105 or Permission of Instructor.

ART 495 Selected Topics in Art History 3 Credits
An intensive study of a particular art history topic, e.g., a single artist, artistic center, or artistic medium. Slide lectures, class discussion, field trips, class reports. Topics to be announced.

ART 496 Fine Arts Internship 6-12 Credits

ART 499 Senior Honors Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, planned under the direction of a faculty advisor, represents a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Foreign Language and Literature Education (FLE)

Courses and Descriptions

FLE 320 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to general linguistics and basic contrastive study of English, French, German, and Spanish sounds, forms, and syntax. Students visit schools where they interview language learners and sample their speech for analysis. Applications of these studies are made to creating instructional materials and to teaching. Theories of language acquisition as well as factors affecting second language learning, including learning styles and personality, are studied. A rationale for communicative language teaching and learning is constructed. Note: This course is cross-listed as EDU 320. Students may not get credit for both FLE 320 and EDU 320.

FLE 420 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross- cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolios and philosophy of second language teaching, prepare a thematic unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification. Note: This course is cross-listed as EDU 420 and EDUC 521. Students may not get credit for FLE 420, EDU 420, and EDUC 521. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

Foreign Literature (LIT)

Courses and Descriptions

LIT 250 Masterworks of Western Literature I 3 Credits
Introduces the classical heritage and the development of a connected Western literary tradition as reflected in the classics of Western literature from the Greeks to the Renaissance. This course focuses particularly on the qualities, which make each work great. Works by Homer, Aeschylus, Sophocles, Euripedes, Virgil, St. Augustine, Dante, and Shakespeare are read and discussed in English. Required for all foreign language majors.

LIT 251 Masterworks of Western Literature II 3 Credits
Introduces modern world literature and the further development of the Western literary tradition from the Enlightenment, through Romanticism, to the contemporary period. Major writers such as Moliere, Racine, Voltaire, Rousseau, Goethe, Tolstoy, Baudelaire, Yeats, Rilke, Ibsen, Mann, Kafka, and Borges are read and discussed in English. Required for all foreign language majors.

LIT 310 Russian Literature 988-1850 3 Credits
A reading and discussion of some of the greatest Russian writers of the first half of the 19th century. Writers include Pushkin, Lermontov, Gogol, Turgenev, and Tolstoy. Classes are in English. No knowledge of Russian required. Required for majors.

LIT 311 Russian Literature 1850-1917 3 Credits
A reading and discussion of some of the greatest Russian writers of the second half of the 19th century and early 20th century. Writers include Dostoevsky, Leskov, Chekhov, Bunin, Gorky, Blok, Bely, and Sologub. Classes are in English. No knowledge of Russian required. Required for majors.

LIT 312 20th Century Russian Literature 3 Credits
A reading and discussion of some major Russian writers from 1917 to 1970. Writers include Akhmatova, Tsvetaeva, Babel, Bulgakov, Pasternak, Mayakovsky, and Evtushenko. Classes are in English. No knowledge of Russian required. Required for majors.

LIT 315 Tolstoy 3 Credits
Reading and discussion of selected works of Tolstoy including his fables; novellas, such as Master and Man and The Kreutzer Sonata; and either Anna Karenina or War and Peace. Classes are in English. No knowledge of Russian is required.

LIT 317 Dostoevsky 3 Credits
Reading and discussion of selected works of Dostoevsky, with special emphasis on Crime and Punishment and The Brothers Karamazov. Classes are in English. No knowledge of Russian required.

LIT 322 German Literature & Film in English Translation 3 Credits
Reading and discussion in English of German literary masterpieces and their film adaptations. The material varies from year to year, e.g., German-Jewish writers, German Romanticism, German literature to 1700, modern fiction, or 20th-century women's literature and film. No knowledge of German required.

LIT 325 The Folk Tale 3 Credits
Introduction to the study of folk tales from a literary point of view, to the place of folk tales in European culture, and to the contrast between folk tales and written fairy tales such as Beauty and the Beast and Cupid and Psyche.

LIT 330 Russian Culture 3 Credits
Readings highlighting both the uniqueness of Russian culture and the ways Russian culture has had the greatest impact on Western culture in general. The course is divided into topics such as folklore, religion, painting, music, ballet, and film. Readings from Russian literature will be used to illustrate significant aspects of Russian culture. Classes are in English. No knowledge of Russian is required.

LIT 340 Hispanic Literature & Film in English Translations 3 Credits
This course explores literary and cinematic masterpieces in English translation. Attention is focused on their relationship to the intellectual, artistic, and historical background of Spain, Latin America, and/or United States Latino cultures. No knowledge of Spanish is required. Open to Spanish majors, but no credit given toward the specific requirements of the major.

LIT 370 European Short Novel 3 Credits
Introduces students to the study of the novella as a distinct literary genre in Europe. Discusses various theories of the novella and the history of the novella in Europe. Will read and discuss such masterpieces of the novella as O, The Queen of Spades, A Simple Heart, and Death in Venice.

LIT 390 The Bible As Literature 3 Credits
This course takes a literary approach to the Bible: only one, of course, of the many possible approaches to this rich and fascinating text. Nevertheless this approach to the Bible is justified both because the Bible is a literary masterpiece and because such an approach provides a clear focus for students. Students will read and discuss selections from the three major divisions of the Bible: the Old Testament, the New Testament, and the Apocrypha. Students will also read famous stories such as Joseph and his Brothers, Moses and Exodus, Samson and Delilah, Jonah and the Whale, Susanne and the Elders, The Raising of Lazarus, and The Trial and Execution of Jesus.

French (FRE)

Courses and Descriptions

FRE 100 French I 3 Credits
Conversational French is taught through basic vocabulary and grammar building. Students will enjoy an immersion-style method emphasizing real-life situations and vocabulary in authentic cultural context, through an interactive textbook, videos, on-line resources, and oral/aural skill building using the technology in the Foreign Language Media Center to enhance learning. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): Placement test if French has been studied elsewhere.

FRE 101 French II 3 Credits
Building on learning in French I, students will begin to converse using more complicated grammatical structures within immersion-style classroom interactions. While the focus is still on conversation and aural skill building, composition skills receive greater emphasis. Students will enjoy an interactive textbook, Internet usage, and authentic videos shot on location in France. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 100 or placement test.

FRE 200 French III 3 Credits
This course builds on linguistic skills previously acquired through an emphasis on conversation and oral comprehension, and through vocabulary building. Grammar study is continued at a more advanced level, and students begin to read short passages focusing mainly on francophone culture and civilization. Film clips, Internet resources, and other computer-aided learning tools are used to create a dynamic immersion-style learning experience. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 101 or placement test.

FRE 201 French IV 3 Credits
While continuing the emphasis on aural/oral production and grammar and vocabulary building, short passages of greater complexity taken from literary texts, newspapers, and magazines will become the focus of conversation/composition activities. Technological resources will continue to enhance the immersion-style learning experience consistent with a course in advanced French. Successful completion of this course, or its equivalent, serves as a prerequisite for French courses at the 300 and 400 level. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): FRE 200 or placement test.

FRE 300 French Composition/Translation 3 Credits
An in-depth study of style, shades of meaning, and correctness of expression. Translation of business/professional/scientific/political texts will receive emphasis, and students will continue to perfect their writing skills, and review and improve advanced grammatical structures.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 301 French for Business 3 Credits
The fundamentals needed to survive in the French professional and business world are taught. Students will continue to perfect oral/written/aural skills while learning about the cultural climate within which these skills will be used. Students will learn how to prepare effective business/professional correspondence and, through role-playing activities, will use their knowledge in such real-life situations as interviewing, telephone conversations, and business meetings.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 305 An Introduction to French Literature 3 Credits
A chronological overview of the evolution of French literature from the Middle Ages to the present. Study and interpretation of selected works, authors or literary movements through the Renaissance, the classical period, Enlightenment, romanticism, realism, naturalism to representative works by authors of our century from Proust to existentialism, the nouveau Roman, theatre absurde and beyond.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 311 French Culture 3 Credits
A study of modern France and French value orientations as they are rooted in tradition and history and continue to shape everyday life as well as institutions, social organizations, artistic expression, education, attitudes and human interaction. A comparative approach will examine the underlying differences between France and the United States. Classes are in English.

FRE 320 French Phonetics and Conversation 3 Credits
This course is an introduction to French phonetics and is designed to help students further develop their skills in speaking French accurately and fluently. The course requires students to learn basic linguistic symbols and the phonetic alphabet as a theoretical step toward improving articulation and pronunciation. Moreover, special emphasis will be placed on the development of vocabulary and of appropriate communication techniques to participate in discussions in French. The course will be a mix of lectures, class discussions, debates, face-to-face conversations, and role games requiring a strong active participation. Counts toward major and minor requirements.
Prerequisite(s):FRE 201 or above, or placement test at 300-level or above.

FRE 422 Cultural Expression in French Film and Television 3 Credits
A systematic analysis of selected French films and television broadcasts will reveal cultural value orientations as they relate to love, family, community, leisure, work, social, and political organization. A comparative approach will stress the underlying cultural differences between France and the United States. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 425 Portrait of the Hero in French Fiction 3 Credits
This course deals with modern French fiction and its depiction of the role of the hero as a figure who gradually loses control over his fate (Stendhal, Balzac) and is changed into someone who struggles against ever increasing odds, only to be finally vanquished (Flaubert). The main character may find fulfillment in recollections of the past (Proust), explore the moral parameters of existence (Gide, Camus) or become the incapacitated anti-hero of Beckett's novels. Course taught in French
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 430 Mask & Reality in French Theater 3 Credits
A study of theater through the optic of a unifying theme: the mask and reality. The goal is to gain a greater appreciation of the art of dramatic illusion whereby actors, while wearing the masks of the characters they play, allow us to examine ourselves and reality in true, unmasked form. Playwrights to be studied will range from the classical theater of Racine and Corneille, through the modern avant-garde, existentialist and Theater of the Absurd works of such playwrights as Ionesco and Beckett. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 435 Self in French Prose & Poetry 3 Credits
Are we determining or pre-determined creatures? What is our essential nature? Is the quest for salvation justified? A study of the historical, political, and social realities in which the texts were composed will shed light on the concept of the self. Representative authors from the Renaissance to modern times will include: Montaigne, Descartes, Pascal, Montesquieu, Rousseau, Hugo, Baudelaire, Apollinaire, Sartre, Camus, Duras, Sarraute, Colette, de Beauvoir. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 440 A Quest for Identity: Francophone Literature and Culture 3 Credits
This course introduces the cultures of countries or regions where French is used either as the (or one of the) official language(s) or, in a less official capacity, by a segment of the population. In readings, discussions, songs, film viewings, and written assignments, students will experience the Francophone cultures of specific areas and the amazing diversity of the Francophone world. They will also explore the difficult relation of the Francophone countries with France. The course considers issues of social status, history, resistance, and identity. Counts toward major and minor requirements. Course taught in French.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

FRE 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

FRE 491 Internship in Foreign Languages 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies, and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major.
Prerequisite(s): students should have completed at least one 300-level course in the foreign language.

FRE 496 Special Studies 3 Credits
Offered as needed to complement the program in French. A seminar open to a variety of topics treating a particular author, period, genre or critical approach.
Prerequisite(s): FRE 201 or above, or placement test at 300-level or above.

Game and Interactive Media Design (GAM)

Courses and Descriptions

GAM 100 Game & Interactive Media Forum 0 Credits
Game & Interactive Media Forum is a once-per-month gathering of all Game majors from across the university's different Colleges. The forum will be an opportunity for students focusing on different backgrounds to engage together in industry-related topics and skills.

GAM 150 Intro to Game Studies 3 Credits
Intro to Game Studies surveys the history of video games and gaming culture against the social and political contexts that shape and are shaped by games.

GAM 200 Game Design 3 Credits
Game Design introduces students to the basic concepts of game design, covering game rules, iterations, and playtesting. Students will work with hands-on material to develop design techniques and instincts outside of digital work spaces.

GAM 201 Game Development I 3 Credits
Game Development I introduces students to industry-standard software and the basics of user experience and collaborative game design.
Prerequisite(s): ART 150, CIS 200 and GAM 200.

GAM 301 Game Development II 3 Credits
Game Development II extends students' knowledge of industry-standard software, building on GAM 201 and progressing toward advanced concepts of user experience and collaborative game design.
Prerequisite(s): GAM 201.

GAM 310 Special Topics in Game Design 3 Credits
Special Topics in Game Design applies students' knowledge of game design and the development software that helps them realize their design toward specific prototyping goals. The subject of GAM 310 will rotate each semester; GAM majors must complete two semesters of 310 without duplicating topics.
Prerequisite(s): GAM 200.

GAM 330 Soundtracks and Foley 3 Credits
Soundtracks and Foley covers dialog, music, and foley in filmic settings, with a specific focus on game environments.
Prerequisite(s): MUS 216.

GAM 401 Game Workshop I 3 Credits
Game Workshop I places students in multidisciplinary project teams. Each team will create a game prototype over the course of the semester that demonstrates each student's mastery of their area of specialization and the team's ability to work together.
Prerequisite(s): GAM 301.

GAM 402 Game Workshop II 3 Credits
Game Workshop II places students in multidisciplinary project teams and builds on skills developed in Game Workshop I.
Prerequisite(s): GAM 310.

GAM 491 Internship in Game Design 3-6 Credits
Internship in Game Design places students in industry work environments, overseen by a site supervisor.
Prerequisite(s): GAM 310.

Gender and Sexuality Studies (GSS)

Courses and Descriptions

GSS 100 Introduction to Gender Studies 3 Credits
An introduction to the role of gender in human experience, examining the biological, historical, literary, artistic, and institutional manifestations of gender, and exploring the intersections of gender, sex, and sexuality.

GSS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with MCS 110. Students may only get credit for one course: MCS 110 or GSS 110.

GSS 200 Introduction to Women's Studies 3 Credits
An interdisciplinary investigation of traditional and contemporary gender roles, and of women's status, identity, and potential. Required for minor.

GSS 230 Women In Literature 3 Credits
A range of literary presentations of the female experience and of the conditions of women's lives is explored. These works are placed in historical and social contexts in order to see behind and beyond traditional literary conventions. Cross-listed with ENG 230.

GSS 235 Current Feminist Issues 3 Credits
This course examines historical and contemporary debates about controversial issues involving women, gender, and equality. The course will highlight feminist concerns with race, class, sexuality, and gender norms, focusing broadly on society, culture, the economy, politics, and law. Students will learn to contextualize, analyze, and evaluate arguments on multiple sides of these controversies.

GSS 240 Sex and Human Nature 3 Credits
This course provides an introduction to the scientific study of human sexual behavior, mate choice, and reproduction. Questions of interest include: How is sex determined? How are males, females, and intersex individuals different biologically? How do individuals' sexual strategies tend to differ? Why do we experience sexual jealousy? Are humans actually evolved to form long-term pair-bonds? What determines sexual orientation? Answers to these questions will be considered in light of the reproductive science of humans and our evolutionary ancestors.

GSS 245 Popular Constructions of Gender and Sexuality 3 Credits
This course takes an interdisciplinary approach to investigate the constructs that society creates and maintains with relation to sexuality and gender. As we are increasingly confronted with images of gender and sexuality, it becomes vital to interrogate the origins of these images from a variety of disciplinary perspectives in order to analyze and critique these constructs. Students will be introduced to theoretical approaches to analyzing popular constructs of gender and sexuality from a variety of areas, including (but not limited to) the humanities, the physical sciences, and the social sciences.

GSS 300 Feminist Literary Criticism 3 Credits
This seminar explores the diversity within feminist literary analysis. Various national, ethnic and cultural standpoints are represented and the different as well as the common assumptions within feminist thought will be discussed.

GSS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

GSS 310 Special Topics 3 Credits
Studies in specialized areas of feminist scholarship. Topics change according to instructor and are listed in the course roster.
Prerequisite: one previous course in gender and sexuality studies or permission of instructor.

GSS 312 Gender, War and Peace 3 Credits
Through readings in literature, history, political science, philosophy, and psychology, the course will explore critically the myths linking feminine gender with pacifism and masculine gender with aggression. Various perspectives on peace and war, the history of peace movements, and women's as well as men's participation in war will be considered.

GSS 313 Gender and Ethics 3 Credits
An interdisciplinary seminar involving a concentrated study of recent works in feminist theory, with special attention to issues such as: Do men and women have different ethical perspectives and different styles of moral reasoning? How do the "ethics of care" differ from the traditional "ethics of justice?" Can the models of justice and care be integrated into a more comprehensive theory?.

GSS 318 Gender and Communication 3 Credits
Focuses on interactive relationships between gender and communication in contemporary American society. It connects theory and research with practice to explore multiple ways communication in families, schools, media, and society in general creates and perpetuates gender roles. It is designed to heighten students' awareness of how we enact socially created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Note: This course is crosslisted as GSS 318. Students may not get credit for both COM 318 and GSS 318.

GSS 319 Gender and Sexuality in American History 3 Credits
What makes a man, exactly, and what makes a woman? What kinds of sex are normal, and what kinds are abnormal? Who decides, and why? The answers to these questions are not fixed. Throughout American history, popular understandings of gender and sexual norms evolved in close relationship with the political, economic, racial, and social dictates of the time. This course will trace the evolution of ideas on sec and gender from the 18th century to the present using various historical sources including fiction and film, particular attention will be given to analyzing dominant models of proper behavior and the complex relationships of power enmeshed within them.

GSS 320 Sex, Gender, and Fairy Tales 3 Credits
From the early literary fairy tale by Italian authors, to 17th-century French women writers who named and popularized the genre, to the 18th- and 19th-century stories geared toward children, to Disney and beyond, students will analyze fairy tales to see what they tell us about gender and sexuality historically and today. Students will read classic fairy tales from around the world and look at feminist and queer retellings, examining how fairy tale themes and motifs permeate our culture.
Prerequisites: CMP 125 or BHP 150.

GSS 322 Witch Hunts: Femicide Through Centuries 3 Credits
We will look at the perceived definitions of "witch" and "witchcraft" in relation to establishing medieval to modern gender codes. Our detailed study of perceptions of witches and their practices will reveal the power dynamics, social constructions and definitions that aided in the demise of countless women labeled as "witches" throughout history. Considerable time will be spent in exploring the internal controversy within the field of witchcraft studies regarding the use of words such as "genocide," "femicide," and "gendercide.".

GSS 333 Gender and Sport 3 Credits
Typical thoughts of sport include ticket prices, player salaries, team rosters, and league standings; rarely is it viewed from a gender perspective. This course will go beyond the examination of Title IX to better understand the relationship between masculinity, femininity and sports. This course will examine various aspects of gender and sport, including media and gender representation, race and ethnicity, drugs and violence, men and masculinities, sexualities, policy and politics, the feminist critique of sport, the initiation rites and hazing in college sports, sports wagering, and the internationalization of sport, including but not limited to the Olympics and Paralympics.

GSS 350 Leadership and Community 3 Credits
Designed for all students whose future plans include community service, organizing, and leadership, this course will study organizing in response to domestic violence, discrimination on the basis of gender and sexuality, sexual harassment, and other issues that are significant for women and/or the LGBTQ community. Building coalitions, skills for leadership, and strategies for effective organization will be covered in readings and in class discussions and students will practice what they have learned by volunteering in a local nonprofit organization.

GSS 375 Transgender Narratives 3 Credits
An introduction for Gender and Sexuality Studies minors and other interested students to the interdisciplinary field of transgender studies. Students will learn to distinguish between transsexual, transgender, transvestite, and intersex identities; to explore cross-cultural gender diversity; to recognize diverse subcultural expressions of gender, such as cross-dressing, camp, and drag; to identify long-standing stereotypes about trans people; and to understand trans people's narratives about hormonal or surgical gender transition through literary and multimedia genres.

GSS 400 Seminar in Transcultural Gender and Sexuality 3 Credits
This seminar offers an opportunity for upper-level students to engage in a multidisciplinary study of the constructions of gender and sexuality in a variety of cultural contexts across the globe. Topics change according to instructor. Required for minor.
Prerequisite(s): Junior or senior standing.

GSS 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

GSS 491 Internship 1-4 Credits

Geosciences (GEO)

Courses and Descriptions

GEO 100 Earth Systems Science 3 Credits
Investigates the major global processes that occur on Earth. These processes can be grouped into four major systems: atmosphere, hydrosphere, lithosphere, and cosmosphere. Each system interacts with and affects the other systems creating, in a sense, a single Earth process. With this approach, the student will view the Earth as a whole, and understand that the many seemingly separate components that make up this planet are, in fact, a set of interacting processes, that operate in cycles through time, within a single global system. Three hours of lecture per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 102 Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 102SP Earth Materials and Processes Lab 1 Credits
This lab course introduces students to the origin, identification, and significance of geologic materials, processes, and landforms. Hands-on experiences with mineral and rock specimens, topographic and geologic maps, and GPS and other data collection techniques are emphasized, along with field trip and in-lab observations, measurements, and interpretations. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): concurrent enrollment in, or prior completion of, GEO 100 or GEO 113 is required.

GEO 110 Geology of National Parks 3 Credits
U.S. national parks highlight the geologic wonders of our country and provide us with some of the best examples of the many processes that initially formed our planet and those that continue to shape it. This course is an introduction to the geological setting of selected U.S. national parks. It provides an overview of geological concepts and relates the geology of each park to the processes that initially formed, and subsequently shaped, their characteristic landforms. Such processes include: plate tectonics, volcanic and plutonic activity, glaciation, cave formation, stream and coastal processes, and erosional processes. Consequently, students not only will understand how the physical geography of the U.S. varies from coast to coast, but also will connect these varied landscapes with the geologic processes that formed them and relate them to unique wildlife or vegetation in the parks studied.

GEO 113 Environmental Geology 3 Credits
Examines the fundamental premise that "society exists by geologic consent subject to change without notice" by studying a number of important global geologic processes and cycles, and the hazards and/or resources they present to individuals, societies, and the natural environment. Topics discussed include earthquakes, volcanism, stream flooding, coastal erosion, global climate change, and global water, soil, mineral, and energy resources. Cost/benefit considerations, hazard mitigation concepts, economic and political ramifications, and interactions among the lithosphere, hydrosphere, atmosphere, and biosphere also are presented. The course is designed to give non-science majors a deeper appreciation and understanding of the basic scientific concepts involved, as well as individual and societal connections to the global geologic environment, leading to better, more informed business, political, policy, and personal decisions. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 168 Mesozoic Ruling Reptiles 3 Credits
This course provides an introduction to the vertebrate groups that dominated the land (Dinosaurs), the seas (Mosasaurs, Plesiosaurs, Pliosaurs, Tylosaurs, and Ichthyosaurs) and the skies (Pterosaurs, Pterdactyls) during the Mesozoic Era (65-250 million years ago). Students study the diversity of skeletal architectures and their reconstructed function and the often controversial, inferred anatomy, physiology, reproductive strategy, habit, and social behaviors of these animals that are different from mainstream reptiles, birds, and mammals. They also learn about the paleogeographical, and paleoclimatological conditions that facilitated the evolutionary rise to dominance and diversification of these vertebrate groups and the debated causes of their eventual extinction. These topics also serve to illustrate how the scientific approach works and how competing hypotheses are evaluated. Three hours of lecture per week. Weekend field trips may be required.. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

GEO 290 Directed Research and Study in Geosciences 1-4 Credits
Directed Research and Study in Geosciences will provide an opportunity for freshman and sophomore students to gain hands-on research experience in the geosciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in a weekly meetings with the instructor, and communicating the findings by writing a final project report.

GEO 304 Elements of Mineralogy 4 Credits
This course examines the physical properties, chemistry, atomic structure, crystallography, uses, and environmental impacts of important minerals found in the Earth's lithosphere and biosphere. In addition, lab assignments and exercises emphasize crystal symmetry and chemistry; polarizing microscope, ICP, SEM, and x-ray analytical techniques; the graphical display and interpretation of compositional data; optical properties of isotropic and uniaxial minerals; and the identification of mineral hand specimens. Three hours of lecture and one three-hour lab per week. At least one weekend field trip required. Prerequisite(s): GEO 100 or GEO 113, and GEO 102, and CHE 120, CHE 121 taken prior or concurrently; or permission of instructor.
Corequisite(s): GEO 304L.

GEO 304L Mineralogy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 304.

GEO 305 Petrology and Petrography 4 Credits
The origin, evolution, and terrestrial distribution of igneous and metamorphic rocks are presented and detailed. Classroom lectures and discussions emphasize rock geochemistry, mineralogic variability, the constraints placed on petrogenetic models by physio-chemical studies of natural and synthetic systems, and the relation of the various rock types to current plate tectonic theory and other whole-earth processes. The laboratory emphasizes the continuing development of optical microscopy skills, the identification of rock texture and mineralogy in thin section and hand specimen, the optical determination of mineral composition, and the recognition of possible petrogenetic processes as recorded in the rocks themselves. Three hours of lecture and one three-hour lab per week. Two weekend field trips required. Prerequisite(s): GEO 304, and CHE 122 and CHE 123 or taken prior or concurrently; or permission of instructor.
Corequisite(s): GEO 305L.

GEO 305L Petrology and Petrography Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 305.

GEO 306 Sedimentology and Stratigraphy 4 Credits
The principles of weathering, erosion, transportation, and deposition of sediment are the focus of this course. Sediment characteristics are examined to identify the processes involved in transporting grains and the specific environment in which the grains were deposited. Students will learn how to collect, analyze, and interpret sedimentary data and how to interpret surface and subsurface stratigraphic data using various techniques, such as lithostratigraphic, biostratigraphic, and geophysical, correlations. Field trips will expose students to different sedimentary environments and provide opportunities for students to learn how to conduct fieldwork. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): GEO 100.
Corequisite(s): GEO 306L.

GEO 306L Sedimentology and Stratigraphy Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 306.

GEO 308 Mineralogy and Petrology 4 Credits
This course examines the origin, evolution, and distribution of igneous and metamorphic rocks based on mineralogy, chemistry, and tectonic relationships. Mineral content and rock texture are used to identify and classify igneous and metamorphic rocks. The physical and chemical properties of these rocks are used to understand their tectonic setting, process of formation, and pressure-temperature conditions.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 308L Mineralogy and Petrology Lab 0 Credits
This is the laboratory course that accompanies GEO 308. Laboratory work consists of the identification of mineral and rock hand specimens. Microscopic analyses include the identification and interpretation of optical properties of minerals and rock textures. Field trips provide opportunities for students to examine outcrops of igneous and metamorphic rocks.
Prerequisite(s): GEO 100 (or GEO 113) and GEO 102.

GEO 310 Structural Geology 4 Credits
The origin, distinguishing characteristics, and geographic distribution of deformational structures of the Earth's crust. In the laboratory, GPS, GIS, geologic maps, and three-dimensional problems are used in the study of typical surface and subsurface geologic problems. Three hours of lecture and one three-hour lab per week. Weekday and/or weekend field trips may be required. Prerequisite(s): GEO 100 or GEO 113, GEO 102.
Corequisite(s): GEO 310L.

GEO 310L Structural Geology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 310.

GEO 350 Soil and Surficial Processes 4 Credits
This course examines the physical, chemical, hydrological, and biological aspects of soil and their relation to geomorphologic development. Specific topics include descriptions of soil texture and structures, soil classification, soil colloids, soil redox and pH, and their effect on vadose zone water chemistry. Soil genesis and erosion controls, microbiology/ecology, nutrient cycles, and modern soil pollution from sludge and pesticide applications, as well as domestic and industrial chemical spills, also are discussed. The lab portion of the course introduces the basic techniques of soil analysis, both physical and chemical, and field survey methods. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, and GEO 102.
Corequisite(s): GEO 350L.

GEO 350L Soil and Surficial Processes Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 350.

GEO 407 Hydrology and Water Resources 4 Credits
This course introduces the principles that govern both surface water and groundwater flows that have applications to societal water needs. Surface water topics cover the basics of the hydrologic cycle, the processes of precipitation, evapotranspiration, runoff, and infiltration, and various factors affecting water supply and water quality issues in a modern watershed. Groundwater topics examine the principles that govern flow through a porous medium and the basics of well hydraulics under different pumping conditions that community development requires. Laboratory exercises will give students hands-on experience with the delineation of watersheds, analysis of precipitation data, and flow contaminant transport modeling. The field portion of the laboratory includes runoff and stream discharge measurements, as well as hydraulic conductivity estimations from both slug and pumping tests. Three hours of lecture and one three-hour lab per week. Prerequisite(s): GEO 100 or GEO 113, GEO 102, and MTH 105 or higher.
Corequisite(s): GEO 407L.

GEO 407L Hydrology and Water Resources Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): GEO 407.

GEO 480 Senior Thesis 3 Credits
A senior thesis is optional for geosciences majors. However, a senior thesis is required for eligibility to graduate with honors in geosciences. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study or other approved venue. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the geosciences major and permission of instructor.

GEO 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

GEO 491 Internship in Geosciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

German (GER)

Courses and Descriptions

GER 100 German I 3 Credits
An introduction to German stressing the spoken language and the fundamentals of grammar. Students are required to work extensively with audio CDs. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): placement test if German has been studied elsewhere.

GER 101 German II 3 Credits
A continuation of German 100. Communication skills are broadened, fundamental grammar is studied in more depth, and basic vocabulary is expanded. Students are required to work extensively with audio files. This course counts towards the fulfillment of the Essential Competencies element of the CAS general education curriculum.
Prerequisite(s): GER 100 with a minimum grade of D or placement test.

GER 200 German III 3 Credits
Intensive review of German grammar and syntax with a systematic approach to oral expression and composition. Readings on contemporary German life and selections from modern literature. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): GER 101 or placement test.

GER 201 German IV 3 Credits
Continuation of grammar review and readings. Special emphasis on oral expression and composition of increasing sophistication, proceeding from concrete observations to theoretical and abstract discussion. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): GER 200 or placement test.

GER 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

Global Studies (GLS)

Courses and Descriptions

GLS 180 Understanding Global Relations 3 Credits
Offers an introduction to Global and Multinational Studies by exposing the student to basic concepts necessary to understand the dynamics underlying the emerging worldwide society of diverse nations. The student will become acquainted with the mechanisms by which contacts are built across nations, and the factors that shape the conception of and relations with "the other.".

GLS 200 The Social Construction of Global Society 3 Credits
This course discusses the emergence of an "imagined global community" in the final years of the 20th century, and the beginning of the 21st. The course will examine the forces that contribute to these changes, including the global dissemination of values, the changes in communication technologies, the globalization of the economy, and the spread of international non-governmental institutions and lobbying forces.

GLS 201 Politics of the Global Economy 3 Credits
An examination of global political-economic institutions and governmental policies in a period of global structural change and economic crisis. Emphasis will be placed upon the attempts by advanced and newly industrializing governments to attract and to regulate transnational industrial and financial enterprise.

GLS 295 Emerging Issues in Global Studies 3 Credits
The process of globalization defines a condition of rapid political, social, and economic change. As such, subjects for study become relevant at an alarming speed in the current international environment. This course will give students the opportunity to study a current critical issue or subject, chosen according to its relevance or the special expertise of a visiting or current professor. Topics may include political, economic, or social crises that exist currently, how to deal with specific global problems such as global warming, humanitarian crises, or wars, but may also concentrate on the background of relevant areas such as Iraq or the European Union.

GLS 309 Will China Be Next Superpower? 3 Credits
This course has two focal points: one is the rise and fall of great powers in the history of world transformation; the other is China's whereabouts in this transition. The former deals with a group of International Relations theories, which focuses on systematic transformation. Students are expected to learn extant theoretical knowledge on how and why a great power rises and falls. The latter is our empirical referent. Students are led to study China's contemporary history, geopolitics, political economy, and international relations as to make a learned connection between theoretical wisdowm and practical data on China. This course will provide students with a better understanding of China in general and its superpower status in the making in world politics in particular, offer students a chance to reveiw the sources and consequences of different national approaches to greatness, and help students find his or her own analytical framework for understanding international political events that may have transforming effects in Northeast Asia as well as on the world stage. This course is cross-listed as POL 309. Students may not get credit for both GLS 309 and POL 309.

GLS 310 Ethnographic Film 3 Credits
Explores the manner in which different civilizations are depicted through the medium of documentary film. Discusses the manner in which film may contribute to ethnographic understanding of a given people, and the limitations of the genre that may misrepresent the subject matter. Special attention is given to the role of the filmmaker and his/her position as participant, observer, and recorder of the events shown on the film. The films will be analyzed in terms of how they reflect, and potentially affect, a civilization's international image and global standing. These factors will then be considered in terms of their effects upon the place and actions of the civilization in global politics.

GLS 318 Global Political Film 3 Credits
Political films are a powerful form of political communication. This power derives from the ability of the filmmaker to control the characters, plot, dialogue, setting, and other aspects of the context in which the political message is delivered. It is difficult to conceive of any other form of political communication in which the individual or individuals presenting the message have so much control. Even the most programmed of political events or "photo opportunities" provide instances where outside factors or events may intervene. Further, audiences who watch a film are willing to suspend disbelief for the period of viewing; as such, the filmmaker has a willing participant in the narrative he or she develops. Since political communication is the primary means by which political reality is constructed, and since films provide a very persuasive visual and auditory means of creative narratives, they are important subjects for study and analysis. Nearly all scholars recognize the importance of film as a means of affecting, and reflecting, the political climate of a society, especially during specific historical eras. President Woodrow Wilson, upon first seeing Birth of a Nation, said it was like "watching history written in lightning"; by contrast, James Baldwin referred to the film as "an elaborate justification for mass murder." Both recognized the persuasive powers of film and its potential propaganda value.

GLS 325 Global Perspectives on Health and Illness 3 Credits
Explores the different international perspectives on health and illness. Themes include how men, women, and children in respective civilizations are treated and viewed within their communities or nations, as they become ill. Particular attention is given to the contrast between various types of traditional healing and Western medical practices, and their interactions. Discussions will also compare the usefulness of national versus international health agencies in dealing with global health problems.

GLS 490 Independent Study: Research and Creative Expression 1-4 Credits
This course allows students with permission of the instructor to conduct an independent research project in Global Studies in a relevant area of interest to the student and faculty member.

GLS 491 Intership in Global Studies 1-4 Credits
Students work under supervision, either in the United States or abroad, in an environment which provides experiential learning in institutions that operate in a global environment, including those in government, business, and international non-governmental organizations (INGOs). Domestic internships might also include work in agencies that deal with global problems such as an international environmental group or a refugee resettlement center. A minimum of 52 hours of field work per credit is required, with regular reports and a concluding critique analyzing the experience. No more than six credits allowed toward graduation.

Global Supply Chain Management (GSC)

Courses and Descriptions

GSC 115 Introduction to Global Supply Chain Mgt. 3 Credits
This course introduces students to components of global supply chains and issues of managing the global supply chain. It is designed as a survey course to give first or second year business students a general view of supply chain management at both domestic and international levels, as well as familiarize them with basic concepts and major challenges of supply chain management. Delivery of course material will include lectures and guest speakers from industry, and in-class logistics mini cases.

GSC 235 Supply Chain External Focus: Customer and Supplier Logistics 3 Credits
This course is a detailed discussion of some of the major issues and components of supply chain management that are mainly external to an organization. In other words, it provides an “outward looking” perspective of supply chain management. Topics to be covered include sourcing, procurement, transportation, customer logistics, and distribution. The linkages to internal issues and components of supply chain will be made.
Prerequisite(s): GSC 115.

GSC 290 Strategic Sourcing and Procurement 3 Credits
Sourcing and procurement are vital components of a well-functioning and efficient supply chain. Obtaining raw materials, components, finished and semi-finished goods, critical technology, and essential services from different suppliers and countries with different languages, currencies, legal and cultural norms is a complex and risky task and made essential due to the value of these activities to the bottom-line of any global business today. Additionally, globalization raises issues involving not just costs but reliability, quality, credibility, product safety, product liability, and related social, ethical, governance, and environmental impact. In this course, students will learn and apply the concepts, principles, and techniques required to manage the sourcing process effectively. Topics include purchasing, outsourcing, materials management, inventory management, forecasting, price and cost analysis, transportation analysis, supplier selection, negotiation strategies, auctions, and legal framework. Students will apply the concepts covered in lectures, articles, case study analysis, a team project, and discussions. Additionally, a special component of this course will include participating in a multi-week real world procurement simulation where students will have an opportunity to interact in a purchasing process with senior industry procurement executives. The simulation will both teach and allow students to participate in developing and implementing bidding and negotiating strategies in real world vendor-customer relationships. Sophomore standing or higher.
Prerequisite(s): at least one of the following courses: ACC 210, or ECO 200, or ECO 201, or GSC 115.

GSC 315 International Business Tour 3 Credits

GSC 345 Customer Focus: The Customer Driven Supply Chain 3 Credits
Marketing and supply chain management programs are concerned with the creation and delivery of value to customers and organizations. No longer simply the domain of the warehouse manager or logistics director, supply chain management is viewed by most companies as a mission critical element. Marketing focuses on developing an understanding of customers and markets, creating products and services based on that understanding, and communicating and delivering the value added. This course will teach the student the essential role of marketing in all aspects of successful supply chain management - relationship management, technological and financial management - and it will help the student understand the structure, functions, principles and methods employed in discovering and translating consumer needs and wants into product and service specifications, and then transferring these goods and services from producers to consumers or end users.
Prerequisite(s): GSC 115 and MKT 200.

GSC 355 Supply Chain Internal Focus: Firm Operations 3 Credits
This course is a detailed discussion of some of the major issues and components of supply chain management that are mainly internal to an organization. In other words, it provides an “inward looking” perspective of supply chain management. Topics to be covered include: manufacturing, quality, product design, inventory, and warehousing. The linkages to external issues and components of supply chain will be made.
Prerequisite(s): GSC 115 and MSD 301.

GSC 375 Adv.Sem in Global Outsourcing 3 Credits
The course is aimed at generating a comprehensive understanding of the emergent domain of global business process outsourcing. Variously referred to as knowledge process outsourcing, IT-enabled services outsourcing, and business services outsourcing, the industry has seen enormous growth over the last decade and continues to grow. India commands the single largest share of this market but South Africa, Eastern Europe, Philippines, Morocco and Egypt have all emerged as other contenders in this global sector. The course is divided into four modules: the political economy of global outsourcing, process modeling, outsourcing management, and industry analysis. Please note: Students will not receive credit for both CIS 375 and GSC 375.
Prerequisite(s): junior standing.

GSC 385 Management Information Systems for Global Supply Chain Management 3 Credits
The purpose of this junior level management information systems course is to prepare students for today's dynamic business environment by increasing their understanding of IT-enabled global information processing and management. This course has a specific emphasis on the impact and effective utilization of information systems and technology for the global supply chain. Students will gain a solid understanding of the value of business process integration through a combination of conceptual learning, business process analysis, and collaborative decision-making. This will be facilitated through hands-on experience with SAP ERP and analytical software as well as Microsoft Excel.
GSC 385 is required for the Global Supply Chain Management major and can fulfill the CIS 385 requirement for all business majors. Please note: Students will not receive credit for both GSC 385 and CIS 385 without prior approval by the Dean's office.
Prerequisite(s): CIS 185 and junior standing.

GSC 399 GSC Co-op Program 6 Credits
The co-op program provides students with an opportunity to work full-time in an organization and apply what they have learned in their global supply chain and other business classes. It also enhances students' employment opportunities since many employers use a co-op program as a first-step before they hire full-time employees. Eligible students include junior and senior global supply chain management majors with a minimum GPA of 3.0. The six credits are intended to be used as business electives, but it is also possible for them to be used as a combination of business and free electives.
Prerequisite(s): GSC 115 plus one additional course within the global supply chain management major, and permission of instructor.

GSC 445 Supply Chain Strategy and Design 3 Credits
This course introduces the student to the concepts and techniques necessary to design and operate global supply chains. It covers some of the strategic issues of managing a global supply chain and emphasizes the importance of understanding the organization, its value chain, industry, competitors, suppliers, and customers in a global framework. The course covers various strategies as well as different supply chain design models and approaches for efficient and effective supply chain operation.
Prerequisite(s): GSC 235 and GSC 355.

GSC 490 Independent Study: Research and Creative Expression 3 Credits
Topics to be approved by instructor, program director, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation.
Prerequisite(s): GSC 115 and permission of instructor.

GSC 491 GSC Internship 3 Credits
The Global Supply Chain Management (GSCM) Program formally sponsors an internship in global supply chain management. The intention of the course is to supplement theoretical foundations and other material introduced in the classroom with an opportunity to work in a sponsoring organization. Through the internship experience, the student will get a chance to see how supply chains are managed and will get a chance to apply supply chain concepts for themselves. If used in place of the co-op, internship credits will count toward GSCM major requirements, but can also be used as a business or free elective.
Prerequisite(s): GSC 115 plus one additional course within the GSCM major, and permission of instructor.

Health Administration (HTH)

Courses and Descriptions

HTH 201 Excel for Healthcare Management and Administration 1 Credits
This course is a refresher on Excel designed to fill gaps in knowledge and application of skills for students who are preparing for their internships. Students will review the essentials of Microsoft Excel. Within seven weeks, students will learn to expertly navigate the Excel user interface, perform basic calculations with formulas and functions, professionally format spreadsheets, and create visualizations of data through charts and graphs. This course will provide students with a practical hands-on opportunity that is designed for students to gain the skills necessary to proficiently create pivot tables, analyze data, utilize more advanced Excel data tools, and interpret statistical results.

HTH 205 Introduction to Health Care 3 Credits
This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 215 Population Health Care Management 3 Credits
In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.
Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

HTH 225 Health Care Financing 3 Credits
The goals of this course are: (1) to provide a description of how Americans pay for health care; (2) to explain how payment arrangements affect the health care system; and (3) to evaluate newly emerging arrangements. Specifically, we will focus on insurance (both public and private) in the United States, provider payment reform, the incentives of the parties in these arrangements and how these incentives impact cost containment in health care.
Prerequisite(s): HTH 205 and sophomore standing.

HTH 315 Health Care Law, Ethics and Policy 3 Credits
This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 336 Economics of Health Care System 3 Credits
This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

HTH 365 Health Care Information Systems 3 Credits
The Electronic Health Record (EHR) is one of the most complex technological projects ever undertaken. EHR involves the shared management, potentially on a global scale, of a variety of private, time-sensitive, multimedia data across activities including capture, processing, storage and access. The purpose of this course is to provide the future Health Administration professional with specifics of the socio-technical issues involved in this effort. The goals of this course are to study data standards used in modern EHR systems, technology platforms used to implement EHR in various types of organizations, data governance and regulations associated with health data, analytics that support quality of care and evidence-based practice.
Prerequisite(s): HTH 205; CIS 385 or GSC 385; HTH 215 or CIS 360; and junior standing.

HTH 367 Special Topics in Health Administration 3 Credits
This course covers a current area of health care administration. Topics will vary from semester to semester.

HTH 450 Seminar in Health Research 3 Credits
Students in the course learn to conduct health administration-related research by engaging in an actual community-based research project. At the beginning of the semester, students are assigned to a health-related community-based organization. As a team, students meet with the client, devise a plan of action, collect and analyze data and other information, and write a report to the client. At the end of the semester, students present their findings to the client.
Prerequisite(s): Permission of instructor.

HTH 490 Independent Study in Health Admin 3 Credits
An independent study in health administration allows a student to conduct an in-depth exploration of a topic in health administration under the supervision of a faculty member. The project helps develop a student's research and written skills.
Prerequisite(s): JR or SR standing, Permission of Instructor.

HTH 491 Health Management Internship 3 Credits
This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.
Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

Health Care Policy (HCP)

Courses and Descriptions

HCP 301 Global Health Care Systems 3 Credits
Global Health Care Systems is an introduction to visions of global health care, drawing upon the fields of medical anthropology, global public health, and public policy. The course focuses upon different understandings of health care, reflected in the actual health systems in place around the world. Because responsible health-giving health systems respond to societies' changing needs and situations, students will learn about the skills needed for this kind of problem-solving, but also come to understand that there is an urgent and vital global need for the exchange of ideas in global health care systems.

HCP 302 Environmental Epidemiology, Pandemics and Globalization 3 Credits
This course is intended to provide basic knowledge of principles and methods of environmental epidemiology for students whose career interests in a health-related field may include using epidemiologic information. The course presents a holistic view of global health by crossing several disciplines, including medical anthropology and disease history, focusing upon the social processes by which groups are stigmatized during disease outbreaks, and public health policies for confronting outbreaks of epidemics and pandemics. The course emphasizes the conceptual aspects of epidemiologic investigation and application of these concepts in global health policy and related professions. Topics include: disease surveillance; population screening; interpreting epidemiologic associations, and the health risks and benefits of globalization. Salient foci will be: the evaluation of the role of health diplomacy in addressing shared global health problems among countries, and the evaluation of cultural, ethical, social, systemic, and anthropological determinants of global health problems.

HCP 303 Global Health and Human Rights 3 Credits
This course introduces students to the basic concepts of human rights and their links to national/global health, as well as to issues where human rights and health collide. Students will become familiar with global efforts for developing practical and effective responses to global health challenges with a human rights framework.

HCP 304 Health Policy, Administration, and Compliance 3 Credits
Health Policy, Administration, and Compliance explores the politics of health care policy at the local level. The course identifies and evaluates various measures of the health and function of populations, organizations, partnerships, systems, and communities. The course provides students with an overview of the realities, challenges, and requirements of practicing community oriented primary health care.

HCP 450 Seminar in Health Care Policy 3 Credits
Rider University is uniquely positioned through Global Studies to have access to the nongovernmental organization United Front against River Blindness (UFAR). It is an Africaninspired, U.S.-based nonprofit and tax exempt organization. Its primary mission has been to participate in partnerships with other global health organizations in the elimination of onchocerciasis (river blindness), as a major public health problem in the Democratic Republic of the Congo (DRC). UFAR was founded and registered in the U.S. in 2004 by Dr. Daniel Shungu, a former Merck & Co. Inc. employee, who is a Congolese by birth and a naturalized U.S. citizen. The U.S. office is in Lawrenceville, N.J. and the Congo office is in Kinshasa, DRC. Dr. Roberta Fiske-Rusciano of Rider University's Global Studies faculty is a founding UFAR board member and has hosted Dr. Shungu several times in her course Global Perspectives on Health and Illness. For the past eleven years UFAR in partnership with several organizations (World Health Organization, Sightsavers Itl., Merck, DRC coalition group for onchocerciasis, and the DRC Health Minister, have successfully treated three million (as of 2015) Congolese with Ivermectin (Mectizan), donated by Merck and Co., Inc. Taken once a year for approximately ten years prevents infection of river blindness, by interrupting the cycle of the parasite. Because of UFAR's continued success in its mission, it has been asked to expand its work to include more neglected tropical diseases, using the same method of health delivery system: communitydirected treatment with the appropriate medicament, e.g. Ivermectin. Now that treatments of other diseases have been added to UFAR's mission (trachoma, lymphatic filariasis, shistosomiasis, guinea worm and helminthes infestations), additional medical treatments are scheduled to be added once these conditions are thoroughly mapped in the population.

HCP 491 Health Care Policy Internship 1-3 Credits
Students will complete an internship that will build on prior work in the HCP major.

Health Sciences (HSC)

Courses and Descriptions

HSC 102 Medical Terminology 1 Credits
Medical terminology is the study of the principles of medical word building to help the student develop extensive medical vocabulary used in health care occupations. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole.
Prerequisite(s): Permission of instructor.

HSC 105 Introduction to Health Professions 1 Credits
Course Description: This course will provide a basic overview of the health science professions including but not limited to: athletic training, clinical exercise physiology & cardiac rehabilitation, chiropractic, physician assistant, occupational therapy, nursing, community health education specialist, and physical therapy. The course will also cover the professional activities (i.e. professional organizations, certifications, professional issues, and professional liabilities) that are related to these professional applications.

HSC 110 Introduction to Human Nutrition 3 Credits
This course is designed to offer the student an understanding of fundamental human nutrition concepts including, but not limited to, digestion, absorption, metabolism, functions, and sources of macronutrients and micronutrients. The theme of the course will align with human health and disease states and the important conceptions about the food industry and its relation to healthy dietetic choices.

HSC 150 Introduction to Public Health 3 Credits
Public Health is the science of protecting, promoting, and improving the health of people and the communities where they live, learn, work, and play. Students will gain an understanding of the history and functions of public health, strategies and methods used in public health research, and the determinants of health.

HSC 200 Environmental Health & Human Health 3 Credits
The health of any individual is a function of both our genetics and environmental factors. Environmental factors most broadly defined include the air we breathe, the water we drink and the food we eat. This course will focus on numerous examples of how bacteria, viruses, and exposure to environmental chemicals result in human diseases. Examples range from failures in public health infrastructure (cholera, diphtheria, river blindness, etc), failures to vaccinate (polio, measles, hepatitis, etc) and chemical exposures (birth defects, cancer, etc). There is also much known about how diet and nutrition can prevent diseases.
Prerequisite(s): BIO 10X Life Science course or any biology laboratory course or BIO 115 or 116 or 117.

HSC 210 Nutrition for Exercise and Physical Activity 3 Credits
An introductory exploration of evidence based nutritional theory and applications in sport and exercise.
Prerequisite(s): HSC 100 with a minimum grade of D or BCH 225 with a minimum grade of D.

HSC 250 Introduction to Epidemiology 3 Credits
Epidemiology is the study of distribution and determinants of defects, disease, and injury in human populations and the application of that study to assess the magnitude of health problems and the result of interventions designed to control them. This course is designed to introduce students to the basic principles, methods, and uses of epidemiology to better understand and characterize health and disease at a population level. The role of epidemiological evidence in planning and evaluation will be also be explored.
Prerequisite(s): MTH 102 or higher OR MSD 105 or higher OR POI.

HSC 302 Kinesiology 3 Credits
The purpose of this course is to explore human movement during performance of activities. This course will explore the relationship between anatomical structures and function in the production of movement. The application and relationships between the fundamental principles of mechanics and musculoskeletal system function will be addressed within the framework of clinical and research perspectives. Both qualitative and quantitative approaches will be applied towards a better understanding of human movement, the analysis of physical activity. Prerequisite(s): BIO 221 & MTH 105 (or equivalent) or POI.
Corequisite: HSC 303.

HSC 303 Kinesiology Lab 1 Credits
This lab is a co-requisite and must be taken with HSC 302.
Corequisites: HSC 302.

HSC 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in health science-related research. The student learns to organize material, use relevant medical/scientific literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

HSC 491 Internship in Health Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations. These can include educational or research institutions. The method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty member and should include keeping a journal of activities, a term paper or project report and an oral or poster presentation.
Prerequisite(s): 2.5 GPA required.

History (HIS)

Courses and Descriptions

HIS 150 World History to 1500 3 Credits
This course traces both regional histories and global interactions, and covers the development of societies and states in Africa, the Americas, Asia and Europe from prehistoric times until about 1500. Certain major topics will be pursued, including agriculture, great empires, the major world religions, long-distance trade, and early modern exploration. While learning about these topics, students will also gain an understanding of the practice of history, especially of the kinds of sources historians use and how they reconstruct and interpret the past.

HIS 151 World History Since 1500 3 Credits
Learn what college students should know about history as a discipline and why history matters by tracing the development and interactions of the cultures of Europe, Africa, Asia and the Americas from 1500 to the present. Students will gain an appreciation for the value of historical thinking and a greater understanding of the relationships among modern nations so necessary for global citizenship.
Prerequisite(s): HIS 150.

HIS 160 Seminar in History 3 Credits
This course introduces students to the discipline of history and to the skills needed for its pursuit. Students will learn to analyze and evaluate primary sources and to identify the thesis and argument of secondary sources, as well as to locate sources using library databases. They will complete a short research paper in which they put these skills into practice. The seminar is intended for History majors and minors and Social Studies majors in their freshman year. Transfer students with fewer than 45 credits should consult their advisor on the suitability of the course for their program. Enrollment limited to 16.

HIS 180 U.S. History I 3 Credits
A survey of American history from the early 17th century through 1877. Among the topics covered will be settlement and regional differences, the American Revolution and the formation of a national government by 1787. The beginning stages of industrialization, the rise of democratic and reform politics, westward expansion, the debate over slavery and growing sectional tensions through the Civil War and Reconstruction will be major themes in the 19th century. Included will be discussions of African Americans, Native Americans, and women.

HIS 181 U.S. History II 3 Credits
A survey of United States history from the end of the Civil War through the present. Included will be discussions of the maturing of an industrial economy, and expansion in the west and overseas. The role of the United States as a world power and the growth of presidential power will be shaped and sometimes challenged by movements designed to expand democratic institutions and human rights. Included will be discussions of African Americans, Native Americans, and women.

HIS 190 Europe to 1715 3 Credits
Examines the development of European civilization from late Roman times until 1715, stressing the Classical heritage, the main currents of European thought and letters, the Renaissance and Reformation, the Age of Discoveries, and the development of the Old Regime.

HIS 191 Europe Since 1715 3 Credits
Examines major political, economic, social, and cultural developments in Europe and the West from 1715 to the present.

HIS 200 Native American History 3 Credits
Traces the experiences of North American Indians from early colonial times to the present day, demonstrating how Indian life has varied and changed throughout our nation's history. Topics include strategies of resistance and accommodation to colonial powers, 19th- century impacts of U.S. government removal and cultural assimilation policies, and 20th-century cultural and political developments among the nation's surviving tribes. Rather than "vanishing," American Indians are a vital and expanding force in modern America.

HIS 201 African American History 3 Credits
Examines the actions and thought of peoples of African ancestry in the United States. Briefly considers Africa before the Atlantic slave trade, then concentrates on major themes in African-American history--the slave trade, slavery, and the genesis of African American society, emancipation and its consequences, urbanization and industrialization, Black Nationalism, the Civil Rights Movement, and African Americans today. Emphasizes African Americans' dynamic and creative role both in shaping their society and establishing their place in United States society. The on-going struggle for freedom and equality provides thematic continuity for analyzing nearly 400 years of African-American history.

HIS 218 America Between the Wars 3 Credits
This course will amplify the dynamic changes and deep challenges found in American society, politics, culture, and foreign policy in the years between 1918 and 1945. We will examine topics like America's purpose in WWI, immigration, antiradicalism, the "roaring twenties," the Harlem Renaissance, consumer culture, the Great Depression, the rise of unions, the New Deal, and the foreign and domestic juggernaut that was WWII.

HIS 220 America's Culture Wars 3 Credits
For much of the recent past Americans have lived in a state of "culture war." This course will examine the history of modern culture and the conflict that sprang up around it, focusing on the rise of cities, race and racism, shifting sex and gender norms, religion, pleasure, education, immigration, and politics. Students will assess cultural and political developments over the course of the twentieth century with an eye toward understanding the twenty-first.

HIS 224 American Environmental History 3 Credits
Surveys the history of the North American environment from pre-Columbian times through the 20th century. Topics include Native American uses of the environment; the reshaping of ecosystems under European colonization; U.S. frontier expansion; the ecological impact of industrialization and urbanization; and the rise of the environmental movement.

HIS 225 A History of American Business 3 Credits
Examines the history of business in the United States from the Colonial Era to the present. Emphasizes such themes as the changing capitalist system, the function of business institutions, the roles of the entrepreneur, the relationship between government and business, and the emergence of the corporation.

HIS 226 History of New Jersey 3 Credits
Explores the history of New Jersey from the colonial period to the present including the role of New Jersey in the American Revolution, the establishment of the Constitution, and the course of industrialization. Examines the impact of national and international developments on New Jersey and emphasizes the distinctive characteristics of the Garden State.

HIS 227 U.S. Cultural History I 3 Credits
Examines cultural developments in the United States through the Civil War. Topics include popular culture, the history of the body, reading and print culture, public celebrations and holidays, religion, race and ethnicity, and material culture. Some of the larger trends explored include the creation of American nationalism, the development of a consumer society, and the rise and decline of 19th-century family life and culture.

HIS 230 History on Screen 3 Credits
This course explores the ways in which feature films and documentaries construct the historical past and shape, reflect, or revise popular understandings and national or cultural myths about the past. We will consider films as products of particular moments in history (potential primary sources), as well as arguments about the moments they portray (potential secondary sources). We will explore how audiences take an active role in shaping the meaning of a film, and thus how that meaning may shift as audiences change over time. We will trace how and why filmed representations of our understanding and interpretation of the past have changed over time. The topics of the films analyzed in this course may vary.

HIS 240 History of Ancient Greece 3 Credits
Surveys the intellectual and cultural life of ancient Greek civilization against the background of its political, economic, and social history.

HIS 241 History of Ancient Rome 3 Credits
Studies the history and culture of Rome, emphasizing such topics as Roman law, government, literature, religion, art, and philosophy.

HIS 243 Italy Middle Ages to Present 3 Credits
Traces the history of Italy from the Middle Ages to the present, stressing the connection between culture, religion, politics, and wealth in successive historical periods. Students participating in the two-week travel component at the end of the course may receive four credits.

HIS 245 Britain to 1688 3 Credits
British history from pre-Roman times to the Glorious Revolution is examined, emphasizing the growth of royal government, parliament, and the origins of the British colonial empire.

HIS 246 Modern Britain 3 Credits
Examines British history from the Glorious Revolution to the present, stressing the reform movements of the 18th and 19th centuries, the Pax Britannica, the Industrial Revolution, imperialism, and the impact of the two world wars.

HIS 248 History of Ireland 3 Credits
Beginning with an overview of the Irish past, focuses upon the past century of the island's history--the problems, challenges, and accommodations that led to the present situation as one of the most protracted unresolved partitions in the modern nation-state system.

HIS 249 Women in Europe from Antiquity to the French Revolution 3 Credits
Traces the history of women in Europe from Rome to the French Revolution, covering the religious, social, political, and economic context in which women participated. Also offers a brief overview of theories and issues in women's history and gender history.

HIS 255 History Abroad 3 Credits
Two-week travel course to a destination chosen by the professor. Exposes students to historic and cultural sites and works of art that have been studied in class. Students must attend orientation sessions, read assigned writings, complete a travel journal, write a final paper on a topic relevant to the course, and attend all scheduled course activities abroad. Travel will take place in January or at the end of the spring semester.

HIS 260 Craft of History 3 Credits
This seminar focuses on historiography and research skills to further students' progress toward the major capstone experience of conducting independent historical research. Students will explore how historians approach, interpret, and write about a particular topic selected by the instructor, and discover how and why interpretations and methods have changed over time. Topics will vary by instructor. Course may be taken a second time on a different topic for 200-level credit. The course is required for History majors who are Sophomores or Juniors. Enrollment limited to 16.

HIS 273 Imperial Russia 3 Credits
Discusses the political, economic, social and cultural developments in Russia and its borderlands during the Imperial period, that is to say the 18th and 19th centuries from Peter the Great to the Revolutions of 1917. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 274 Modern Russia 3 Credits
Covers the background to the Russian revolutions of 1917, the revolutions themselves, and the evolution and dissolution of the Soviet regime. Cultural, social and economic aspects of this period receive as much attention as political aspects. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 280 Vietnam in Peace and War 3 Credits
Examines the history of modern Vietnam, with a focus on the struggle for independence from the late 18th century to the present. Discusses the traditional culture, French colonialism and the development of Vietnamese nationalism, the Japanese occupation in WWII, and the struggle against France and the U.S. in the First and Second Indochinese Wars, as well as the postwar period. Explores the American experience in Vietnam and the impact of the war in the United States.

HIS 281 Modern Middle East 3 Credits
Examines political, economic, social, and cultural developments in the Near East, from the rise of the Ottoman Empire to the present, stressing the impact of contacts with the West in the 19th and 20th centuries, and the emergence of the contemporary Arab World, Israel, Turkey, and Iran.

HIS 282 Colonial Latin America 3 Credits
Examines the pre-Columbian and colonial periods of Latin-American history. Discusses the Indian, African, and European peoples and pays particular attention to the colonial Spanish and Portuguese societies from their establishment up to the revolutions that brought about political independence.

HIS 283 Modern Latin America 3 Credits
Considers the post-independence history of Latin America, emphasizing the rise of export economies and external economic domination, modernization, and pan- Americanism. Examines the changes undergone by Latin-American nations in the 20th century through an analysis of Mexico, Argentina, Chile, Brazil, Peru, Cuba, and Central America.

HIS 284 Caribbean History 3 Credits
Analyzes the history of the West Indian islands and the lands bordering the Caribbean Sea from pre-Columbian times to the present.

HIS 286 Modern East Asia 3 Credits
Examines the disintegration of the Ch'ing dynasty in China and the Tokugawa Shogunate in Japan under internal stresses and foreign incursions, and the varied experience of those states in coming to terms with the challenges of modernization and westernization. Covers political, economic, social, and cultural factors in China, Japan, and East Asia.

HIS 288 African History 3 Credits
Traces the history of Africa, analyzing the unique problems of African historical evidence and the complexity of the continent's past. Examines the genesis of African culture, early African societies, and the character of African civilizations and empires, then considers external influences such as religion (especially Islam and Christianity), contacts with Europe, the slave trade, the colonial scramble for Africa, colonial rule, modernization and dependency, and concludes by assessing the rise of independent Africa after World War II, its present status and future prospects.

HIS 289 History of Modern Japan 3 Credits
Examines the history of modern Japan from the age of the samurai in the Tokugawa Shogunate to today's high-tech mass consumer society. It traces the interaction of elements of Japan's traditional culture with impacts from the outside to create a uniquely-Japanese modernity. It stresses social, economic, and cultural trends, as well as political history, and includes an examination of modern Japanese culture through fiction and film.

HIS 298 Special Topics in History 3 Credits
Exploration of special topics, themes or methodologies in history. This course may be repeated for credit on different topics.

HIS 300 Economic History of the U.S. 3 Credits
Studies the main currents in the economic growth of America from colonial times to the present. Stresses the process of economic development from an agrarian to an industrial society, and examines the challenges and dislocations resulting from economic change.

HIS 301 Constitutional History of U.S. 3 Credits
Surveys the English, Colonial, and Confederation backgrounds of American law and constitutionalism; the framing, adoption, and implementation of the Federal Constitution and its later development; the role of law in the nation's history; the changing interpretations of federalism; the growth of judicial review; and the increasing role of the Supreme Court.

HIS 302 American Worker: Social History 3 Credits
Investigates the American workers' varied social, cultural, religious, and ethnic environment from post-Civil War to the present. Emphasizes worker response to industrialization, urbanization, the technical revolution, and automation.

HIS 303 American Urban History 3 Credits
Traces the growth of urbanism in America from colonial times to the present. Focuses on the interaction between the city dweller and the urban environment and explores the problems confronting urban America today.

HIS 304 Civil War and Reconstruction 3 Credits
Considers the Civil War as a watershed in the development of the American republic. Analyzes antebellum sectional conflict, the war years, and the era of Reconstruction.

HIS 306 U.S. Cultural History II 3 Credits
Examines cultural developments in the United States from the late 19th century to the present. Topics include popular culture, intellectual history, gender history, literary history, film, institutions like museums and department stores, subcultures and counter- cultures, popular commemorations like World's Fairs, and political culture. Some of the larger trends explored include the development of the modern culture of consumption, the urban landscape, and the polarization of cultural values.

HIS 307 The Immigrant in American Life 3 Credits
Examines the experiences of immigrants in the United States, their assimilation, the reactions to them, and their contributions.

HIS 309 Women in American History 3 Credits
Examines the roles, status, and influence of women from the colonial era to the present. Studies the origins and development of feminism, including legal, political, educational, economic, and sexual rights; and studies social feminism, including reform movements in such fields as abolition, prohibition, pacifism, child labor, and social welfare.

HIS 318 The American Revolution 3 Credits
Examines the growing rift between the American colonies and the British Empire, the War for Independence, and the creation of a new American republic. Explores the political, economic, social and cultural history of the Revolutionary era, and includes the experiences of various groups such as Native Americans, slaves, and women.

HIS 319 Gender and Sexuality in American History 3 Credits
What makes a man, exactly, and what makes a woman? What kinds of sex are normal, and what kinds are abnormal? Who decides, and why? The answers to these questions are not fixed. Throughout American history, popular understandings of gender and sexual norms evolved in close relationship with the political, economic, racial, and social dictates of the time. This course will trace the evolution of ideas on sec and gender from the 18th century to the present using various historical sources including fiction and film, particular attention will be given to analyzing dominant models of proper behavior and the complex relationships of power enmeshed within them.

HIS 320 The History of Christianity 3 Credits
Examines Christianity's role in world history from the life and times of Jesus to the present. Emphasizes the quest for the historical Jesus, the emergence of Christianity after his death and triumph during the later Roman Empire, and Christian relations with pagans, Jews, heretics, witches and Muslims. Traces the various branches of Christianity, its spread throughout the world, church-state relations and responses to secularism, capitalism and communism.

HIS 325 Church & Society in Med Europe 3 Credits
Studies the role of the church in the shaping of early medieval society. Emphasizes the emergence of Christianity as a world force, its challenge from Islam, and the church's impact on the politics, thought, and economy of early medieval Europe.

HIS 326 Renaissance and Reformation 3 Credits
Studies the Renaissance, including the development of humanism and art as well as the political and economic changes of the period. Discusses the Renaissance church and movements for religious reform, leading to a consideration of the origins, development, and consequences of the Reformation. Examines the influence of the Renaissance and Reformation on the development of capitalism and the dynamic, secular nation-state.

HIS 333 20th-Century Europe 3 Credits
This course covers the history of twentieth-century Europe, a time when major wars brought Europe from the heights of prosperity and power to the brink of ruin. Europe's experience in war, social upheaval, and ideological conflict shaped the twentieth century not just in Europe but globally. We begin with a look at the condition of Europe at the turn of the century and assess why the European states plunged into what was a disastrous series of conflicts. We will consider the First World War and its impact, including the Russian Revolution and the peace settlement, and then focus on attempts to find stability and the emergence of radically new political movements that challenged the postwar order. Next we will examine the ways in which Europe embarked on the path of near self-destruction during World War Two. A discussion of the origins and consequences of the Cold War and the fate of the socialist and capitalist systems follows. Throughout the course we will touch upon European art and culture. We will conclude with a look at the events of 1989 and attempt to understand the meaning of the twentieth century. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 334 The Era of World War II 3 Credits
Investigates selected topics relating to the origins, events, and outcome of World War II, emphasizing the war's impact on 20th-century civilization. Traces the roots of the conflict back to the World War I peace settlements, and examines the rise of totalitarianism, pre-war aggression and appeasement, the immediate causes of the war's outbreak, the course of military actions, the diplomacy of the belligerents, the War's impact on civilian life, and factors that shaped the post-war world. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 335 Nazi Germany & Hitler's Europe 3 Credits
Examines the Nazi dictatorship in all its complex dimensions, from the early life of Adolf Hitler to total war and genocide. Students will explore how the Nazi movement arose in the context of modern German and European history, and how the Nazis were able to win the support of significant segments of the German population. We will study the Nazis' massive project of social and biological engineering – pronationalism, forced sterilization, extermination of "social and biological deviants," and, ultimately, the genocide of the Jews. Through memoirs, state documents, and historical accounts, the class will examine life from the vantage point of perpetrators, accommodators, victims, and resisters. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 336 Modern European Intellectual History 3 Credits
Examines the 17th-century revolution in scientific, philosophical, and political thought; the Enlightenment; Romanticism; the ideologies of Conservatism, Liberalism, and Socialism; Positivism; Darwinism; the crisis of European thought (1880-1914); and the major intellectual trends of the 20th century.

HIS 337 Post-1945 United States History 3 Credits
This course will magnify American society, politics, culture, and foreign policy from 1945 to the present, tracing the rise and fall of the "American Century". We will focus on topics such as the Red Scare, suburbanization, mass culture, the power of the presidency, the Civil Rights movement, Vietnam, disco, and the war on terror, offering students a unique opportunity to delve deeply into our recent past.

HIS 341 China in Revolution 3 Credits
Treats the Chinese Revolution in terms of political, economic, and social transformation.

HIS 342 Women in East Asia 3 Credits
Treats the history of the relationship between women and society in traditional East Asia and the modern transformation of their relationship.

HIS 343 Ottoman Empire and the Balkans 3 Credits
This course is divided into two parts. Part one examines the rise, zenith, and gradual disintegration of the Ottoman Empire, one of the greatest, most extensive, and long lasting empires in history, with special focus on the southeastern projection of Europe, known as the Balkan Peninsula. The second half of the course concentrates on Balkan history proper, from the First World War until the demise of communist regimes in the late 1980s. Lastly, we will consider contemporary developments, especially the breakup of Yugoslavia and its aftermath.This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 351 Warfare in History 3 Credits
Studies the evolution of international and intergroup conflict through the ages; principles, theories, and kinds of war; the great military practitioners and thinkers of world history. Briefly touches upon the American experience as a recent segment in world military and cultural history.

HIS 352 History of Socialism 3 Credits
Considers the historical development of socialist ideas and their adaptations from ancient times to the present, including ancient and Judaeo-Christian antecedents, Utopian Socialism, Marxism, Anarchism, Communism, and Democratic Socialism, emphasizing the historical comparisons among these schools. This course counts towards the fulfillment of the Global Perspectives element of the CLAS general education curriculum.

HIS 353 Oral History 3 Credits
A study of the theory and practice of oral history. Involves an examination of the methodology and functions of oral history, the nature and character of oral evidence, and the place of oral testimony within the historical discipline.

HIS 398 Special Topics in History 3 Credits
Advanced exploration of special topics, themes or methodologies in history. This course may be repeated for credit on different topics.

HIS 460 Research Seminar 3 Credits
Students produce a major research paper in this topical capstone seminar. Topics and themes vary by instructor. The seminar has a maximum enrollment of 16 students, so professors and students have an opportunity to work together closely over the course of a semester.
Prerequisite(s): HIS 260, and permission of instructor.

HIS 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Proposals must be approved by the Dean's Office no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours.
Prerequisite: Permission of instructor. When taken to substitute for HIS 460, HIS 260 and permission of instructor.

HIS 491 Internship in History 1-4 Credits
Internships to be offered each semester with such institutions as the New Jersey State Archives and the David Library of the American Revolution. Four credits may be taken for Category III History credit. Additional credits may be taken for Liberal Arts elective credit.
Prerequisite: Permission of internship coordinator.

Homeland Security (HLS)

Courses and Descriptions

HLS 202 The Political System - Theories/Theme 3 Credits
This course serves as a gateway to the subfields of comparative politics and international relations. The concept of the political system helps political scientists to organize political interrelations into patterns that allow systematic selection and interpretation of information and the study of processes and outcomes of politics in a variety of settings. The course introduces students to the main brands of normative theory prescribing the principles directing the operation of the political system, to some of the most important methods used to compare political systems and/or their components, and to the foremost approaches utilized in the study of the relations between political systems and their environments. Note: This course is cross-listed as POL 202. Students may not get credit for both HLS 202 and POL 202.

HLS 203 Homeland Security 3 Credits
The course is designed to help students increase their knowledge and understanding of homeland security policy. The course will consider why and how homeland security problems impact the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. The course will primarily examine policy making at the national level in the United States, but will also analyze examples at the state and local level, as well as placing U.S. policy in a comparative perspective. Note: This course is cross-listed as POL 203. Students may not get credit for both HLS 203 and POL 203.

HLS 204 Development and Structure of the US Intelligence Community 3 Credits
This course provides a historical review of intelligence following World War II. It will examine the major functions of intelligence, as well as intelligence as a part of the foreign policy process: collection, analysis, counterintelligence, and convert action. Students will be introduced to a range of collection procedures: human, open source, electronic, photographic, and signal, with emphasis placed on interpreting and writing intelligence summaries. Note: This course is cross-listed as POL 204. Students may not get credit for both POL 204 and HLS 204.

HLS 205 Spies, Double Agents, and Moles: The World of Counterintelligence 3 Credits
This course provides in-depth exposure to historical, open-source investigations and concepts that illustrate the defensive, offensive, investigative, and collection efforts of counterintelligence (CI) activities. This course looks through the ideological and political prisms of how and why the Western and Eastern blocs fought the Cold War with agents, double agents, sleepers, and moles, and how MICE (money, ideology, compromise, and ego) and RASCALS (reciprocation, authority, scarcity, commitment, liking, and social proof) caused thousands to betray their countries and become the 'enemy within'. Counterintelligence (CI) is a critical element of US national security policy and interests both in the United States and abroad, and the course will focus on activities that comprise counterintelligence functional activities, including the detection of espionage and elicitation; counterintelligence interviews/debriefings; and the collection of counterintelligence information.
Prerequisite(s): POL 100 or POL 102.

HLS 220 Terrorism & Counter Terrorism 3 Credits
This course introduces students to the arguments about the definition of terrorism, the historical use of terrorism and the roles of ideology, religion, and psychological factors that help explain and predict it. The course seeks to identify the components of national security policy aimed at countering such elements and their cost, both in financial and civil right terms. Finally, to illuminate both the definition and the policies discussed, the course will offer brief comparisons with other states, especially Israel, the UK, and Russia. Note: This course is cross-listed as POL 220. Students may not get credit for both HLS 220 and POL 220.

HLS 270 Networking/Telecommunications 3 Credits
This course provides an introduction to business data communications and networking. The Internet and OSI models are discussed. Network technologies include local area networks, backbone, wide area networks, and the Internet. Introduction to network design, security, and network management are also provided.
Prerequisite(s): CIS 185.

HLS 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as POL 300. Students may not get credit for both HLS 300 and POL 300.

HLS 301 Civil Liberties in the US 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as POL 301. Students may not get credit for both HLS 301 and POL 301.

HLS 304 Political Behavior: Fear, Risk and Crisis 3 Credits
The course focuses on various analytical approaches in behavioral political science. It does so by advancing students' knowledge of the cognitive aspects of whether citizens engage in various types of political behavior-e.g., voting/non-voting, the formation of political partisanship and ideology, issue perceptions, responding to risk and uncertainty in the political environment, and engaging in civic political participation. Note: This course is cross-listed as POL 304. Students may not get credit for both HLS 304 and POL 304.

HLS 311 Borders and the State 3 Credits
Borders have a prominent place in politics and human history. In the twentieth century, the best-known barriers were the militarized Maginot Line and the Iron Curtain. Today, the political popularity of borders persists but the nature and quality of these borders and the threats they were created to repel have changed. Modern borders are designed not to keep militaries out, but to deter a perceived invasion of "undesirables"—with terrorists and unwanted immigrants leading the list of state concerns. Nowhere is this more evident than along the geographic fault lines dividing rich and poor regions, e.g. the Mediterranean Sea and the U.S.-Mexican border region. This course will examine the dynamic interactions between the question of how to govern borders and the twenty-first century liberal state with its diluted sovereignty— due to immigration, trade and international laws and regimes.

HLS 314 Congressional Power and National Security Policy 3 Credits
The purpose of this course is for students to identify, examine, analyze, and interpret the role of Congress in shaping national security policy with a particular emphasis on the institution's role in the Global War on Terror. Particular attention is paid to the role of the US government being able to balance individual rights and liberties within the national security state. Last, the course also takes an in-depth analysis of the U.S. Congress, looking comparatively at how legislatures in other nations have dealt with crafting their own security policies. The course will address the following questions: First, what is the role of Congress in national security policy, what does it do, and why? Second, what are the various ways of studying the relationship between the legislative and executive branches of government in the US system as it relates to the Global War on Terror? Note: This course is cross-listed as POL 314. Students may not get credit for both HLS 314 and POL 314.

HLS 316 Presidential Power and National Security Policy 3 Credits
This course examines the development of the National Security State since the Second World War, and the ways in which it has affected, and been affected by, the Federal Executive. Topics to be covered will include the post-World War II redefinition of "national security", the Cold War (with a special focus upon war powers during Korea and Vietnam) and the changes that have occurred with the "War on Terror." Note: This course is cross-listed as POL 316. Students may not get credit for both POL 316 and HLS 316.

HLS 319 Terrorism, Revolutions and Political Violence 3 Credits
Revolutions are the mad inspiration of history. Trotsky's characterization calls attention to three important dimensions of violent political participation: the historical settings, ideology, and emotional fervor of the practitioners. The course focuses on these dimensions by analyzing revolutionary and terrorist movements in the 20th century. Special attention is given to the use of violence in the post-Cold War new world disorder. Note: this course is cross-listed as POL 319. Students may only get credit for one course: HLS 319 or POL 319.

HLS 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens' behavior. Note: This course is cross-listed as POL 325. Students may not get credit for both HLS 325 and POL 325.

HLS 334 Cyber Strategy 3 Credits
The course examines issues and challenges related to national security concerns and cybersecurity. The course provides students with tools and critical thinking skills in order to identify and analyze challenges and opportunities to the nation's cyber infrastructure. The emphasis of this course is on "hands-on" experience whereby students will "learn by doing" analysis.
Prerequisite(s): Completion or transfer of HLS 203 or HLS 204 or POL 100 or POL 102 or permission of instructor.

HLS 341 Cybersecurity Policy: Hacktivism and Cyberviolence 3 Credits
Hactivism is a process designed to be "the creative use of computer technology for the purposes of facilitating online protests, performing civil disobedience in cyberspace.
Prerequisite(s): Completion or transfer of HLS 203 or HLS 204 or POL 100 or POL 102 or permission of instructor.

HLS 346 The Politics and Ethics of Emergencies 3 Credits
This course explores historic and present day cases, ranging across Europe and the US, in which liberal democratic governments, under stress because of subversion, sabotage, invasion, rebellion, or the effects of economically caused chaos, take on emergency powers to become so-called "states of exception." While in some cases such states have imposed mild and limited emergency measures, others have employed more draconian measures, suspending, if not dissolving, constitutionally guaranteed civil liberties, often for indeterminate and protracted periods. How various states have behaved in emergency situations will be the major content of this course. Note: This course is cross-listed as POL 346. Students may not get credit for both HLS 346 and POL 346.

HLS 350 U.S. Foreign Policy and Security Policy 3 Credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation's military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold War world. Note: This course is cross-listed as POL 350. Students may get credit only once.

HLS 351 Critical Views of Global Security 3 Credits
This course will examine the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspective on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (enviroment, population movements, terrorism), and concepts of security ranging from state survial, to societal security, to unit level-variables such as Human Security. Note: This course is cross-listed as HLS 351. Students may not get credit for both HLS 351 and POL 351.

HLS 353 Cyber War 3 Credits
Cyber-attacks are a growing concern for the international community. When does a cyber-attack constitute an act of war, or is it merely an inconvenience? Is cyber power military power? How prevalent are such attacks, and to what extent can cyber-attacks lead to conventional conflicts? Will cyber-attacks by non-state actors render more power to such players in destabilizing states? This course explores the different types of issues experienced in cyber wars, including mechanisms through which targeting of communication technology could escalate tensions and lead to an armed conflict, and ways through which states and international organizations could limit the destructive potential of cyber technology.

HLS 361 Courts, Judges and Politics 3 Credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges. Note: This course is cross-listed as POL 361. Students may not get credit for both POL 361 and HLS 361.

HLS 363 Human Rights in Global Context 3 Credits
Examines human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as POL 363. Students may not get credit for both HLS 363 and POL 363.

HLS 420 Enterprise Security 3 Credits
Students will be provided with complete coverage of computer security in all forms including hardware, network, and software program security. Through hands-on labs, students will learn firsthand how enterprise systems can be comprised and how computer professionals can prevent and provide counterattacks for security intrusions.
Prerequisite(s): CIS 310 or permission of instructor.

HLS 491 Internship in NJ Homeland Security 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of field work per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

Human Resource Mgt (HRM)

Courses and Descriptions

HRM 312 Intro to Labor Relations 3 Credits
This course deals with the relationship of labor unions and management, the fundamentals of collective bargaining, and labor legislation. The structure and growth of unions as well as the relationships and problems that exist among private and public sector organizations, the labor force, and government are surveyed.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 313 Legal Aspects of Human Res Mgt 3 Credits
This course deals with the various laws that affect human resource management, including social insurance, legislation, minimum wage laws, OSHA , ERISA, as well as equal employment opportunity legislation. This course is concerned not only with the provisions of these laws, but also with their constitutionality, their effects, and how they are administered.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 315 Employee Selection & Training 3 Credits
This course explains the processes involved in selecting and training employees. With regards to selection, specific examples include, evaluating applicant credentials, administering pre-employment tests and complying with equal employment opportunity legislation. With regards to training, topics include assessing the need for training, designing effective training programs, utilizing methods such as technology to deliver training, and evaluating the effectiveness of training programs.
Prerequisite(s): MGT 310.

HRM 316 Employee Compensation Systems 3 Credits
The goal of this course is to familiarize you with the common methods of compensation used by today's organizations and how these methods could be used to increase motivation, job satisfaction, and performance in the workplace. To accomplish this, we will first discuss the bases of motivation in the workplace. Next, we will then talk about the various compensation options and techniques and the strengths and weaknesses of each in maximizing motivation and performance in an organization.
Prerequisite(s): MGT 310.

HRM 333 Employee Engagement 3 Credits
Employee Engagement is commonly described as a focused passion and enthusiasm that employees bring to their work that produces high-quality performance and positive organizational outcomes such as enhanced firm reputation, customer loyalty, and profitability. In this course, students will explore the concept and value of Employee Engagement, and strategies for energizing an organization's workforce. Projects and activities will focus on the role of the Human Resource function in measuring employee attitudes, designing relevant interventions, and influencing a culture of engagement.
Prerequisite(s): MGT 310.

HRM 441 Sel. Topics: Human Res Mgt 3 Credits
Deals with one area of study in the field of human resource management such as protective labor legislation, mediation and arbitration, the administration of labor unions, or case problems in human resource management. The topic varies each semester and is announced at the time of registration.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or HRM major elective.
Prerequisite(s): MGT 310 or permission of instructor.

HRM 491 Internship 1-4 Credits
Provides the student with the opportunity to supplement and apply human resource management coursework in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing work experiences. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): Junior or Senior; Major in human resource management and MGT 310; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

HRM 492 Internship in Human Res Mgt 3 Credits
Provides the student with the opportunity to supplement and apply their human resource management classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions. 2.75 GPA overall and 3.0 GPA in the major is required.
Prerequisite(s): major in human resource management or management and leadership, and MGT 310; senior status; and permission of instructor.

Integrated Sciences (SCI)

Courses and Descriptions

SCI 480 Science Seminar Series 1 Credits
A companion 1 credit pass/fail seminar series to the Science Seminar series. Students in this class will critically evaluate journal articles in multiple scientific disciplines suggested by speakers and discuss them with peers and faculty mentors.

Interdisciplinary Studies (IND)

Courses and Descriptions

IND 101 Introduction to Education 3 Credits
High School Partnership introduces high schools students to the teaching profession through four main tenants: growth and development of learners, history, structure, and trends in teaching, classroom instruction, and analysis and reflection. Facilitated by their teacher-mentors (instructors of the course), students will work in small groups to learn about the development and structure of the American education system, explore careers in the teaching profession, analyze ways a teacher's personality, disposition, and cultural competence impact how students learn, and observe, develop, implement, and evaluate lesson plans and teaching strategies. Students will have the opportunity to explore the various joys and challenges of teaching diverse learners in today's classrooms along with an opportunity to examine their own motivations of why they wish to pursue the teaching profession.

IND 133 Creativity: Edu & Psych Persp 3 Credits
This course will examine both psychological and educational research about creativity. It will consider the various definitions of creativity that have guided research and theory; compare current theories of creativity in the fields of education and psychology, including cognitive, personality, and motivational theories; review research regarding what has been termed the "dark side"of creativity, including possible links to mental illness; and consider if and how schools and colleges might include creativity in admissions and promote creativity among students.

IND 200 Study Away 3-17 Credits
Study Away programs are domestic, off-campus programs that enable students to engage in experiential learning complemented by academic credit-bearing coursework at an accredited institution.
Prerequisite(s): 2.5 GPA, sophomore standing or above, and permission of Dean required.

IND 210 Global Encounters 3 Credits
This course provides students with an exposure to foreign cultures consisting of both travel and study components. Destinations may include countries in Europe, Latin America, or Asia. While traveling, students will be required to attend lecture/discussion sessions, site tours, and other planned activities. This experience will be preceded and/or followed by additional academic work to be conducted on campus. Study topics may include aspects of the historical, social, economic, political, and aesthetic cultural components appropriate to the location(s) visited. The travel component of the course will be scheduled to avoid conflict with normal semester offerings. A travel fee is required. No foreign language skills are required unless otherwise indicated.

IND 233 The Development of Children's Imagination 3 Credits
The Development of Children's Imagination will introduce students to key theories and research in developmental psychology related to the development of children's imaginations. It will focus especially on children's literature and how experiences with fiction in a variety of media influence the development of children's imaginations. Students will be introduced to relevant theory and research from the fields of developmental psychology and children's literature in class meetings at Rider University on weekends during Spring Term and use Disney World as a "laboratory" in which to apply developmental theory in a real-world context soon after Commencement.

IND 252 Cultural Transition: From China to U.S. 3 Credits
The primary purpose of this course is to help Sanda students adapting to American culture and college life at Rider. As a sequenced two-semester course, it will introduce students to a number of carefully selected intercultural theories/concepts that best explain major differences between Chinese and American culture and communication. In addition, this course is also designed to help Sanda students improving both oral and written communication in English. During the course, each Sanda student will be paired with a Rider student who takes Chinese language classes his or her study partner. This partnership is meant to be mutually beneficial to both Sanda ad Rider students. Through their interaction, they can help each other to learn about their respective target languages and cultures. They will also be assigned a final project, such as a radio show or a presentation at the cultural event on campus, which will illustrates their effective collaboration and their understanding of each other's language and culture.

IND 300 Supervised Study 1-4 Credits
Juniors and seniors in good academic standing who, for reasons beyond their control, find that a required course has not been scheduled before they expect to graduate, may receive permission from a faculty sponsor, the chairperson, and the dean to register for a supervised study. Appropriate forms (available in the dean's office) must be completed and approved no later than the last day to add courses for the semester in which the supervised study is to be undertaken.

IND 316 Nature's Business 3 Credits
This interdisciplinary, team-taught, experiential learning course brings together various science, liberal arts, and business perspectives in examining the relationships among biological, social, environmental, economic, geological, and political issues. Topics to be discussed and researched by students can include, but are not limited to, ecotourism, sustainable development, biodiversity, local and regional environmental and historical geology, cultural norms, and the legal and political systems of the country being visited. The study tour component of the course provides students with a first-hand opportunity to observe and record field data from settings outside of the United States and in their discipline of interest. Typically, there are approximately 12 hours of pre-trip lectures, seminars, and/or faculty/student presentations during the fall semester, an international study tour, 9-14 days in length, during January (exact dates and length depend on the international location), and approximately three hours of post-trip meetings, seminars, and student presentations during the spring semester. Students enroll in the course during the spring semester. Note: This course is cross-listed as CBA 316; Students may not get credit for both CBA 316 and IND 316. For Business students who take the course as CBA 316, the course will count as a business course. If taken as IND 316, the Business student will receive credit as a liberal arts and science course.
Prerequisite(s): Permission of Instructor.

IND 350 The Rider Shadow Experience 1 Credits
The Rider Shadow Experiences provides students with the opportunity to gain hands-on experience in a professional setting connected to their academic goals and career plan. The Shadow Experience helps students connect classroom learning to real-world applications and build mentoring relationships and networking skills. Students must have a GPA minimum of 3.0 and submit an application with at least one letter of recommendation from a member of the Rider Faculty. IND 350 is a pass/fail course.
Prerequisite(s): This course is open to students with 45 or more completed credits.

IND 381 Training Residence Educ I 1 Credits
The focus of this course will be on the basics duties and skills of the resident advisor position. The skills introduced in this course will be used in their role as a resident advisor and will also enhance their everyday lives. Participation in shared learning experiences will be part of this course.

IND 382 Training Residence Educ II 1 Credits
This course builds upon the skills learned in IND 381, providing continued support and training for students to become successful resident advisors or house managers. Students will gain a greater understanding of the RA/HM position through the discussions and written reflection on their job experiences. Out of class readings will be used to reinforce the basic policies and procedures they have learned, as well as emphasizing the types of personal characteristics that will allow one to excel in the position. Participants are exposed to leadership content that deals with concepts such as diversity, teamwork, critical thinking, ethical decision making, and peer leadership.

IND 383 Training ResIdence Educ III 1 Credits
A reinforcement of the skills learned in IND 382 through discussions and written reflections of job experiences. Basic policies, procedures and leadership characteristics will be emphasized. Students will further examine the various concepts of diversity, teamwork, critical thinking, ethical decision making and peer leadership.

IND 398 The Co-Operative Experience Seminar 3-6 Credits
This course will typically meet one day per week during the co-operative experience. The seminar is designed to expose participants to appropriate interdisciplinary content, ethical principles, professionalism, group and organizational behavior, interpersonal communication skills, critical thinking and problem solving skills. Students may be assessed on presentations, papers, journals and other measures as defined in a placement contract mutually agreed upon by the sponsoring faculty member, the organizational representative of the placement site, and the student. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. Contact the appropriate department for additional information. Must have a 2.75 GPA at time of registration. Prerequisite(s): junior standing.
Corequisite(s): (dept) 399 The Cooperative Experience; IND 398 and (dept) 399 combined cannot exceed 15 credits.

IND 403 New Literacy for New Learning 3 Credits
As we consider the 21st century's rapid expansion of information and text it is timely to take a critical view of what literacy means in the 21st century. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid (a mix of online and face-face meetings) course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for our own work as readers and writers across the varied disciplines and social and professional settings in which we engage as well as how we make sense of the information that streams across our bound books, our digital devices, and our visual landscapes. What counts? What doesn't? How do we decide? Is the 21st century digital context in which we are situated shaping literacy differently than before the information explosion?.

IND 490 Independent Study: Research and Creative Expression 3 Credits
Students who wish to pursue special topics that they have become interested in as a result of course work may take up to 12 semester hours of independent research and study toward graduation. To be eligible for independent research and study, however, a student must be a junior or a senior in good academic standing. Only one project can be scheduled in a semester, and for no more than four semester hours. Each independent research and study proposal must be approved by a faculty sponsor, the department chairperson, and the dean of liberal arts an sciences by no later than the third week of the semester in which the project is to be conducted.

International Study (INT)

Courses and Descriptions

INT 314 Study Abroad 12-18 Credits
Study Abroad options available to students through Rider study abroad agreements include a wide variety of academic locations and courses. Programs may include opportunities for intensive language study as well as courses in other academic disciplines that may include the local culture, literature, art, music, history, or politics of the site selected for study. Some sites provide courses taught in English. Students may be approved to enroll in Study Abroad for a semester, summer session, or a full year. Additional information is available from the study abroad office.
Prerequisite(s): 2.5 GPA; sophomore standing or above.

INT 315 Study Abroad 12-17 Credits
Study Abroad options available to students through Rider study abroad agreements include a wide variety of academic locations and courses. Programs may include opportunities for intensive language study as well as courses in other academic disciplines that may include the local culture, literature, art, music, history, or politics of the site selected for study. Some sites provide courses taught in English. Students may be approved to enroll in Study Abroad for a semester, summer session, or a full year. Additional information is available from the study abroad office.
Prerequisite(s): 2.5 GPA; sophomore standing or above.

INT 316 Study Abroad 1-14 Credits
Study Abroad options available to students through Rider study abroad agreements include a wide variety of academic locations and courses. Programs may include opportunities for intensive language study as well as courses in other academic disciplines that may include the local culture, literature, art, music, history, or politics of the site selected for study. Some sites provide courses taught in English. Students may be approved to enroll in Study Abroad for a semester, summer session, or a full year. Additional information is available from the study abroad office.
Prerequisite(s): 2.5 GPA; sophomore standing or above.

Italian (ITA)

Courses and Descriptions

ITA 100 Italian I 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the first part of the first year experience in Italian during which the development of communicative and cultural competencies are at the center of this experience. At the end of the course, successful students will be able to communicate short messages on highly predictable, everyday topics that affect them directly. They will also develop a sense of the cultural aspects of people who speak the target language. Cultural components include the importance or regions in the construction of Italian identity; differences in American and Italian school and university systems; the role of the family in Italian life. The course is conducted in Italian. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.

ITA 101 Italian II 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the second part of the first year experience in Italian during which the development of communicative and cultural competencies are at the center of this experience. At the end of the course, successful students will be able to handle successfully a variety of uncomplicated communicative tasks in straightforward social situations. They will also develop a sense of the cultural aspects of people who speak the target language. Cultural components include differences between American and Italian cuisines, sports, routines, and healthcare systems. The course is conducted in Italian.
Prerequisite(s): ITA 100 or LL 145 or Placement Test.

ITA 200 Italian III 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the third part of the four-semester sequence in Italian. At the end of ITA 200, successful students achieve proficiency in Italian at the intermediate level in oral expression, listening comprehension, reading of short texts, and writing. Students will be able to successfully navigate conversational and written Italian in cultural contexts related to course themes: personal relationships, Italian communities, hobbies and free time activities, the value of social and political ideas, the Italian family across the generations. The course is conducted in Italian. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.
Prerequisite(s): ITA 200 or LL 247 or placement test.

ITA 201 Italian IV 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive and presentational communication skills as well as growth in cultural, literary and interdisciplinary knowledge as they move through a sequence of study. This course is the fourth and final part of the four-semester sequence in Italian. At the end of ITA 201, successful students achieve proficiency in Italian at the intermediate level in oral expression, listening comprehension, reading of short texts, and writing. Students will be able to successfully navigate conversational and written Italian in cultural contexts related to course themes: societal changes in Italian culture, science and technology, Italian contributions to the arts, media, and the culture of business in Italy. The course is conducted in Italian.
Prerequisite(s): ITA 200 with a minimum grade of D or LL 247 with a minimum grade of D. This course fulfills LAS Core Curriculum Requirement I. Essential Competencies: Foreign Language.

Language & Literature (LL)

LL 037 College Reading and Writing 3 Credits
Required for students placed into this course as a result of the basic skills English testing program. This intensive course reviews effective reading, writing, and study processes and leads students to the level of mastery required to begin CMP 125 Seminar in Writing and Research.

LL 280 Sacred Texts and Literature 3 Credits
Explore the cultural, theological, and artistic contexts of key themes (e.g. creation, journey, forgiveness, love) in the sacred texts of the major historical world religions as they are portrayed in contemporary poetry and drama, and in novels that have been adapted to film
Prerequisite(s): CMP 125 or CMP 120 or BHP 150.

LL 282 Major Poets 3 Credits
This course introduces students to poetry via the reading and analysis of different poetic forms. While reading, listening to, performing and discussing poems from a wide cultural spectrum, students learn to evaluate and appreciate poetry by understanding such elements as metaphor and persona.
Prerequisite(s): CMP 125 or BHP 150.

LL 285 Writing About Music: A Seminar for Performers, Teachers, and Academics 3 Credits
A writing intensive course focusing on the essential writing tasks encountered by musicians in their roles as performers, teachers, and scholars.
Prerequisite(s): BHP 150 or CMP 125.

LL 327 Dante's Commedia 3 Credits
An introduction to Dante Alighieri's Commedia ("Inferno", "Purgatorio" and "Paradiso") exploring key ethical and aesthetic elements of the poem through close reading and critical analysis of the primary text.
Prerequisite(s): BHP 150 or CMP 125.

LL 490 Independent Research and Study 1-3 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

Law and Justice (LAW)

Courses and Descriptions

LAW 140 Intro Seminar in Law & Justice 3 Credits
Introduces students to the interdisciplinary study of law and justice. The seminar is designed to enable students to think critically about legal issues, address legal problems from various viewpoints, and apply different types of theories of justice to analyze laws and legal institutions. Students will learn to examine law and legal issues from a variety of perspectives and approaches: anthropological, historical, literary, philosophical, political, psychological, and sociological. Open to freshmen and sophomores only.

LAW 305 Trial Advocacy 3 Credits
Students will apply fundamental legal concepts and rules of evidence to specific cases. By engaging in trial simulations, students will evaluate various forms of evidence, identify legal principles and evidentiary rules that impact a criminal trial, learn about trial procedures, pursuit of case theories, and witness, exhibit and jury selection.

LAW 308 Conflict & Conflict Resolution 3 Credits
Focuses on understanding the meaning of conflict and strategies for its resolution. The course examines the ways conflict functions in various social contexts including professional, community, family, education, and international relations. Traditional models of adjudication will be compared to alternative forms of dispute resolution. Students will be introduced to research on the practice and effectiveness of various forms of conflict and conflict resolution. Students will participate in various class exercises, including role-plays, simulations, and case studies.

LAW 310 Cyberspace Law and Policy 3 Credits
Explores the legal and policy concerns raised by the Internet, nationally and globally. The course considers issues of legal regulation of the Internet, and consider the debate about whether cyberspace can or should be regulated. Attention will be given to the applicability of principles of law and models of regulation. Topics addressed will include jurisdiction, freedom of expression, intellectual property, privacy protection, safety concerns, equal access, electronic commerce, and computer crime.

LAW 355 Sports and the Law 3 Credits
Examines the legal, ethical, economic, social and managerial issues related to sports. Topics include liability issues, contracts, employment discrimination, antitrust law, and constitutional law. Note: This course is cross-listed as SPT 355. Students may not get credit for both LAW 355 and SPT 355.

LAW 395 Selected Topics in Law/Justice 3 Credits
Studies specialized areas of scholarship related to laws, legal institutions, legal or law- related occupations, and/or legal decision making. The course will provide an interdisciplinary examination of a selected topic. Topics vary and are listed in the course roster.

LAW 450 Law & Justice Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of law and legal institutions and applies it to a specific legal topic, method, institution, or controversy. Topics will vary. Students explore the social, political, ethical, and economic issues relevant to the topic. Students will be expected to contribute to seminar discussions and to complete projects related to the seminar theme. Required for seniors in law and justice minor and open to others by permission of the Director of the Law and Justice Program.

LAW 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

LAW 491 Internship in Law and Justice 1-4 Credits
Provides supervised work experience in an institution, office, or agency related to law or law enforcement, such as courts, prosecutor/defense attorney offices, private law offices, state agencies, and local police departments. Students are expected to apply and broaden the knowledge obtained from law and justice minor courses to their fieldwork experience.
Prerequisite(s): 2.75 GPA and permission of the Director of the Law and Justice program.

LAW 496 Honors Thesis in Law & Justice 3-6 Credits
Entails substantial research and writing on a topic selected by the student. Proposals must be reviewed and approved by the law and justice program committee. Proposals must be submitted at least four weeks prior to course registration.
Prerequisite(s): Seniors in the minor with a minimum cumulative GPA of 3.25 and a 3.25 GPA in law and justice minor courses.

Leadership Development Program (LDP)

Courses and Descriptions

LDP 200 Foundations of Leadership 3 Credits
This course provides students with a working model of leadership to guide their personal leadership development. It also exposes students to insights about leadership from respected commentators, scholars, and practitioners. Finally, it provides students with an opportunity to actively "do" leadership through experiential learning activities.

LDP 220 Service Learning Through Minding Our Bus 3 Credits
A community service mentoring project designed to promote leadership, teamwork, and entrepreneurship among Trenton youth through a school-based team mentoring model. Students will undergo intensive training in leadership skills, communication skills, team building skills, cultural diversity, small business entrepreneurship, and problems of early adolescent development prior to their fieldwork experience. Students will form teams to mentor groups of students at a Trenton middle-school in the creation and management of their own microbusinesses. Student journals, quizzes, field trips and class meetings will serve to organize and structure experiential learning.
Prerequisite(s): permission of instructor.

LDP 398 The Co-op Experience Seminar 3-6 Credits
This course will typically meet one day per week during the co-operative experience. The seminar is designed to expose participants to appropriate interdisciplinary content, ethical principles, professionalism, group and organizational behavior, interpersonal communication skills, critical thinking, and problem solving skills. Students may be assessed on presentations, papers, journals and other measures as defined in a placement contract mutually agreed upon by the sponsoring faculty member, the organizational representative of the placement site, and the student. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. Contact the appropriate department for additional information. Prerequisite(s): junior standing and 2.75 GPA at time of registration.
Corequisite(s): (dept) 399 The Co-operative Experience; LDP 398 and (dept) 399 combined cannot exceed 15 credits.

Liberal Studies (LIB)

Courses and Descriptions

LIB 200 Intro to Liberal Studies 3 Credits
Introduces students to the various perspectives and methods of the disciplines in liberal studies: natural and social sciences, humanities, and the arts. Students learn the multifaceted questions and answers offered by each discipline. They study the historical development of the university and the rise and transformation of liberal studies disciplines.

LIB 400 Seminar in Liberal Studies 3 Credits
A critical examination of the tradition of Western humanism and the way it has been transmitted through liberal arts education. Deals with a variable set of permanent problems in humanistic debate and learning e.g., specialization, the need for unifying theories of knowledge, the purpose of history, the place of intellectual life in mass society, the meaning of freedom, the modern problem of alienation, the responsibilities of the university, etc. Emphasis on why and how such problems have been addressed rather than any presumptive solutions.

LIB 490 Independent & Supervised Study 1-4 Credits
Independent and Supervised Study is available to CCS students for special study projects. Students much have completed a minimum of 45 credits applicable to a Rider degree and a minimum of 12 credit hours at Rider with a GPA of 2.5 or better. Each project may be taken for one-four credits and a maximum of six credits may be applied to the associate degree, 12 credits to the bachelor degree.

Management Science (MSD)

Courses and Descriptions

MSD 104 Intro to Quantitative Methods 3 Credits
The aim of this course is to give students the preparation in algebra needed for successful completion of other required courses in management sciences and the functional areas of business administration. Topics covered include linear and quadratic equations and functions, systems of linear equations, exponential functions, logarithms, linear inequalities, radicals, percent change, scientific notation and scientific digits.

MSD 105 Quantitative Methods for Business 3 Credits
The aim of this introductory course is to acquaint students with a number of basic mathematical techniques that will enhance their ability to become effective decision-makers in a realistic business environment. Topics covered include linear equations and inequalities, linear programming, summation notation, geometric series, counting techniques, event probability and discrete random variables. Where appropriate, these tools will be illustrated with examples chosen from business settings.
Prerequisite(s): MSD 104 or a passing grade on the Math Placement Exam.

MSD 106 Quantative Methods for Business II 3 Credits
An introduction to calculus. The limit, derivative, optima and integral of a function of one variable, as well as optimization of a function of two variables, are covered. Applications to problems in business and economics are discussed.
Prerequisite: MSD 105 or equivalent.

MSD 110 Math for Actuarial Science I 3 Credits
The first of two courses designed to give the actuarial science student the necessary background in calculus. Topics include a brief review of a function, and introduces limits and continuity, the derivative and its applications, implicit differentiation, differentiating an inverse function, differentials, related rates, curve sketching, optimization problems, L'Hopital's rule, and an introduction to the indefinite integral. Fall.

MSD 111 Math for Actuarial Science II 3 Credits
A continuation of MSD 110. Topics include the definite integral and the fundamental theorem of calculus, change-of-variable theorems, the area between two graphs, integration by parts, improper integrals, infinite series, partial differentiation of a function of two variables and its optimization applications, and the double integral of a function of two variables.

MSD 205 Business Statistics 3 Credits
This course is designed to provide students with fundamental concepts, knowledge and tools from statistics that may be useful in one's attempt to reach intelligent conclusions in real-world settings, particularly in business applications. The focus is on the normal random variable, sampling distributions, framework of estimation and hypothesis testing, as well as the one-way ANOVA and simple regression model.
Prerequisite(s): MSD 105.

MSD 260 Principles of Risk Management 3 Credits
The objective of this course is to provide students with a broad framework for evaluating all types of risk, along with conceptual tools for making risk management decisions rationally. The course focuses on studying the risk assessment and management techniques, methods, and predictive models used in industry to minimize, control, and communicate risks, including conducting various risk management protocols. This course covers the fundamental knowledge for the Associate in Risk Management (ARM) Designation of Institutes.
Prerequisite(s): CIS 185.

MSD 301 Operations Management 3 Credits
This course introduces students to the concepts and techniques necessary to manage firm operations. The course emphasizes enhancing students' ability in problem-solving and decision-making by (1) identifying operations problems, (2) structuring decision-making process, (3) evaluating options that provide resolution of the problems using appropriate and proven techniques. It is well recognized that today's global business competition is among supply chains. Operations management concentrates on the supply side of the corporate strategy of a supply chain, where the bulk of the organization resources are committed. Good management of operations, which may also be called management of supply chain operations, is crucial in achieving an effective supply chain. The emphasis on systematic thinking and analytic decision model discussed the course will also provide students with necessary skills and useful tools in the emerging field of Business Analytics.
Prerequisite(s): MSD 200 or MSD 205 or MTH 341.

MSD 320 Statistics for Risk Modeling I 3 Credits
This is the first course in a two course sequence to prepare actuarial science students for the Society of Actuaries' (SOA) new exam "Statistics for Risk Modeling." This course (SRM I), together with the second course of the sequence SRM II, cover all the topics in the SOA's proposed syllabus for the exam. The course covers two major topics: (i) Generalized Linear Models, and (ii) Regression-based time series models and forecasting.
Prerequisite(s): MSD 205 or MTH 341.

MSD 325 Statistics for Risk Modeling II 3 Credits
This is the second course in the two course sequence to prepare actuarial science students for the Society of Actuaries (SOA) new exam "Statistics for Risk Modeling." This course, together with MSD 320, will cover all the topics in the SOA's proposed syllabus for the exam. This course examines the use of statistical learning methods to adequately model and understand complex datasets in business and economics. The use of the statistics software R to analyze realistic data sets is an important component of the course. Topics include: (i) Basics of Statistical Learning; (ii) Principal Components Analysis; (iii) Decision Trees; and (iv) Cluster Analysis.
Prerequisite(s): MSD 205 or MTH 341 or equivalent course.

MSD 330 Predictive Modeling and Applications 3 Credits
This course covers a broad range of predictive models in the areas of parametric and non-parametric statistical methods. Examples include time series models and data mining. It focuses on building theoretical foundations underlying these methods and their applications to empirical data such as forecasting time series and classifications. Students are expected to acquire advanced predictive modeling skills and be comfortable with using statistics software R after taking this course. This is a required course for Actuarial Science students in preparation for the Society of Actuaries' "Statistics for Risk Modeling" exam, and an elective course for Business Data Analytics major and minor students who are interested in deepening their skills in predictive analytics.
Prerequisite(s): MSD 205 or MTH 341.

MSD 350 Financial Mathematics 3 Credits
A thorough treatment of the theory and applications of compound interest. Topics include the measurement of interest, elementary and general annuities, amortization schedules and sinking funds, and bonds and other securities.
Prerequisite(s): MSD 205 or equivalent. Fall.

MSD 361 Risk Assessment and Analysis 3 Credits
This course teaches students how to evaluate, and successfully treat risk in different organizations with advanced techniques. Students will learn about risk assessment methodologies, and different tools for risk analysis to avoid, retain, transfer, and benefit from risk. By the end of the course, students will have the skills needed to apply risk assessment and analysis methods in real-world situations. This course provides additional knowledge and hands-on experience for the Associate in Risk Management (ARM) Designation of Institutes.
Prerequisite(s): MSD 260.

MSD 490 Independent Research and Study 3 Credits
Topic to be approved by professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation.

MSD 491 Management Sciences Internship 3 Credits
This Internship course will provide students with supervised employment (approximately two months) with participating companies. Students are given a variety of work experiences. They are required to complete a term paper for the faculty and receive feedback from the supervised employment.
Prerequisite(s): Permission of instructor.

Management and Leadership (MGT)

Courses and Descriptions

MGT 201 Fund Management & Org Behavior 3 Credits
This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.
Prerequisite(s): minimum 30 credits completed.

MGT 310 Intro to Human Resource Mgmt 3 Credits
This course deals with the nature of human resource management, its functions, procedures, and practices currently found in profit, non-profit and public sector organizations. Topics covered include recruiting and selection, t raining, human resource development, equal employment opportunity, performance appraisal, diversity, job analysis, compensation, and employee rights and discipline.
Prerequisite(s): MGT 201 or PSY 210.

MGT 320 Managing Workforce Diversity 3 Credits
Demographic shifts, changing patterns of labor force participation, global competition, and a growing cultural emphasis on the celebration of difference have all contributed to the creation of diversity as a hot topic in management. This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the United States today. We will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious- gender, race, age, and physical characteristics. Other differences are not as easily observed - family structure, educational level, social class, and sexual orientation. This class incorporates experiential learning techniques for personal growth.
Prerequisite(s): MGT 201 or PSY 210.

MGT 329 Research Methods in Organizational Psychology 4 Credits
his course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 329L Research Methods: Org Psy Lab 0 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.

MGT 336 Career Management 3 Credits
How careers are shaped by individual needs and experience and assisted by organization systems and practices is the focus of this course. The meaning of work and the development of careers are discussed, and students undertake self-assessment for the purpose of career planning. Careers are examined in the context of important changes occurring today in the world of work. The impact of the executive, organizational counselors and trainers, and the educational system upon the development of human potential is examined, along with the techniques for human resource planning and development.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 346 Negotiation 3 Credits
The purpose of this course is first, to explore the major concepts and theories behind effective negotiating practices and second, to develop negotiating skills applicable to a wide range of contexts. A knowledge of negotiation is a crucial requirement for anyone interested in a business career since it is a common mechanism for implementing change and for resolving conflict in the workplace. Topics will include two-party negotiations, power and politics, mediation, arbitration, and collective bargaining. A variety of teaching techniques will be used including readings, discussion, and role-playing.
Prerequisite(s): MGT 201 or permission of the instructor.

MGT 355 Team Management 3 Credits
This course prepares students to work in organizations that use teams as an integral part of their functioning-an increasingly common practice. The class involves intensive group interaction, focusing on individual growth in group settings. Working with other students in role-plays, exercises, and team assignments allows the student to develop better communication and leadership skills.
Prerequisite(s): MGT 201 or PSY 210.

MGT 363 Management Skills 3 Credits
The focus of this course is on specific skills necessary for success in a management role. These skills include leading, communicating effectively, delegating, conflict and time management and motivating others. Students will have opportunities to practice skills and to apply their knowledge to business cases.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 375 International Management 3 Credits
This course explores the ways in which culture impacts management practices and organizational behavior and dynamics. Topics include cross cultural communication, expatriate selection and training, leading and motivating cross cultural teams, developing organizational strategies to compete in a global market place, international business ethics, and current topics.
Prerequisite(s): MGT 201.

MGT 399 Co-Op in Management and Leadership 6 Credits
This co-op program provides management students with an opportunity to work full-time in a company and apply what they have learned in their Management and Leadership classes. It also enhances students' employment opportunities since many employers use a co-op program as a first step before they hire full-time employees. Students are evaluated periodically by senior staff members of the participating firms and are required to complete a work journal and reflection paper. Supervising faculty will meet with the student regularly to discuss their progress and accomplishments in the co-op. Co-op credits can be applied toward business or free elective requirements.
Prerequisites: Junior status with a minimum overall GPA of 3.0, and a minimum GPA of 3.0 in the major.

MGT 410 Ethical Management 3 Credits
Managers today face a broad range of ethically challenging situations. This course will help students to confront and analyze ethical dilemmas effectively in the workplace. Cases, simulations, hands-on content will engage students with the material, and will generate robust class discussion.
Prerequisite(s): Completion of MGT 201 and Leadership Requirement course.

MGT 421 Sel Topics:Mgt & Organztn Behv 3 Credits
The seminar focuses on an area of study announced at the time of registration (students should check the registration material). Examples of possible topics are: leadership, motivation, and organizational behavior research. Prerequisites vary according to the topic and are listed in the registration material.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 450 Advanced Leadership 3 Credits
Leadership is the ability to influence a group of people towards a goal. In this course, students will increase their own leadership capacities so that they can become effective leaders of organizations and teams. They will integrate what they have learned from their experience and other coursework with diverse reading and writing assignments and team projects as they explore complex leadership issues related to vision, communication, motivation, ethics, team dynamics, power, and change management.
Prerequisite(s): MGT 201; Leadership elective (LDP 200, LDP 220, LDP 398, MGT 355, MGT 363).

MGT 490 Independent Research and Study 1-4 Credits
Topic to be approved in advance by supervising instructor, chairperson, and academic dean. Available for juniors and seniors. No more than 12 credits allowed toward graduation, and can be used as free elective or MGT major elective.
Prerequisite(s): MGT 201 or permission of instructor.

MGT 491 Intern Management/Org Behavior 3 Credits
Provides the student with the opportunity to supplement and apply their management and leadership classroom work in a supervised employment setting with participating companies. Requirements include a journal with a log of daily activities and a paper summarizing their experiences submitted to the internship supervisor. Students will receive a letter grade based upon their internship performance, as well as their performance on the journal and final paper submissions.
Prerequisite(s): major in management and leadership or human resource management and MGT 363, or senior status; Requires a 2.75 GPA overall and 3.0 GPA in the major and permission of the instructor.

Marine Sciences (MAR)

Courses and Descriptions

MAR 120 Oceanography 3 Credits
In this course, students will investigate the geological, chemical, physical, and biological processes that shape the ocean. Emphasis will be placed on how these processes interact with each other and with human populations. These interactions influence important global phenomena that impact all our lives, including weather and climate, the distribution of marine organisms and other natural resources, and coastal processes. Understanding these phenomena will enable students to make more informed decisions and contribute to serious global marine issues. Students will learn through a combination of hands-on exercises designed to foster a deeper understanding of the scientific content as well as the scientific process, practical experiences with real data, readings, and some lectures. CLAS general education areas addressed: DP & GP.

MAR 121 Introductory Oceanography Lab 1 Credits
This lab course introduces students to the fundamental aspects of geological, chemical, physical and biological oceanography. Students learn through inquiry-based, hands-on exercises and activities using actual data collected in the lab and in the field. Independent projects and local field trips during lab and on weekends may be required. One three-hour lab per week. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): MAR 120 or GLS 120 or as prerequisite(s).

MAR 210 Marine Life through Time 4 Credits
Survey of the important developments in marine life over the last three billion years from the Pre-Cambrian evolution of one-celled organisms, through the Cambrian explosion of complex marine invertebrate life and subsequent diversification of backboned organisms in the Ordovician time, to the colonization of marginal marine and freshwater habitats in the Silurian-Devonian geological periods, and ultimately to extinctions during global crises of the late Devonian, Permian, Triassic, Cretaceous, and Pleistocene time intervals. The emphasis is on evolutionary adaptive breakthroughs within each phylum, particularly the significant morphological and anatomical innovations, and the subsequent radiation of these higher taxa into new habitats and niches through geologic time. Three hours of lecture and one three-hour lab per week.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 210L Marine Life through Time Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Corequisite(s): MAR 210.
Prerequisite(s): GEO 100 & GEO 102; or GEO 113 & GEO 102 (can be signed in to take 102 with 113); or BIO 115; or BIO 116; or permission of instructor.

MAR 290 Directed Research and Study in Marine Sciences 1-4 Credits
Provides an opportunity for freshman and sophomore students to gain hands-on research experience in the marine sciences. This is an individual program of study and each student will work with a selected faculty member on a topic of mutual interest. The course consists of a combination of project meetings, supervised research, and guided readings. The focus will be on formulating research questions, designing and conducting experiments, collecting the necessary data, reviewing the scientific literature as it relates to each student's research topic in a weekly meetings with the instructor, and communicating the findings by writing a final project report.

MAR 300 Introduction to Field Marine Science 4 Credits
In this two-week field course, students will explore various topics in marine science through practical, hands-on, inquiry-based exercises and activities. The course will focus on the biological, geological, chemical, and physical processes that influence diverse marine flora and fauna found in selected marine environments, emphasizing shallow subtidal and intertidal environments such as coral reefs, sandy beaches, turtle grass beds, rocky intertidal pools, coastal wetlands, mangrove swamps, etc. Topics will be examined using field team exercises, a group mapping project, and individual research projects. Activities will help students develop their skills in research, use of field and laboratory equipment, computer analysis of data, and scientific writing, along with gaining content knowledge about the components and processes of environments studied. The course is taught at an appropriate marine field station at a U.S. or international location. Field portion of course is completed during the summer. Additional travel costs vary, depending on location.
Prerequisite(s): BIO 115 or 116 or any 200 or higher level lab science class; and MAR 120; and permission of instructor.

MAR 325 Marine Vertebrates 4 Credits
A survey of the biology of marine vertebrate animals, including fish (jawless fish, sharks, rays, and bony fish), reptiles (sea turtles and sea snakes), sea birds, and mammals (manatees, seals, and whales). The evolution, physiology, natural history, ecological relationships, and human interactions of these groups are emphasized. Three hours of lecture and one three-hour lab per week. Field trips may be required. Prerequisite(s): BIO 272 and BIO 272L.
Corequisite(s): MAR 325L.

MAR 325L Marine Vertebrates Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 325.

MAR 340 Marine Processes and Environments: Seminar 3 Credits
This course is designed as a seminar course. Therefore, students will learn to lead class discussions, to analyze and critique peer-reviewed journal articles, and to enhance their presentation skills. Students will interpret graphical, spatial, and numerical data to support their positions. Content will emphasize the interactions among marine processes, biological features, and geologic landforms.
Prerequisite(s): MAR 120 or GEO 100; GEO 306.

MAR 360 Plankton Ecology 4 Credits
Examines the diversity, physiology, and ecology of marine phytoplankton and zooplankton. Students will survey the dominant plankton groups, their distribution, nutritional requirements, growth kinetics, and behavior. Planktonic predator/prey interactions and food web dynamics will be discussed. Students will also examine the interdisciplinary nature and role of plankton in biogeochemical cycles. Three hours of lecture and one three-hour lab per week. Weekend field trips may be required. Prerequisite(s): MAR 120 and MAR 121; or BIO 116.
Corequisite(s): MAR 360L.

MAR 360L Plankton Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 360.

MAR 380 The Learning and Teaching of Marine Science 4 Credits
This field-based course provides a practical experience in integrating marine science with pedagogical concepts. Students will use scientific methodology to explain marine ecosystems through specially designed, inquiry-based exercises. During these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. Hands-on, field-based exercises will provide experience with a diversity of marine habitats and the biological, geological, hydrological, and physical processes that influence them. Visited habitats can include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. As a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom use.

MAR 401 Marine Ecology 4 Credits
The purpose of this course is to introduce students to fundamental principles in ecology, as it relates to marine systems. Topics include the marine environment and its influence on the organisms living there; biodiversity and speciation; factors regulating population dynamics in marine systems; larval and fisheries ecology; species interactions such as predation, competition, and symbiosis; factors regulating productivity and energy flow in marine systems; and marine conservation. Hands-on laboratory exercises will provide students with the opportunity to design and conduct experiments related to marine ecology, and to collect, analyze, and interpret data from those experiments. Ecosystem modeling will also be introduced. Three hours of lecture and one three-hour lab per week. Weekend field trips may be introduced. Prerequisite(s): BIO 272, BIO 272L.
Corequisite(s): MAR 401L.

MAR 401L Marine Ecology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): MAR 401.

MAR 410 Physical Oceanography 3 Credits
Introduction to the physical aspects and processes of the oceans and their influence on marine ecosystems and Earth processes. Topics include distribution of salinity and water temperature and their effect on water movement, the oceanic heat budget, atmospheric and oceanic interactions, ocean currents including surface and deep water circulation, waves, tides, and medium- to small-scale circulation features. Throughout the course, emphasis is placed on how these physical processes affect the biology and chemistry of the ocean. Three hours of lecture per week. Weekend field trips may be required.
Prerequisite(s): MAR 120.

MAR 480 Senior Thesis 3 Credits
A senior thesis is optional for marine sciences majors. However, a senior thesis is required for eligibility to graduate with honors in marine sciences. The topic for investigation will be chosen by the student in consultation with the faculty of the Department of Geological, Environmental, and Marine Sciences. The student must initiate consideration of a proposal to the Department. The proposal must contain a discussion of the proposed project and a timetable to be followed in the study. A departmental committee consisting of a major and minor advisor will evaluate the written paper submitted at the conclusion of the study or other approved venue. An oral presentation before the department at the conclusion of the semester in which the study is completed is required. Proposals must be submitted in final form no later than the end of the ninth week of the semester prior to the semester in which the study is undertaken.
Prerequisite(s): senior standing in the marine sciences major and permission of department chair.

MAR 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in field or laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

MAR 491 Internship in Marine Sciences 1-4 Credits
A supervised work experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placements may be in private, public, non-profit, or governmental organizations. These can include consulting firms, regulatory agencies, advocacy groups, and educational or research institutions. Normally, 50 hours of internship per credit is required. A mutually agreed upon method of evaluation will be formalized prior to the approval of the internship by the sponsoring faculty and could include a term paper or project report and a poster presentation.
Prerequisite(s): 2.5 GPA and permission of instructor.

Marketing (MKT)

Courses and Descriptions

MKT 200 Marketing Principles 3 Credits
This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.
Prerequisite(s): 15 credits.

MKT 205 Advertising Principles 3 Credits
Basic theory, functions, principles, and applications of advertising are the focus of this course. The relation of advertising to our economy, the advertising department and the ad agency, selection of media, advertising practices, and the use of research to improve advertising techniques are covered.
Prerequisite: MKT 200.

MKT 250 Retailing Management 3 Credits
The principles underlying successful retailing are analyzed within the framework of the strategic-planning process. Topics covered include location, merchandise planning, customer service, image, atmosphere, layout, pricing, promotion, personnel and operations management.
Prerequisite(s): MKT 200.

MKT 260 Service Marketing 3 Credits
Focuses on the unique challenges of managing services and delivering quality service to customers. Emphasis is placed on the total organization, and how effective marketing and customer focus must be coordinated across multiple functions. The course is applicable to service organizations and to organizations that depend on service excellence for competitive advantage. Topics include customer-focused management, and customer satisfaction, retention, lifetime value and profitability. Students will learn to map services, understand customer expectations, and develop relationship marketing strategies.
Prerequisite(s): MKT 200.

MKT 280 Sports Marketing 3 Credits
The course focuses on the unique challenges of marketing sports at a variety of levels: youth, college, professional, and international. The challenges of attracting and retaining fans and participants as well as of building and maintaining strong brand identity are at the heart of the course content. By evaluating case studies and examining current issues in sports marketing, students will gain an understanding of what it means to be a professional marketer of a sports organization and/or event.
Prerequisite(s): MKT 200.

MKT 310 Business to Business Marketing 3 Credits
This course examines the business-to-business marketplace, and the planning and control tools used by its entities in managing the product, pricing, promotion, channel and supply chain management strategies.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 320 Consumer Behavior 3 Credits
The nature and determinants of consumer behavior are studied, with attention given to the influence of socio-psychological factors such as personality, small groups, demographic variables, social class, and culture on the formation of consumer attitudes, consumption patterns, and purchasing behavior.
Prerequisite(s): MKT 200.

MKT 330 International Marketing 3 Credits
This course examines the global marketplace and the complexities of its environmental influences, and necessary adaptations in formulating the strategies for product, pricing, promotion, channel and supply chain management.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 340 Personal Selling 3 Credits
Examines persuasive techniques utilized in sales presentations conducted on a person-to-person basis. Major course emphasis is on developing effective selling techniques; understanding the company, its products and the role of the salesperson in implementing product/market strategies; understanding the customers and the selling environment; application of effective sales presentation techniques; recognizing selling opportunities and careers.
Prerequisite(s): MKT 200; 30 credits completed.

MKT 345 Customer Focus 3 Credits
Marketing supply chain management programs are concerned with the creation and delivery of value to customer and organizations. No longer simply the domain of the warehouse manager or logistics director, supply chain management is viewed by most companies as a mission-critical element. Marketing focuses on developing an understanding of customers and markets, creating products and services based on that understanding, and communicating and delivering the value added. This course will teach the student the essential role of marketing in all aspects of successful supply chain management - relationship management, technological and financial - and it will help the student understand the structure, functions, principles and methods employed in discovering and translating consumer needs and wants into product and service specifications and then transferring these goods and services from producers to consumers or end users.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 350 Retailing Management 3 Credits
The principles underlying successful retailing are analyzed within the framework of the strategic-planning process. Topics covered include location, merchandise planning, customer service, image, atmosphere, layout, pricing, promotion, personnel and operations management.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 366 Marketing Research 3 Credits
Topics include specific research procedures in gathering, processing, analyzing, and presenting information relevant to marketing problems: advertising planning and effectiveness; product development; distribution channels; sales techniques; consumer behavior; and forecasting. Student learning about research planning, implementation, and interpretation is facilitated by the use of projects or cases.
Prerequisite(s): MKT 200 and MSD 205; junior standing.

MKT 367 Marketing Web Analytics 3 Credits
This course teaches web analytics through practical applications with a focus on deriving actionable insights. It provides a broad overview of key web analytics strategies, concepts, issues, challenges and tools. Topics covered include: • How to choose a web analytics tool • Metrics and key performance indicators • Best ways to analyze effectiveness of blogs, marketing campaigns, SEO, SEM and emails • How to utilize quantitative, qualitative and competitive tools to derive actionable insights • How to optimize web sites by incorporating testing and experimentation • Analytics in social, mobile and video • Best practices and pitfalls in web analytics.
Prerequisite(s): MKT 200; junior or senior standing.

MKT 369 International Advertising 3 Credits
This course introduces students to the general landscape of international advertising with emphasis on understanding the opportunities and challenges entailed in international advertising management. The course will cover the subject from three aspects, including the international advertising environment, the international advertising industry, and international advertising strategies.
Prerequisite: MKT 200; 30 credits completed.

MKT 370 Internet Marketing 3 Credits
This course emphasizes the discipline of internet marketing, including practices of leading online marketing companies, state of the art online research and demonstrates how the Internet is creating value for customers and profits for businesses while also fitting into a firm's complete marketing strategy. This course will provide a strategic and tactical toolkit for the online marketer, help students understand how and why the Internet is changing traditional marketing and allow students to develop the skills, strategies and tactics important to develop successful Internet marketing plans.
Prerequisite(s): MKT 200 and CIS 185; junior & senior standing.

MKT 375 Digital Advertising and Social Media 3 Credits
This course surveys the concepts, principles, practices and industry standards of digital advertising, including standard display and rich media advertising, search advertising, email advertising, game advertising, and mobile advertising. It also introduces the strategies and tactics in social media marketing. The course emphasizes a strategic, holistic view of digital advertising and social media as marketing communication tools that are situated in the marketing strategic framework and employed to engage consumers in community building.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 380 Health Care Marketing 3 Credits
The purpose of this course is to introduce students to the role, functions and tasks of healthcare marketing. Attention is devoted to applying basic marketing principles to the healthcare sector. Marketing decision making and analysis will be emphasized through the use of cases and current readings that focus on a variety of healthcare organizations, including hospitals, assisted living facilities, MCOs, and pharmaceutical companies.
Prerequisite(s): MKT 200; junior & senior standing.

MKT 435 Advertising Campaigns 3 Credits
This capstone course for advertising majors provides an opportunity for students to plan comprehensive advertising campaigns. Coverage includes segmentation research, creative development of the campaign, media planning, and determining advertising effectiveness. Integration of advertising into the marketing program will be emphasized.
Prerequisite(s): MKT 205 + additional 9 credits from the Marketing courses for the Advertising Concentration; senior standing.

MKT 440 Sales Management 3 Credits
By means of lectures, discussions, and case studies, the field of marketing management is analyzed from the viewpoint of sales executives. The responsibilities for planning and administering personal selling operations are emphasized. Considerable attention is given to other activities for which sales executives may be wholly or jointly responsible, such as decision making on promotion and brand management.
Prerequisite(s): MKT 200 and senior standing.

MKT 444 Special Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations, as well as special applications of marketing decision-making, may be explored. Readings, research, lectures, discussions, or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): MKT 200; any additional prereqs requested by the instructor.

MKT 460 Marketing Management Seminar 3 Credits
This capstone course for marketing majors employs a top management approach to the overall marketing task, including planning, organizing, controlling, and integrating all the activities of the marketing program. Integration of marketing with other operations of the business unit is emphasized. Major problems and current trends are identified and analyzed through case discussion. Required for marketing majors.
Prerequisite(s): 15 Marketing credits, senior standing.

MKT 469 Selected Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations as well as special applications of marketing decision making may be explored. Readings, research, lectures, discussions, or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): MKT 200 and senior standing.

MKT 490 Independent Research and Study 1-4 Credits
Topic to be approved by the professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.

MKT 491 Internship-Based Indep Study 3 Credits
Provides the student an opportunity to supplement and apply classroom work in supervised employment with participating marketing and advertising firms. Requirements include a journal with a log of daily activities, and a project or term paper presented to and evaluated by the internship sponsor. Evaluation will also include a report by the company on the intern's performance. Credits may be used to satisfy business or free elective requirements.
Prerequisite(s): permission of instructor.

Mathematics (MTH)

Courses and Descriptions

MTH 100 Intermediate Algebra 3 Credits
This course prepares science and mathematics majors for college level mathematics courses. Topics include linear and absolute value equations and inequalities, quadratic and polynomial functions and their graphs, rational and radical equations, and systems of linear equations. This course does not fulfill the mathematical reasoning requirement of the CLAS general education curriculum.

MTH 102 Finite Mathematics 3 Credits
This mathematically rigorous course begins with a review of the rational numbers, repeating decimals, irrational numbers and non-repeating decimals. The elementary theory of sets is discussed with applications to surveys and data mining. This is followed by a discussion of the cardinality of infinite sets. An introduction to elementary number theory includes various applications. The Cartesian plane and the idea of a function and its graph are introduced with applications. Counting theory then precedes an elementary discussion of probability.

MTH 105 Algebra and Trigonometry 4 Credits
The course is an in depth and rigorous study of functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses, trigonometric identities.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

MTH 106 Precalculus 4 Credits
The course is an in depth and rigorous study of the Cartesian plane, functions and graphs, equations and inequalities, polynomial and rational functions, exponential, and logarithmic functions, basic trigonometric functions and their inverses and trigonometric identities. The course is characterized by an emphasis on establishing firm mathematical foundations for the topics presented. The ideas discussed will be accompanied with mathematical proofs wherever it is feasible so to do. The course is designed to accord with the level of material in MTH 210 Calculus I. Credit will not be granted for both MTH 105 and MTH 106.
Prerequisite(s): A mathematics SAT score of 570, departmental placement or MTH 100 with a grade of C or higher.

MTH 120 Introduction to Applied Statistics 3 Credits
Collection and presentation of data. Measures of location and variation, sampling theory, hypothesis testing, confidence intervals, t-tests, chi-square tests, regression, and correlation. Emphasizes practical applications. Not open to business administration, chemistry, environmental, geosciences, marine sciences, math or liberal studies: marine ecological or environmental emphasis majors.
Prerequisite(s): MTH 102 or MTH 105.

MTH 150 Mathematics for Education Majors I 3 Credits
This is the first course in a three-course sequence for education majors, This course covers the concept of Numbers, starting with counting numbers, decimals, negative numbers, fractions, and real numbers; different ways of representing numbers, and the relations between them are explored; different meanings and applications of the arithmetic operations are studied; standard and non-standard algorithms for arithmetic are considered in light of the representation of numbers. May not be used by CLAS students to satisfy the mathematics component of the core.

MTH 151 Mathematics for Education Majors II 3 Credits
This is the second course in a three-course sequence for elementary education majors. In this course, students will study proportional reasoning, Number Theory, Algebra, Geometry, and measurement. May not be used by SLAS students to satisfy the mathematics component of the core.
Prerequisite(s): MTH 150.

MTH 152 Mathematics for Education Majors III 3 Credits
This is the third course in a three-course sequence for elementary education majors. In this course, students will study area and volume, transformational geometry, statistics and probability.
Prerequisite(s): MTH 151.

MTH 210 Calculus I 4 Credits
Introduces analytic geometry, functions, limits, and derivatives; differentiation of algebraic and trigonometric functions, curve sketching, maxima and minima, and higher derivatives.
Prerequisite(s): Math SAT 650 or higher or Math ACT score of 28 or higher or MTH 105 or MTH 106 with a grade of C or higher.

MTH 211 Calculus II 4 Credits
The definite integral, differentiation of transcendental functions, methods of integration and approximate integration, determination of area, volume, and surface area.
Prerequisite(s): MTH 210 with a grade of C or higher.

MTH 212 Calculus III 4 Credits
Infinite series; functions of two and three variables, vectors and tangent planes, partial derivatives, multiple integrals, determination of volume and density.
Prerequisite(s): MTH 211 with a grade of C or higher.

MTH 230 Discrete Mathematics 4 Credits
An introduction to topics in Discrete Mathematics. This course covers methods of proof, induction and recursion, and other topics in discrete mathematics. Topics may include graph theory, trees, and symmetry groups.
Prerequisite(s): MTH 102, MTH 105 or MTH 210.

MTH 240 Linear Algebra 3 Credits
Systems of linear equations; vector spaces; linear independence; determinants; orthogonality; linear maps; eigenvectors.
Prerequisite(s): MTH 210 or as corequisite; sophomore standing; or permission of instructor.

MTH 250 Differential Equations 3 Credits
First order differential equations, separable and exact; integrating factors; second order linear differential equations; series solutions of second order linear differential equations; higher order equations; existence and uniqueness theorems; systems of linear differential equations.
Prerequisite(s): MTH 240, MTH 211.
Corequisite(s): MTH 212 or as prerequisite.

MTH 308 Advanced Calculus 3 Credits
Vectors, gradients, and directional derivatives, Lagrange multipliers, Taylor's theorem, multiple integrals, change of variables, line and surface integrals, Stokes' theorem.
Prerequisite(s): "B" average in MTH 210 and MTH 211; MTH 212, MTH 240.

MTH 315 Modern Geometry 3 Credits
Covers geometry from a modern point of view, with emphasis on non-Euclidean geometry, particularly projective geometry.
Prerequisite(s): MTH 211, MTH 240.

MTH 340 Probability & Statistical Analysis I 3 Credits
Theory of sets and probability; discrete and continuous random variables and probability distributions. Emphasizes foundations and utilizes the techniques of the calculus.
Prerequisite(s): MTH 212 or MSD 111.

MTH 341 Probability & Statistical Analysis II 3 Credits
Continuation of MTH 340. Foundations of mathematical statistics: normal distributions, estimation, confidence intervals and hypothesis testing; topics chosen from student's t- test, chi-square tests, analysis of variance and regression analysis. Emphasizes foundations and utilizes the techniques of the calculus.
Prerequisite: MTH 340. Spring.

MTH 401 Modern Algebra 3 Credits
Provides an introduction to modern abstract algebra. It emphasizes the axiomatic method to analyze the major algebraic systems. The instructor will choose the topics to be studied from among the following algebraic structures: integral domains, fields, complete ordered fields, groups, polynomials, rings, ideals and modules.
Prerequisite(s): MTH 240.

MTH 402 Topics in Advanced Mathematics 3 Credits
Chosen from advanced pure or applied mathematics. Topics vary, depending on instructor.
Prerequisite(s): MTH 308.

MTH 410 Complex Analysis 3 Credits
Analytic functions, conformal mapping, power series, Cauchy's theorem, calculus of residues.
Prerequisite(s): MTH 308.

MTH 420 Number Theory 3 Credits
Covers topics including divisibility theory, the prime numbers, the theories of congruences and of quadratic reciprocity, and Fermat's Last Theorem. Other topics may also include applications to cryptography, Pell's equations, continued fractions, and the theory of partitions.
Prerequisite(s): MTH 240 or permission of instructor.

MTH 430 Introduction to Topology 3 Credits
A comprehensive introduction to elementary topology. The concepts of topological spaces and metric spaces will be introduced. Connectedness, compactness and properties of subsets of the real numbers rooted in topology will also be considered. The quotient topology will be used to construct surfaces as identification spaces, and tools will be developed to distinguish one surface from another.
Prerequisite(s): MTH 212.

MTH 440 Real Analysis 3 Credits
Covers the theory of sets, the real number system and its properties, convergence of sequences and series of numbers and functions, and the theory of integration, including: measure theory, the Riemann integral, and introduction to the Lebesque theory of integration.
Prerequisite(s): MTH 308 or as corequisite.

MTH 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in research and mathematical literature. If possible, the student will publish the results or present them at a scientific meeting.

Multicultural Studies (MCS)

Courses and Descriptions

MCS 109 Intro to Race, Class & Gender 3 Credits
This course introduces students to the concepts of race, class and gender as essential components in understanding how social identities are socially constructed in the United States. Using historical and contemporary references, the course explores the ways in which race, class, gender and ethnic relationships shape the experiences of people in the United States, and the implications of those experiences for social relationships. Part of this exploration is to expose students to inter-relatedness of race, class and gender, as identity markers, both historically and in contemporary society.

MCS 110 Race, Class and Gender in Contemporary American Society 3 Credits
This interdisciplinary course analyzes the ways in which race, class, gender and ethnic relationships shape the experience of all persons in this society. It examines the categories of race, class and gender as social constructs that have been historically developed and sustained by economic, social, political, and cultural factors. Note: This course is cross-listed with GSS 110. Students may only get credit for one course: MCS 110 or GSS 110.

MCS 110S Introduction to Race, Class and Gender in Contemporary Society 1 Credits
This course introduces students to the concepts of race, class and gender as essential components in understanding how social identities are socially constructed in the United States. Using historical and contemporary references, the course explores the ways in which race, class, gender and ethnic relationships shape the experiences of people in the United States, and the implications of those experiences for social relationships. Part of this exploration is to expose students to inter-relatedness of race, class and gender, as identity markers, both historically and in contemporary society.

MCS 210 Power and Privilege in a Multicultural Society 3 Credits
This course will examine how the intersection of power and privilege shapes race, gender and class relationships in the United States. Analyses will show how the legal, economic, political and social manifestations of power influence the assignments and distribution of privilege in the United States, both in historical and contemporary contexts. The impositions of power on identity in the social assignment of privilege will be an important component of the course. The two "big questions" to be examined in this course are: How do issues of race, ethnicity, class, age, religion, gender, and sexual orientation interact with privilege? How do the tensions between power, privilege, oppression and inequality lead to movements for social justice? Various interlocking systems of privileges—justice system, educational system, medical system, political system, economic system, etc.--will be examined, using the theoretical frameworks of inequality, oppression and dependency. Prominent public policies and social movements that have challenged the notions of power and privilege, both historically and contemporarily, will be examined: civil rights, women's suffrage, affirmative action, Occupy Wall Street, LGBT rights, Metoo movement, Equal Rights Amendment, Title IX, Lilly Ledbetter Fair Pay Act, etc.

MCS 220 Issues in Multicultural Studies 3 Credits
An examination of issues and questions posed by the existence of diversity in social life. Students build on what they have learned in MCS 110 by focusing in greater depth on selected aspects of multicultural interaction. Topics change each semester and are listed in the course roster. Recent topics include "Understanding Privilege," "The Meaning of Difference," and "Narratives of Human Difference: Science, Politics, Literature."
Prerequisite(s): MCS 110 or permission of instructor.

MCS 280 Directed Study in Multicultural Studies 1-4 Credits
An intensive study experience in multicultural studies. The student designs and carries out a course of focused study under the supervision of a multicultural studies faculty member. The student's proposed plan of work must be reviewed and approved by the faculty sponsor and by the multicultural studies advisory committee. May be repeated once for credit.

MCS 490 Independent Study: Research and Creative Expression 1-4 Credits
Individual program of study under close supervision by the instructor, with weekly meetings and reports. Topics to be approved by the department. Available to seniors who have a minimum of a 3.0 GPA. No more than six credits allowed toward graduation.

MCS 491 Internship in Multicultural Studies 1-4 Credits
A supervised community service of work experience at an approved site. Placements are made in accordance with each student's particular theme within multicultural studies. A minimum of three hours per week on site per credit (39 hours per semester); in addition, students complete readings and reports and meet weekly with the instructor. Primarily for multicultural studies minors in their junior or senior year.

Music (MUS)

Courses and Descriptions

MUS 001S Applied Voice Studio 0 Credits

MUS 100 Popular Music Lab 0 Credits
Popular Music Lab is a required course for all Popular Music majors. Meetings include information sessions, guest speakers, and the sharing of student work.

MUS 105 Survey of Music History I 3 Credits
A chronological survey of Western music from the Medieval through the Baroque periods stressing the origin and evolution of musical forms, musical styles, and the important composers before 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 106 Survey of Music History II 3 Credits
A chronological survey of Western music from the classical through the contemporary periods stressing the origin and evolution of musical forms, musical styles, and the important composers since 1750. The relation between the music and the aesthetic movements of each period is studied.

MUS 109S Basic Music Theory 3 Credits
This is a beginner's course in music theory. It familiarizes the student with the basic elements (e.g., staff, clefs, time signatures, musical notation, intervals, triads and chords). This course is ideal for both the student wanting to know only the essential, or the student wanting to go on to develop their theoretical skills. For non-music majors, MUS 109S counts toward graduation and grades are awarded on an A-F basis. For music majors, MUS 109S does not count toward graduation, and grading is on a pass ("Y") or fail ("Z") basis.

MUS 110 Music Theory I 3 Credits
A practical introduction to the basic elements of music, beginning with the reading of music notation. Practice in scales and chords; ear-training in rhythm and pitch. Techniques may be applied to the student's own instrument (e.g., guitar, piano, winds) if he or she plays one. Prerequisite(s): MUS 109S or placement.
Corequisite(s): MUS 110L.

MUS 110L Music Theory I Lab 1 Credits
Dictation, aural skills training, sight singing, and keyboard skills to accompany MUS 110 (Music Theory I). Prerequisite(s): MUS 109S or placement.
Corequisite(s): MUS 110.

MUS 111 Music Theory II 3 Credits
Continuation of MUS 110,leading to some original composition. Prerequisite(s): MUS 110 and MUS 110L.
Corequisite(s): MUS 111L.

MUS 111L Music Theory II Lab 1 Credits
Dictation, aural skills training, sight singing, and keyboard skills to accompany MUS 111 (Music Theory II). Prerequisite(s): MUS 110 and MUS 110L or placement.
Corequisite(s): MUS 111.

MUS 113 Popular Music Theory I 3 Credits
Popular Music Theory I covers basic elements of music, including the reading of music notation in traditional formats as well as in audio wave form and in the visualization of standard Digital Audio Workstations. Practice in scales and chords; ear-training in rhythm, pitch, and timbre. Techniques may be applied to the student's own instrument (e.g., guitar, piano, voice)
Corequisite(s): MUS 113L.

MUS 113L Popular Music Theory Lab I 1 Credits
Taken in conjunction with Popular Music Theory I, the lab applies theoretical concepts in a performance context. Applied aural training and improvisation skills on primary and secondary instruments.
Corequisite(s): MUS 113.

MUS 114 Popular Music Theory II 3 Credits
A continuation of Popular Music Theory I, progressing to intermediate elements of music, including the reading of music notation in traditional formats as well as in audio wave form and in the visualization of standard Digital Audio Workstations. Practice in scales and chords, ear-training in rhythm, pitch, and timbre. Techniques may be applied to the student's own instrument (e.g., guitar, piano, voice).

MUS 114L Popular Music Theory Lab II 1 Credits
Taken in conjunction with Popular Music Theory II, the lab applies theoretical concepts in a performance context. Applied aural training and improvisation skills on primary and secondary instruments.

MUS 116 Digital DJing 3 Credits
Digital DJing is a software-based course that develops musical mixing skills for the purpose of creating the kinds of DJ sets one may play on the radio or at live events. Includes repertory building across several popular and dance genres.

MUS 120 Music and Society 3 Credits
Introduction to the basic elements of music (rhythm, melody, harmony, etc.) and the appreciation of representative types of music from all historical periods.

MUS 127 Pop, Rock & Hip-Hop Ensemble 1 Credits
This is a dynamic group rehearsal, performance and discussion of contemporary popular music of any genre including but not limited to: the blues, soul, country, gospel, pop, prog. rock, reggae, disco, punk, grunge, new wave, dub, rap and hip hop.

MUS 128 Choir 1 Credits
Rehearsal and performance of multi-era Western and non-Western repertoire. Instruction in music fundamentals and vocal production. Pitch matching and part-singing abilities must be demonstrated in the first-week sectional hearing.

MUS 129 Contemporary Vocal Ensemble 1 Credits
The objective of the contemporary vocal ensemble course is to allow students to experience the aesthetics of popular music through the study, interpretation and performance of the music. Students will develop their ensemble skills, independent part singing, as they experience a wide range of popular music genres (jazz, pop, R&B, world, etc.) Students must pass an audition to participate in this course.

MUS 130 Music in Children's Lives 3 Credits
Students in this course will study how music interacts in the lives of children as they sing, listen, play instruments and move. Song repertoire and selections for listening and moving from the American, European and non-Western cultures will be introduced. Playing recorder as well as pitched and non-pitched percussion instruments will be demonstrated.

MUS 131 Beginning Piano I 2 Credits
Class approach to learning to play the piano. How to read music, basic piano technique, and appropriate piano pieces and songs are studied.

MUS 132 Beginning Piano II 2 Credits
Continuation of MUS 131. Emphasis on further development of technique and the ability to interpret piano music from a variety of styles.
Prerequisite(s): MUS 131 or equivalent.

MUS 133 Class Voice I 2 Credits
Class approach to learning pop vocals. How to read music, basic vocal production technique and appropriate vocal pieces and songs are studied, especially in popular genres.

MUS 134 Class Voice II 2 Credits
Continuation of class approach to learning pop vocals started in Class Voice I. Intermediate vocal technique for popular music
Prerequisite(s): MUS 133 or placement exam.

MUS 135 Class Guitar I 2 Credits
Class approach to learning to play the guitar. How to read tablature, basic guitar technique, and appropriate guitar pieces and songs are studied, especially in popular genres. Students must provide their own guitars; if electric, they should provide their own amps, too.

MUS 136 Class Guitar II 2 Credits
Continuation of class approach to learning to play the guitar started in Class Guitar I. Intermediate guitar technique for popular music. Students must provide their own guitars; if electric, they should provide their own amps, too.
Prerequisite(s): MUS 135 or placement exam.

MUS 168A Applied Voice 2 Credits

MUS 168B Applied Voice 1 Credits

MUS 168C Applied Voice 2 Credits

MUS 168D Applied Voice 1 Credits

MUS 168E Applied Voice 2 Credits

MUS 168F Applied Voice 1 Credits

MUS 168G Applied Voice 2 Credits

MUS 168S Applied Voice Studio 0 Credits

MUS 178A Applied Flute 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

MUS 178B Applied Flute 1 Credits
Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

MUS 178C Applied Flute 2 Credits
One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

MUS 178D Applied Flute 1 Credits
Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

MUS 178E Applied Flute 2 Credits
Part-time Students: One-hour, 2-credit required or elective lesson – fee charged per semester.

MUS 178F Applied Flute 1 Credits
Part-time students: Half-hour, 1-credit required or elective lesson – fee charged per semester.

MUS 178G Applied Flute 2 Credits
One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

MUS 188A Applied Percussion 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

MUS 188B Applied Percussion 1 Credits
Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

MUS 188C Applied Percussion 2 Credits
One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

MUS 188D Applied Percussion 1 Credits
Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

MUS 188E Applied Percussion 2 Credits
Part-time students: One-hour, 2-credit required or elective lesson – fee charged per semester.

MUS 188F Applied Percussion 1 Credits
Part-time students: Half-hour, 1-credit required or elective lesson – fee charged per semester.

MUS 188G Applied Percussion 2 Credits
One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

MUS 198A Applied Guitar 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

MUS 198B Applied Guitar 1 Credits
Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

MUS 198C Applied Guitar 2 Credits
One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

MUS 198D Applied Guitar 1 Credits
Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

MUS 198E Applied Guitar 2 Credits
Part-time students: One-hour, 2-credit required or elective lesson – fee charged per semester.

MUS 198F Applied Guitar 1 Credits
Part-time students: Half-hour, 1-credit required or elective lesson – fee charged per semester.

MUS 198G Applied Guitar 2 Credits
One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

MUS 199 The Arts in Contemporary Civil 3 Credits
An integrated study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama.

MUS 201 Skills Ensemble I 1 Credits
A Contemporary Performance skills ensemble focusing on interactive musicianship, composition, ear training, transcription, and notation, for popular music studies majors. Students will develop proficiency in the following areas: • Developing ensemble skills • Preparing and rehearsing original compositions • Recognizing scales, intervals and chords • Harmonic, Melodic, and Rhythmic Transcription • Recognizing basic structural elements in different musical genres: Pop(Hip-Hop, R&B, Rock)/Jazz/Classical as well as understand their basic vernacular • Writing legible and clear musical scores (charts).

MUS 204 Jazz History 3 Credits
Survey from 19th C. roots to 21st C. styles. Development of listening skills and overview of musical skills used by jazz performers. Exploration of the relationship between jazz and poetry, race relations, and the reputation of jazz in popular culture.
Prerequisite(s): CMP 120 or CMP 125.

MUS 205 History of Pop and Rock Part I 3 Credits
This course charts the history of popular music from its origins until the 1960s. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music from its roots in the blues, early jazz, ragtime and military band marches to the music of Elvis, Chuck Berry, Little Richard, Buddy Holly, the Rolling Stones and the Beatles. We look at the recording industry and the advent of he gramophone record and the important role of radio and television in expanding the reach of popular music directly into the home, creating a vibrant soundtrack for peoples lives.

MUS 206 History of Pop and Rock Part 2 3 Credits
Description: This course charts the history of popular music from the 1960s to todays. Looking at performers, song-writers, bands and pop genres we will chart the dynamic evolution of popular music through Acid Rock, Progressive (Prog) Rock, Hard Rock, Singer-Songwriters, Disco, Reggae, Funk, Punk, Heavy Metal, New Wave, Grunge, Electronica and Rap & Hip-Hop. We look at the development of analog and digital media and how new forms of delivery of product shapes the business model of the industry and beyond.

MUS 207 Masterworks in Music 3 Credits
Major works by great composers from different historical periods Mozart, Beethoven, Brahms, and Wagner, among others are studied. Up to 10 compositions by six composers are covered, with an emphasis on listening to recorded and live performances of representative works.

MUS 208 Music of the Theater 3 Credits
A study of music drama both historical and contemporary covering European opera of the Baroque, classical and romantic periods, and the American musical theatre, especially the contemporary Broadway musical.

MUS 209 Great Composers 3 Credits
A study of selected major composers life, works, and historical significance with an emphasis on the listening experience. Bach, Mozart, Beethoven, Tchaikovsky, Stravinsky, or others.

MUS 210 Music Theory III 3 Credits
Analysis of musical forms, including binary, rounded binary, ternary, and popular song. Identification of techniques that support musical form, including harmonic language, contrast/repetition, compositional process. Advanced sight singing and aural drills.
Prerequisite(s): MUS 111 and MUS 111L.

MUS 211 Music Theory for Music Theater 3 Credits
Analysis of music theater songs, scenes and scores. Various techniques, placement of examples into historical, musical, artistic, and literary perspective. Reading of full and piano/vocal scores, conducting, orchestration and harmonic language will be emphasized.
Prerequisite(s): MUS 111 and MUS 111L.

MUS 212 Cartoon and Anime Culture 3 Credits
This course investigates the music and culture of animated films and television shows, anime, animated shorts including cartoons, and related incidental music for documentary films.

MUS 213 Digital Composition of Popular Music 3 Credits
This course is an introduction to making music in a Digital Audio Workstation (DAW). Students learn software techniques by composing in multiple genre styles.

MUS 214 Writing about Music 3 Credits
This course instructs students in the art of writing about music, from small-form criticism to large scale scholarship, focusing especially on the ability to translate what one hears into engaging prose.
Prerequisite(s): CMP 120 and 125, MUS 110, 110L, and MUS 213.

MUS 215 Music & Technology in a Mobile Society 3 Credits
This course compares the recent history of music technology to past innovations, focusing on the aesthetic implications and ideological influences of an increasingly mobilized musical milieu.

MUS 217 Black Music in America 3 Credits
This course covers the history of music made by and/or about African Americans, from minstrel shows to hip-hop and everything in between.

MUS 218 Postmodernism & Popular Culture 3 Credits
This course considers music in light of the ideological trends of postmodernism in order to better understand contemporary music in its cultural context.

MUS 220 Songwriting 3 Credits
The Songwriting course is an introduction to songwriting in popular music styles. Students will learn to compose music by themselves and collaboratively. This course will develop comprehensive musicianship and compositional techniques, as well as further software skill development.
Prerequisite(s): MUS 113.

MUS 221 Popular Music Arranging 3 Credits
Pop Music Arranging explores the fundamental arranging techniques for popular music styles. Students will learn to arrange popular music for the standard instrumentation found in a pop/rock ensemble (bass guitar, drumset, rhythm guitar, and keyboard) and other ensemble instrumentations, as well. This course will develop comprehensive musicianship and fundamental arranging techniques, as well as develop skills as they relate to composition software platforms.
Prerequisite(s): MUS 113.

MUS 231 Music Production Workshop 1 Credits
Music Production Workshop is a 1 credit course that will meet as a specialized workshop for a total of 12 hours. The students will meet with a qualified professional in the field. An ideal example of such would be meetings with a professional record engineer in a professional recording studio for intensive sessions in recording/editing. Permission of instructor required.

MUS 233 Intermediate Piano 3-12 Credits
Continuation of MUS 132 with further development of reading skills, piano techniques and interpretation. Each student studies a set of pieces selected together with the instructor tailored specifically to the students' needs and interests.

MUS 300 Beethoven and the Romantic Age 3 Credits
A study of the Romantic period with particular emphasis on Beethoven. The classical heritage, the transformation of that heritage into romantic terms, the prominent influence of Beethoven on 19th century musical style.

MUS 301 Skills Ensemble II 1 Credits
The Contemporary Performance Skills Ensemble II is a course whose focus is interactive musicianship, composition, ear training, transcription, and notation, for popular music studies majors. This course will require a higher level of musical ability, aptitude, and technical development than the Skills I Ensemble course. Students will develop proficiency in the following areas: • Developing ensemble skills • Preparing and rehearsing original compositions • Recognizing scales, intervals and chords • Harmonic, Melodic, and Rhythmic Transcription • Recognizing basic structural elements in different musical genres: Pop(Hip-Hop, R&B, Rock)/Jazz/Classical as well as understand their basic vernacular • Writing legible and clear musical scores (charts) • Improvisation.

MUS 303 Music Literature: Baroque Era 3 Credits
A survey of European musical styles from c. 1600 to 1750, approached by listening to the music of the period, including Bach, Handel, and many lesser known masters. Topics include the development of modern musical sound, instrumental forms, Lutheran and Catholic church music, and the beginnings of dramatic music.

MUS 304 Music of the Beatles 3 Credits
This course is a very in-depth analysis of the music and personalities of the Beatles. The student will gain in depth insight to the Beatles songs and albums as the course proceeds through the music chronologically. This will be contextualized historically and sociologically where required.

MUS 305 Words and Music 3 Credits
A study of words and music.

MUS 306 Contemp Music Experience 3 Credits
A survey of European and American musical styles of the late 19th and 20th centuries. Topics include postromantic music, neoclassicism, serialism, electronic music, and the current avant garde.

MUS 307 The Music of Radiohead 3 Credits
This course investigates the music, lyrics, art and marketing strategies of the British so called "alternative" band, Radiohead, moving song by song through their demos, videos and albums.

MUS 308 World Music 3 Credits
To understand world music as a means of appreciating and respecting our common inheritance as humans. To better understand in what ways music is a 'language' and how this functions within 'community' including aspect of ritual, celebration, religion and spirituality. The student will be expected to be able to discern between various genres of world music understanding the wider cultural context including, but not limited to, popular music within that same culture.

MUS 309 Film Music 3 Credits
A study of music in feature film, documentary film, and television. A chronological survey of film music from silent to contemporary film, animated shorts, and television, with emphasis on listening to recorded performance of representative works.

MUS 310 The Film Music of Stanley Kubrick 3 Credits
This course is an in-depth study of the way in which music impacts society through the art of film. Focusing on the films of Stanley Kubrick (e.g. The Shining; 2001: A Space Odyssey; A Clockwork Orange; Full Metal Jacket; Eyes Wide Shut; Dr. Strangelove; Lolita) we will study a variety of strategies within which music integrates, counterpoints or ironically resists themes such as war, sex, politics, religion, gender etc. Also we will observe how music interacts with other aesthetics in film such as light, camera methods, 1. diegetic/source, 2. non-diegetic/underscore and 3. metadiegetic (i.e. 1. music in the film; 2. music only the audience can hear; 3. music that seems to be coming from the mind of a character in the film) method as part of the narrative itself. In this way we will investigate the way film both integrates aspects of society and also radiates messages, indeed challenges, to society, both as a mirror but also didactically—with the direct intent of creating change.

MUS 311 Unpacking Bruce Springsteen 3 Credits
This course will survey the music of Bruce Springsteen. It will 'unpack' Springsteen's musical development not only across his official career (i.e. from signing with Columbia for his first album 'Greetings from Asbury Park, New Jersey' in 1973 to the present) but also from his childhood through his youth in Freehold, NJ. By closely studying Springsteen's life, music and lyrics as well as the themes of each album the student will become an expert in understanding how The Boss was able to universalize the Jersey Shore as well as his personal concerns into vital musical messages of great value and import today. This will also involve looking at music as varied as The British Invasion (i.e. The Beatles, The Animals & the Rolling Stones et al); Motown; Country; Soul; Folk; Rock and the American Songbook.

MUS 312 The Arts Abroad 3 Credits
A two week trip abroad that includes a critical study of music and theater. Students are required to attend all performances, guided tours, and classes before and after the trip.

MUS 313 Digital Synthesis 3 Credits
This course continues with the software composition techniques begun in MUS 213. Students will create their own sounds through digital synthesis and incorporate those sounds into music composed in a variety of genre styles.
Prerequisite(s): MUS 213.

MUS 315 Black Music in America 3 Credits
This course covers the history of music made by and/or about African Americans, from minstrel shows to hip hop and everything in between.

MUS 316 Digital Mixing and Mastering 3 Credits
Digital Mixing and Mastering is a practical skills class focusing on post-production skills in software interfaces. Students will learn how to work with multiple editing softwares and plug-in tools to achieve balanced, lively, professional mixes.
Prerequisite(s): MUS 216.

MUS 319 Pop Music Arranging II 3 Credits
The Pop Music Arranging II course is the terminal course of a two-semester sequence whose goal is to explore the advanced arranging techniques for popular music styles. Students will learn to arrange popular music for the standard instrumentation found in a pop/rock ensemble (bass guitar, drumset, rhythm guitar, and keyboard). This course will develop comprehensive musicianship and advanced arranging techniques, as well as develop advanced skills as they relate to the utilization of the software platforms Logic Pro X and Finale notation.
Prerequisite(s): MUS 219.

MUS 320 Pop Songwriting II 3 Credits
The Pop Songwriting II course is a continuation of the songwriting course sequence whose goal is to explore advanced compositional techniques for popular music styles. Students will learn to compose music by themselves and collaboratively. This course will develop comprehensive musicianship and advanced compositional techniques, as well as develop advanced skills as they relate to the software platforms Logic Pro X and Finale notation.
Prerequisite(s): MUS 220.

MUS 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1 to 4 Credits. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing; good academic standing.

MUS 491 Internship in Music 1-4 Credits
Provides junior or senior music majors with the opportunity to gain practical experience working within a professional music environment. Students must be sponsored by a music professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

MUS 493 Selected Topics in Music Perf 3 Credits
Intensive study of a particular topic in applied music for the intermediate to advanced student. Students are led to understand the historic and aesthetic elements in music through critical listening, performance, research, and class projects.

MUS 495 Selected Topics in Music 3 Credits
Studies specialized aspects of the literature, history, or theory of music, to supplement the established curriculum. Emphasis on creative investigative work and individual experiences in music.

MUS 498 Popular Music Culture Capstone 3 Credits
The capstone is an independent, student-led project resulting in a material product (recording/performance/event/presentation) that demonstrates a student's interests and skills in the area of popular music.

MUS 499 Senior Honors Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, planned under the direction of a faculty advisor, represents a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Music Education (ME)

ME 111 Music Education Lab 0 Credits
Undergraduates must meet the weekly attendance and participation requirement for Music Education Lab during every semester of enrollment up to seven semester as an undergraduate Music Education major except for the student teaching semester. Grading is “P” (satisfactory) or “U” (unsatisfactory). As part of the Music Education Lab experience, students are required to complete 15 hours of professional development.

ME 161 Art of Teaching Music I 3 Credits
Art of Teaching Music I (ATM I) is a first in the sequence of Music Education courses designed to prepare the undergraduate Music Education major students for their student teaching experience and completion of their teaching licensure. There will be field observations of master teachers under the aegis of a music education faculty that will allow students not only to observe, but to have guided experience in assessing how teaching and learning are experienced in real classrooms. Partnerships between local expert teachers and music education faculty will allow students to complete field observations as well as guided experience in teaching and assessing students in real classrooms.

ME 187 Instrumental Music: Strings 1 Credits
This course is designed as an introduction to the pedagogy of string instruments. Emphasis is on learning through performance. Instruments are required. Various methods and materials available for use in public schools, developmental ranges, transposition, scoring, and idiomatic writing are investigated. When available, instruments may be rented from the college. Rental fee, per instrument: $25.

ME 188 Instrumental Music: Winds/Percussion 2 Credits
This course is designed as an introduction to the pedagogy of brass, woodwind, and percussion instruments. Emphasis is on learning through performance. Instruments are required. Various methods and materials available for use in public schools, developmental ranges, transposition, scoring and idiomatic writing are investigated. When available, instruments may be rented from the college. Students must provide their own drum pads and sticks. Rental fee, per instrument: $60.

ME 262 Art of Teaching Music II 4 Credits
Art of Teaching Music II (ATM II) is designed to build on the knowledge, skills, and dispositions, introduced in ATM I. Students will expand their abilities in the domains of planning, teaching, assessing, reflecting, developing musicianship, and philosophy in context of teaching geneal music. Moreover, they will have the opportunity to put these abilities into practice when teaching peers and teaching elementary and middle general school students.
Prerequisite(s): ME 161.

ME 471 Music and Hip Hop Culture 3 Credits
Hip Hop in the United States is arguably the most lucrative, popular, and culturally challenging contemporary musical force. The narratives of Hip Hop go beyond the boundaries of race and class as well as those of music, poetry and dance. As such, Hip Hop is a phenomenon that presents problems as well as great possibilities. This course explores them from the standpoint of educational sociology, looking at their implications for music in schools as well as in daily life.

ME 472 Teaching/Learning:Urban Schools 3 Credits
This course offers students theoretical and practical insight into teaching in urban schools. The class will present an analysis and practical implications for what is needed in order to successfully engage in teaching in urban centers in the United States. Students will balance field experiences with critical analyses of issues such as multicultural teaching, race, class, and economics in urban schools as well as their curricular and pedagogical implications.
Prerequisite(s): ME 581, ME 582.

ME 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

ME 491 Kodaly Music Reading 2 Credits

ME 492 Student Teaching 12 Credits
A full semester internship in directed full-time teaching supervised by department members and carried out in schools with approved cooperating teachers. In addition to the field experience, students attend a weekly seminar on campus to discuss current issues in music education as they relate to individual teaching situations. Students discuss classroom management strategies, action research, authentic instruction, critical thinking, feeling and action as well as teaching to focused questions, concepts and objectives. Throughout student teaching, students maintain a digital portfolio that demonstrates how they meet the New Jersey State and INTASC teaching standards. At the conclusion of the semester, students attend a portfolio review with members of the Music Education faculty to assess the success of the teaching experience. Students must provide their own transportation to student teaching site. Student Teaching fee: $245. Fees for the Praxis Examination and Teacher Certification are additional. Additional information regarding student teaching may be found in the department's Student Teaching Handbook at www.rider.edu/musiced.
Prerequisite(s): Minimum grade of B- in ME 564; Classification as a full senior; Satisfactory completion of music education courses numbered ME 161, ME 262, ME 563, ME 564, ME 187, ME 188, and either PSY 230 Child Developmental or PSY 231 Youth and Adolescent Development; Satisfactory completion of TH 241; For voice primary students, satisfaction of all requirements of PI 204; A minimum 3.0 cumulative GPA; Demonstrated aptitude, motivation and potential for success in teaching, as evidenced by the successful completion of portfolio reviews; Departmental approval; Students in the Master of Music Education (MME) degree program must take the following courses as prerequisites to student teaching; ME 563, ME 564, ME 725.

ME 499 Special Topics Music Education 2 Credits
The content of this course and the number of credits will vary with the special interests and qualifications of the professor teaching it.

ME 563 Art of Teaching Music III 4 Credits
Through course assignments, discussion, and clinical practice in varied school and community choral settings, course participants learn how to create meaningful elementary music experiences that foster individual success, accountability, a sense of accountability, critical thinking, independence, and life-long engagement with choral music.
Prerequisite(s): Minimum grade of C- in ME 262, successful completion of Sophomore Review, and must obtain substitute teaching credentials.

ME 564 Art of Teaching Music IV 4 Credits
Through course assignments, discussion, and clinical practice in varied school and community choral settings, course participants learn how to create meaningful school singing experiences that foster individual success, accountability, a sense of community, critical thinking, independence, and life-long engagement with choral music.
Prerequisite(s): Minimum grade of C- in ME 262, successful completion of Sophomore Review, and must obtain NJ substitute teaching credentials.

Music History (MH)

MH 100 Topics in Music History 3 Credits
The topics of courses carrying this number will vary with the special interests and qualifications of the instructors teaching them. They are meant to be at an introductory level, open to all Rider University students. Possible topics include music and social causes or distinct perspectives, or specific genres or composers.

MH 247 Music Historiography I 3 Credits
Historiography I begins by exploring similarities and differences between various music cultures around the world, and continues with an examination of selected genres of Western Art Music of the Medieval, Renaissance and Baroque periods. Basic information literacy skills, such as searching library catalogs, databases and reading academic articles also will be covered.
Prerequisite(s): CMP 125.

MH 248 Music Historiography II 3 Credits
Examines Western Art Music since 1750 and includes a research assignment that builds upon the information literacy skills gained in MH 247.
Prerequisite(s): MH 247.

MH 345 Music Since 1900 3 Credits
Examines controversies and aesthetic movements in 20th and 21st century music. Emphasis is placed upon critical reading and writing skills.
Prerequisite(s): MH 248.

MH 433 Seminar in Music History 3 Credits
The contents of courses carrying this number will vary with the special interests and qualifications of the instructors teaching them. Possible topics include period courses, courses from a distinct perspective, composer courses and genre courses.
Prerequisite(s): MH 248.

MH 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

Musical Theatre (MTR)

Courses and Descriptions

MTR 105 Musical Theatre Practicum 1 Credits
This course explores the literature of musical theatre vocal ensembles. It emphasizes examining a wide range of styles. This is a studio/academic class, not a performance ensemble.

MTR 109 Beginning Ballet I 1 Credits
This course introduces the basic elements of ballet technique. Technique is based on the five positions of the legs and feet, coupled with appropriate arm positions. The class consists of a basic ballet barre warm-up that includes stretching and developing strength and turn-out used in dance positions and combinations. Instruction includes jumping, turning, and connecting steps with movement. Ballet terminology is addressed.

MTR 111 Musical Theatre Lab 0 Credits

MTR 112 Advanced Ballet I 1 Credits
Continuation of MTR 109, building upon techniques learned in that course.

MTR 113 Beginning Ballet II 1 Credits
Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 114 Advanced Ballet II 1 Credits
Continuation of MTR 113. Intermediate ballet, expanding upon Ballet I and concentrating upon the American lineage of ballet training.

MTR 120 Hist of American Music Theater 3 Credits
The history of the American Musical from the first American production in 1750 of Gay's The Beggar's Opera up to the present will be traced. Emphasis will be placed upon those common elements which are solely intrinsic to the American stage. Developments and imported ideas (e.g., The British Invasion) will be highlighted.

MTR 131 Music Theory for MT 3 Credits
Teaches students to understand musical form, structure, melody, rhythm and harmony by applying these concepts to musical theatre literature. Includes full analysis of musical theatre songs. Required in the first year.

MTR 132 Group Piano 1 Credits
Offers the musical theatre student appropriate keyboard technique to play any vocal part and to play a rudimentary accompaniment. Required of all second-year students.
Prerequisite(s): MTR 131.

MTR 133 Sight Singing for MT 3 Credits
Intensive class in reading music, designed for musical theatre students. Traditional solfeggio techniques used with musical theatre texts whenever possible. Required of first-year students.
Prerequisite(s): MTR 131.

MTR 209 Tap Dance I 1 Credits
Introduction to the basic elements of tap dancing. Tap technique is geared to enhance rhythm and motor skills, basic elements that will be used to connect several steps and movements into combinations. Other variations such as "soft shoe" or "clogging" are included.

MTR 210 Tap Dance II 1 Credits
Continuation of MTR 209. Combinations most often used in music theater productions are emphasized.
Prerequisite(s): MTR 209.

MTR 211 Ballet III 1 Credits
Intermediate ballet, expending upon Ballet II and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 114.

MTR 212 Ballet IV 1 Credits
Continuation of MTR 211. Intermediate ballet, expanding upon Ballet III and concentrating upon the American lineage of ballet training.
Prerequisite(s): MTR 211.

MTR 215 MT Performance: Song as Text 3 Credits
In this course the student will learn how to develop a performance of musical text by making doable, actable choices and applying those choices to musical monologues – solo songs.
Prerequisite(s): THE 110.

MTR 216 Acting for Music Theater I 3 Credits
This professional skills course, intended for music theater majors, builds upon the student's previous acting training. Through various exercises and activities (both individual and group), the student will begin to develop a clear method for preparation that addresses first their own instrument, and then (through various methods of analysis) the character and the play. Students will begin to utilize and apply the studied techniques and exercises to simple monologues and a scene. Behavioral truth will precede the more sophisticated studies of emotional truth.

MTR 217 Acting for Music Theater Major II 3 Credits
Continuation of MTR 216. Methods for preparation are expanded as students learn and experience techniques for exploring and developing characters. This semester will focus on the application of the skills and acting techniques studied in the first semester to the needs of dramatic and sung material. Students are expected to synthesize content and skills acquired in the Speech for the Actor, Body Awareness and Movement classes.
Prerequisite(s): MTR 216.

MTR 218 Musical Theatre Scene Study I 3 Credits
Scene study class exploring the literature of the musical theatre – emphasis placed on two- and three-character scenes. Required of all second-year students.
Prerequisite(s): MTR 215.

MTR 219 Musical Theatre Scene Study II 3 Credits
Further exploration of scenes in the musical theatre literature – emphasis on more complex scenes. Required of all third-year students.
Prerequisite(s): MTR 218.

MTR 251 Styles and Genres I 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Standard, Classical, and Traditional periods of musical theater. Composers to be studied will include Rodgers and Hammerstein, Lerner and Loewe, Kern, Berlin, Gershwin, Porter, Arlen, Blitstein and Weill.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 252 Styles and Genres II 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary (Non-Pop/Rock) period of music theater. Composers to be studied will include Sondheim, Styne, Kander and Ebb, Guettel, Matby and Shire, and Bernstein.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 253 Styles and Genres III 3 Credits
Focuses teaching and learning on the ways in which musical and textual understanding inform the interpretation and performing of representative composers from the Contemporary, Pop/Rock period of music theater. Composers to be studied will include Webber, Schwartz, Fenn, Flaherty, Menkin, Brown, LaChiusa, and Lippa.
Prerequisite(s): MUS 111, MUS 111L, THE 107, MTR 216.

MTR 255 Musical Theatre Repertoire I 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers through the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106 with a minimum grade of D and THE 311 with a minimum grade of D.

MTR 256 Musical Theater Repertoire II 3 Credits
This course provides the opportunity to encounter/examine the repertoire of the major musical theatre writers since the 1950s. The thrust of this class is split between studio work and academic work.
Prerequisite(s): THE 106, THE 107.

MTR 307 Tap III 1 Credits
This course is designed for the moderately advanced tap dancer. Course to be taken in the fall.
Prerequisite(s): MTR 210.

MTR 308 Tap IV 1 Credits
The course will allow the more advanced student to complete the work begun in Tap III.
Prerequisite(s): MTR 307.

MTR 309 Beginning Jazz Dance I 1 Credits
Based upon the ballet foundation, this course explores the expressive style of jazz dance, and basic Western theatrical dance forms and social dances used most often on the stage.
Prerequisite(s): MTR 109.

MTR 313 Ballet V 1 Credits
Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 212.

MTR 314 Ballet VI 1 Credits
Continuation of MTR 313. Advanced ballet, expanding upon Ballet IV and concentrating upon the American lineage of ballet training. Inclusion of advanced combinations, physical development and coordination skills.
Prerequisite(s): MTR 313.

MTR 315 Advanced Jazz Dance I 1 Credits
Continuation of work begun in MTR 309.

MTR 316 Beginning Jazz Dance II 1 Credits
This course continues the work begun in MTR 309 and MTR 315.

MTR 317 MT Auditions:Preparation/Tech 3 Credits
This course, building upon skill-sets established in the Music Theatre singer-actor curriculum, will introduce and hone the required skill-sets for preparing to audition in Music Theatre. Genres and styles of music most often required for auditioning in the industry will be prepared and explored. An audition "book," based upon the demands of the industry, as well as the most suitable material for each student will be built. When appropriate, guests from the industry will be invited to present master classes and evaluations in a "mock audition" process.
Prerequisite(s): MTR 207, MTR 216, MTR 217, MTR 492.

MTR 318 Advanced Jazz Dance II 1 Credits
This course continues the work begun in MTR 309, MTR 315 and MTR 316.
Prerequisite(s): MTR 211.

MTR 319 Jazz Dance III 1 Credits
This course continues the work begun in MTR 318.
Prerequisite(s): MTR 318 and MTR 212.

MTR 320 Jazz Dance IV 1 Credits
This course continues the work begun in MTR 319.
Prerequisite(s): MTR 319 and MTR 212.

MTR 335 Speech for the Actor 3 Credits
This course introduces and develops speech techniques, specifically in the areas of relaxation, posture and alignment, respiration, phonation, support, registration, resonance, and articulation. Students learn to consistently produce a free, resonant, fully supported speaking voice. Exercises will increase flexibility and range of speaking and will foster heightened responsiveness to feeling. Regular practice in the delivery of both impromptu and prepared monologues is required. This course includes studies in Neutral American Speech.

MTR 402 Directing Music Theater/Opera 3 Credits
This elective course investigates how conceptual ideas and the process of script analysis are used in putting together a music theatre production for performance. Instruction includes staging ideas and elements needed for a complete production. Other theatrical aspects of choreography, properties, costumes, lighting, and set design are addressed. It is recommended that students complete MTR 496 before taking MTR 402.

MTR 411 Musical Theatre Ensemble 1 Credits

MTR 415 Musical Theatre Dance I 1 Credits
This is the first capstone course in the Musical Theatre dance sequence. Practical and historical study of Broadway dance styles; main focus on jazz idiom. Emphasis placed on performance quality, auditioning skills, self-taping, and "how to swing/dance captain".
Prerequisite(s): Completion of Ballet, Tap, and Jazz requirements; senior standing.

MTR 416 Musical Theatre Dance II 1 Credits
This is the second capstone course in the Musical Theatre dance sequence. Emphasis is placed on other dance styles used on stage, film, music videos, and television. Primary focus is on Hip Hop and Street Jazz.
Prerequisite(s): MTR 415 with a minimum grade of C.

MTR 480 Dance for Performing Artist 3 Credits
This course is a culmination of the dance elements and forms studied in ballet, tap, and jazz dance. Context areas include movement used most often in performance of music theater and movement fundamentals applicable to all aspects of presentation and principle to refine and articulate the performer's awareness and use of the body through singing and dance. Performance issues and movement as a basis for music and sound production are addressed.
Prerequisite(s): MTR 209, MTR 309.

MTR 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credit hours. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

MTR 491 Internship in Music Theater 1-12 Credits
Provides junior or senior musical theatre majors with the opportunity to gain practical experience working within a professional environment. Students must be sponsored by a musical theatre or theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

MTR 492 Singing Actor: Music Theater 3 Credits
This semester combines all dramatic and musical studies to create an authentic and believable character that is both emotionally truthful and musically expressive. Music is studied as "script" and dramatic choices are prepared in relationship to all elements present in the score.
Prerequisite(s): MTR 216 and MTR 217.

MTR 493 Music Theater Production 1 Credits
Preparation and performance of a solo or ensemble role in a fully staged music theatre production. Concurrent participation in stage crew activities is required.

MTR 495 Special Topics in Theater Dance 1 Credits
This class covers discrete movement styles, techniques, or forms for the advanced dancer such as the choreography and techniques of Bob Fosse, Jerome Robbins, Jack Cole, and other theatrical dance choreographers.
Prerequisite(s): MTR 319, MTR 212, and MTR 308.

MTR 496 Music Theater Workshop 3 Credits
This class, building upon the foundational studies associated with preparation and exploration (both dramatic and musical), focuses on performances. Students are taught methods for synthesizing all former training in acting, music, and movement to the needs of the character and the play/score. Each student fully prepares at least two complete roles from the music theater repertoire. The class culminates in a performance of scenes--the Junior Cabaret!
Prerequisite(s): MTR 216, MTR 217, MTR 492.

MTR 497 Musical Theatre Senior Showcase 1 Credits
This course is a senior level capstone experience for BFA Musical Theatre students, and acts as a bridge between life in the university and life as a professional musical theatre performer. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent. Only students who have successfully completed ALL prerequisite coursework may participate in the Senior Showcase. BA Theatre students with Musical Theatre Concentration may participate only if the prerequisites are met.
Prerequisite(s): MTR 415, MTR 207, MTR 216, MTR 217, MTR 492.

Music Theory (TH)

Courses and Descriptions

TH 001R Student Recital 0 Credits
25 Minute Student Recital.

TH 002R Student Recital 0 Credits
45-60 Minute Student Recital.

TH 045 Introduction to Musicianship 4 Credits
Integration of the basic elements of music, scales, intervals, key signatures, triads and rhythmic notation with the practical skills of sight singing, rhythmic reading, keyboard harmony and dictation. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade; 0 credits toward graduation, counts as 4 credits in the semester load.

TH 100 Topics in Music Theory 3 Credits
The topic of courses carrying this number will vary with the special interests and qualifications of the instructors teaching them. They are meant to be at an introductory level, open to all Rider University students. Possible topics include music and social causes or distinct perspectives, or specific creative techniques in music such as songwriting for beginners.

TH 141 Musicianship I 4 Credits
This course assists students in learning and integrating aural, performance, analytical and composition skills involving diatonic melody and harmony. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade.
Prerequisite(s): TH 045 or passing a placement test.

TH 142 Musicianship II 4 Credits
A continuation of TH 141 involving chromatic melody and harmony with an introduction to binary and ternary form.
Prerequisite(s): minimum "C-" grade in TH 141.

TH 168A Applied Composition 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

TH 168B Applied Composition 1 Credits
Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

TH 168C Applied Composition 2 Credits
One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

TH 168D Applied Composition 1 Credits
Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

TH 168E Applied Composition 2 Credits
Part-time students: One-hour, 2-credit required or elective lesson – fee charged per semester.

TH 168F Applied Composition 1 Credits
Part-time students: Half-hour, 1-credit required or elective lesson – fee charged per semester.

TH 168G Applied Composition 2 Credits
One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

TH 237 Composition Class 3 Credits
Class instruction in original composition. May be taken as a level I elective.
Prerequisite(s): For non Theory/Composition majors only, minimum "C-" grade in TH 142.

TH 241 Musicianship III 4 Credits
A continuation of TH 142 with an introduction to larger musical forms and counterpoint.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 251 Analytical Studies I 3 Credits
An in-depth analytical study of a select body of tonal music to be determined by the instructor. The music, which will contain only the harmonic vocabulary and formal structures studied in TH 141 and TH 142, may vary each time the course is offered. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 253 Orchestration 3 Credits
A study of the orchestra and its individual instruments from the standpoints of the composer, arranger and conductor. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 255 Song Writing 3 Credits
Solo vocal composition in various styles. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 259 Electroacoustic Music 3 Credits
An introduction to the history and literature of electroacoustic music emphasizing hands-on creative opportunities in sequencing and digital sound processing. May be taken as a level I theory elective.
Prerequisite(s): minimum "C-" grade in TH 142.

TH 342 Contemporary Trends 3 Credits
An analytical study of the compositional techniques of the 20th and 21st centuries.
Prerequisite(s): TH 241.

TH 424 Choral and Instrumental Arranging 3 Credits
Arranging for various ensembles of voices and instruments. May be taken as a level II theory elective.
Prerequisite(s): TH 241.

TH 431 Form and Analysis 3 Credits
Study of the compositional process as observed in selected examples of music literature, predominantly from the tonal repertoire. May be taken as a level II theory elective.
Prerequisite(s): minimum "C-" grade in TH 241.

TH 432 Contrapuntal Techniques 3 Credits
18th century counterpoint with an emphasis on analysis and writing of original compositions. May be taken as a level II theory elective.
Prerequisite(s): minimum "C-" grade in TH 241.

TH 433 Special Topics in Theory 3 Credits
The content of the course carrying this number will vary with the special interests and qualifications of the professor teaching it. May be taken as a level II theory elective.
Prerequisite(s): minimum "C-" grade in TH 241.

TH 452 Analytical Studies II 3 Credits
An in-depth analytical study of a select body of tonal music to be determined by the instructor. The music, which will contain a more advanced harmonic vocabulary and larger formal structures than the music studied in TH 251, may vary each time the course is offered. May be taken as a level II theory elective.
Prerequisite(s): TH 241 with a minimum grade of C-.

TH 480 Senior Project 3 Credits
Independent study in theory or composition resulting in either a paper comparable to a substantial journal article or a composition in one of the larger forms.
Prerequisite(s): Five semesters of private composition study.

TH 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

TH 511 New Music Ensemble 1 Credits
This course provides an opportunity to perform new music, primarily works of fellow students. It will also provide instrumentalists an opportunity to develop their performance skills more fully.

TH 512 Chinese Music Ensemble 1 Credits
This course provides an opportunity to learn a Chinese instrument and to perform on it in an ensemble setting. Students will learn musical styles from different parts of China and the Chinese Diaspora.

TH 550 Keyboard Harmony 3 Credits
An intense exploration of and drill in musicianship-keyboard skills, including score reading, transposition, modulation, clef reading, figured bass realization, harmonizing melodies, improvising and lead sheet accompanying. Projects may include transposition of a number of songs (perhaps a complete set) into all keys, figured bass realization for a Bach cantata, improvisation of service music (prelude, offertory, interludes, chorale preludes, postlude), multiple re-harmonizations of hymns/chorales for a service and score reduction and performance of a movement of an orchestral work. May be taken as an undergraduate level II theory elective.
Prerequisite(s): Undergraduate, minimum "C-" grade in TH 241; Graduate, Removal of all theory deficiencies.

TH 608 Graduate Musicianship Review 4 Credits
Required for graduate students admitted with deficiencies in musicianship as determined by the graduate placement test in musicianship. This course assists students in learning and integrating aural, performance, analytical and composition skills. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade. It is strongly recommended that this course be taken at the outset of graduate study.

TH 622 Electroacoustic Music 3 Credits
Advanced opportunities for creative activities utilizing the resources of Westminster's Music Computing Center. Previous experience with sequencers and/or digital audio is expected.
Prerequisite(s): Removal of all music theory deficiencies.

TH 623 Seminar in Music Theory 3 Credits
The content of the course bearing this number will vary with the special interests and qualifications of the professor teaching it.
Prerequisite(s): Undergraduate, minimum "C-" grade in TH 241 and permission of instructor, or graduate student standing and removal of all music theory deficiencies.

TH 625 Composition 3 Credits
Class instruction in original composition. Projects and presentations.
Prerequisite(s): Graduate student standing and removal of all music theory deficiencies.

TH 645A Composition Primary 3 Credits

TH 645C Composition Elective 2 Credits

TH 645D Composition Elective 1 Credits

TH 645E Composition Primary 3 Credits

TH 645F Composition Primary 1 Credits

TH 655 Composition Project 3 Credits
Graduate-level private study in composition culminating in a major composition in one of the larger forms.
Prerequisite(s): three semesters of TH 645.

TH 690 Independent Research and Study 1-3 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

TH 726 Analysis 3 Credits
A study of the compositional process as observed in selected tonal works, using the analytical approach of Heinrich Schenker.
Prerequisite(s): Removal of all music theory deficiencies.

Nursing (NUR)

Courses and Descriptions

NUR 400 Professionalism and Professional Values 3 Credits
Professionalism and the inherent values of altruism, autonomy, human dignity, integrity, and social justice are fundamental to nursing. The nature and scope of professional nursing, critical thinking, professional accountability, ethical decision-making, and client education as integral parts of the nursing process are examined. Quality and Safety Education in Nursing (QSEN) concepts are emphasized. This course provides a foundation for the baccalaureate nurse to have a solid understanding of the broader professional standards of moral, ethical, and legal conduct in the nursing profession and to facilitate the role of the nurse as a change agent.

NUR 401 Organizational and Healthcare Systems Leadership 3 Credits
This course provides a foundation of principles of leadership based on contemporary needs for qualified nursing leaders who can function and manage in complex healthcare delivery environments. Learning activities and assignments will focus on strategies for self-assessment and self-reflection of one's own leadership skills, knowledge, and attitudes that foster and promote nursing leadership in diverse healthcare delivery settings, and strategies for best practice in nursing leadership in the 21st century.

NUR 402 Scholarship in Evidence-Based Practice 3 Credits
This course provides a foundation of evidence-based research principles to translate evidence into practice and how research informs professional nursing practice to improve patient safety and outcomes. Learning activities and assignments will focus on strategies for learning how to assess scientific merit of data-driven research, apply evidence-based practice in appropriate ways, monitor and evaluate the impact of evidence-based practice on informed nursing practice and outcomes of care as well as collaborate with interprofessional health care teams to improve patient safety and outcomes in a variety of healthcare delivery settings.

NUR 403 Information Management and Application of Patient Care Technology 3 Credits
This course provides a foundation of information management and application of patient care technology to enhance and improve patient safety and outcomes by examining linkages between information management systems and patient care technologies that support and are linked to safe nursing practice. The course examines how technology is used to inform nursing practice and enhance patient safety by applying safeguards and decision making support tools embedded in the technologies. Students are exposed to effective clinical information systems (CIS) to document nursing care, examine the ethical components of protecting patient information, challenges with data security, regulatory requirements, confidentiality and rights to privacy as well as examine the role of the professional nurse in updating and garnering information management resources and applying them in patient care settings.

NUR 404 Healthcare Policy, Finance, and Regulatory Environments 3 Credits
This course provides a foundation of U.S. healthcare policy, including financial and regulatory policies, as well as the nature and functioning of the U.S. healthcare delivery system. There is emphasis on policy processes at the organizational, local, state, national, and global levels. Learning activities and assignments focus on strategies for learning how to assess the role of the baccalaureate-prepared nurse in policy formation and reformation at all levels, demonstrating understanding of the political process at all levels, developing effective advocacy strategies for vulnerable populations, how to identify and influence key stakeholders in the policy process, the importance of effective communication of key healthcare issues, and how to influence change in the political process at all levels when there is social injustice.

NUR 405 Interprofessional Collaboration and Communication for Improving Healthcare Outcomes 3 Credits
This course provides a foundation of key concepts essential to promotion of effective interprofessional collaboration and communication for improving healthcare outcomes and patient safety. There is emphasis in the course on examination of the roles and perspectives of scope of practice for selected healthcare disciplines in intra-and interprofessional healthcare teams to improve healthcare outcomes and promote patient safety, and on effective strategies for advocacy and communication patterns in healthcare delivery settings as healthcare professionals develop trust and respect for all members of the healthcare team while recognizing unique differences and contributions of roles to patient safety and outcomes.

NUR 406 Population Health Promotion and Prevention Across the Lifespan 3 Credits
This course provides a foundation of key concepts essential to population-focused nursing, the aggregate, community or population as the unit of care. The focus of the course is on health promotion/disease prevention with emphasis on the professional nurse role in clinical prevention of disease and care of populations applying concepts of primary, secondary, and tertiary health promotion across the lifespan, identifying determinates of health, prioritizing primary prevention across the lifespan, actively identifying and targeting populations benefitting from evidence-based preventive initiatives and clinical preventive guidelines, assessment strategies for individuals and populations, applying evidence-based practice to health promotion/risk reduction, and being an advocate for vulnerable and disenfranchised populations without resources or a voice.

NUR 407 Cultural Diversity in a Global Society 3 Credits
This course provides a foundation of key concepts essential to nursing care and professional nursing leadership in assessment, planning, design, implementation, and evaluation of the knowledge, skills, and attitudes they must have as leaders of healthcare delivery focusing on improved system safety and effectiveness. There is particular emphasis on the nursing leadership role at the baccalaureate level for nursing to recognize, interrupt, evaluate, and correct healthcare errors and to implement safety principles and work with others to create a safe, caring environment for every healthcare delivery encounter as they provide care themselves, are acting in a leadership capacity, or are overseeing and delegating to other non-licensed assistive personnel. The course content focuses on identification, assessment, planning, design, and evaluation of evidence-based practice change to improve patient safety and outcomes.

NUR 408 Gerontological Nursing Concept 3 Credits
This course provides a foundation of key concepts essential to care of an aging population in a complex society. Given the diverse health status of the aging population, professional nurses must be able to develop competencies to provide high quality care to aging adults and their families or significant others. Specifically the course focuses on increased diversity and complexity of an aging society and selected health care needs, life transitions of aging adults, normal body system changes occurring with the aging process, the professional nurse role in principled care provided to a vulnerable population, and the role of the professional nurse as advocate and caregiver promoting the concepts of quality end-of-life care for aging adults, including pain and symptom management honoring the autonomy and self- wish of the aging client.

NUR 409 BSN Capstone 3 Credits
This course provides a foundation of key concepts essential to nursing care and professional nursing leadership in assessment, planning, design, implementation, and evaluation of the knowledge, skills, and attitudes they must have as leaders of healthcare delivery focusing on improved system safety and effectiveness. There is particular emphasis on the nursing leadership role at the baccalaureate level for nursing to recognize, interrupt, evaluate, and correct healthcare errors and to implement safety principles and work with others to create a safe, caring environment for every healthcare delivery encounter as they provide care themselves, are acting in a leadership capacity or are overseeing and delegating to other non-licensed assistive personnel. The course content focuses on identification, assessment, planning, design, and evaluation of evidence-based practice change to improve patient safety and outcomes. **Prerequisite**(s): NUR 402, NUR 405.

Organ (OR)

OR 001R Student Recital 0 Credits
25 Minute Student Recital.

OR 001S Applied Organ Studio 0 Credits

OR 002R Student Recital 0 Credits
45-60 Minute Student Recital.

OR 168A Applied Organ 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

OR 168B Applied Organ 1 Credits
Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

OR 168C Applied Organ 2 Credits
One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

OR 168D Applied Organ 1 Credits
Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

OR 168E Applied Organ 2 Credits
Part-time students: One-hour, 2-credit required or elective lesson – fee charged per semester.

OR 168F Applied Organ 1 Credits
Part-time students: Half-hour, 1-credit required or elective lesson – fee charged per semester.

OR 168G Applied Organ 2 Credits
One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

OR 433 Organ Literature I 3 Credits
Historical study of organ literature coordinated with a study of the development of the organ as a musical instrument.

OR 434 Organ Literature II 3 Credits
Continuation of OR 433.

OR 490 Independant Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

Philosophy (PHL)

Courses and Descriptions

PHL 100 Plato and Aristotle 3 Credits
The beginnings of Western scientific and humanistic thought among the early Greeks and their progress into the two great systems of Plato and Aristotle. Selections from Plato and Aristotle are read and discussed to determine the meaning and significance of philosophical ideas that have subsequently influenced the whole history of Western civilization. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 102 Philosophical Thinking 3 Credits
An introduction to philosophical thought with an emphasis on the enduring questions and problems of philosophy. We will explore such questions as: how do I know I am not dreaming? Is there an external world? What is truth? Is there a self? Is there a God? What is the relationship between the mind and the body? How can I tell right from wrong? What makes government legitimate? What is justice? What is the meaning of life? We will consider answers to these questions from diverse philosophical traditions, reading such philosophers as Plato, Descartes, Zhuangzi, Hume, Vasubandhu, Berkeley, Aquinas, Avicenna, Udayana, Kant, Mill, Russell, Camus, and Nishitani. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 110 Logic and Language 3 Credits
A study of the logical structure of argumentation in ordinary language, with an emphasis on the relation of logic to the uses of language in practical affairs. Traditional informal fallacies are studied as well. Discussions explore the nature of validity, truth, meaning, and evidence in relation to the evaluation of arguments. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 115 Ethics 3 Credits
A combined historical and systematic analysis of the problems of ethics. Such problems as the nature and meaning of moral values and judgments, moral responsibility and freedom, conscience and happiness, the good life, and the relativity of value, are explored through the writings of such philosophers as Plato, Aristotle, Aquinas, Kant, Mill, and Nietzsche. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 120 American Philosophy 3 Credits
The development of philosophical thought in the United States from the colonial era to the 20th century. Studies such thinkers as Edwards, Jefferson, Emerson, Thoreau, Peirce, James, Dewey, and King, and their ideas on human nature, free will, religion, morality, and politics. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 125 Philosophies of Education 3 Credits
Studies classical and contemporary theories of the nature, structure, and aims of education, including major works of such philosophers as Plato, Rousseau, and Dewey. The course will also introduce students to methods of critical philosophical analysis. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 130 Political Philosophy 3 Credits
An introduction to the problems of political philosophy with an emphasis on recent and contemporary issues, such as the conflict between liberal and conservative ideologies, fascism, revolution, civil disobedience, and the concept of legitimate political authority. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 202 Social Philosophy 3 Credits
Emphasizes social ethics through critical studies of such contemporary problems as abortion, euthanasia, the death penalty, pornography and censorship, animal rights, drug use, sexual morality, environmental ethics, and world hunger. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 203 Business Ethics 3 Credits
Surveys and examines ethical problems concerning the institutions and practices of contemporary business. Problems considered include: the conflicts of economic freedom and social responsibility; the relation of profits to work and alienation; the responsibilities of business to employees, minorities, consumers and the environment; the role of truthfulness in business practices; and the ethics of self-fulfillment and career ambitions. Readings selected from works of contemporary and historical philosophers, social theorists, and business people.

PHL 207 Asian Philosophy 3 Credits
A survey of the principal philosophical perspectives of Asia. Emphasis on the traditional Indian schools of Hinduism, Jainism, and Buddhism, Chinese Confucianism and Taoism, and the development of Zen Buddhism in China and Japan. Philosophical topics include: mystical experience, the ultimate nature of reality, the existence of a soul, the causes of human suffering, and the possibility of release, the nature of virtue and its development, and the nature of society and government. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 210 Symbolic Logic 3 Credits
An introduction to logic from the standpoint of modern symbolic methods, including techniques of formal deductive proof, quantification, the logic of relations, and properties of formal deductive systems. Discussions focus on philosophical issues in recent and contemporary logical theory. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 215 Environmental Ethics 3 Credits
A comprehensive introduction to environmental ethics that examines the major theoretical approaches, including anthropocentric (human-centered), zoocentric or sentientist (animal-centered), and biocentric or ecocentric (nature-centered) value systems, as well as the most important critiques of these ethical approaches. We will examine and analyze several classical ethical theories that are particularly relevant to a study of contemporary environmental controversies. We will also address specific issues such as biodiversity and wilderness preservation; human use of animals as food, entertainment, and research subjects; environmental racism and toxic dumping; sustainable development, population and consumption. Students will analyze and discuss the ethical dimensions of several contemporary environmental controversies. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 225 Modern Philosophy 3 Credits
Examines one of the most exciting periods in the history of philosophy during which philosophers from Descartes to Kant tried to come to terms with the following questions: What is knowledge? Can we know the physical world exists? Can we have scientific knowledge? Can we know God exists? Can we even know whether we exist? The works of Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume and Kant are read and discussed. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 226 Limits of Reason: 19th Century Philosophy 3 Credits
Studies the nature and meaning of reason, freedom, individuality, and society in the writings of philosophers such as Fichte, Hegel, Schopenhauer, Emerson, Thoreau, Comte, Mill, Spencer, Marx, and Nietzsche. Examination of the impact of such philosophies as the dialectical theory of history, transcendentalism, evolutionary theory, positivism, and existentialism on ideas about the nature and limits of human reason.

PHL 230 Philosophy of the Sexes 3 Credits
Studies philosophical views of the differences between the sexes, sexual equality, love, marriage, and the family from ancient Greece to the 20th century. Texts from the contemporary women's and men's movements will also be examined. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

PHL 252 The Nature of Art 3 Credits
An inquiry into the nature of art, creativity, aesthetic experience, and value. Special attention to the importance of art in relation to the nature of man and society. Readings from classical theories of art (Plato, Hegel, Schopenhauer, Croce, Santayana), as well as from contemporary analyses of 20th-century art.

PHL 300 Philosophy and Civilization 3 Credits
An investigation of the rise and fall of civilizations in history, studying philosophical questions such as is history cyclical? Linear? Progressive? Directed toward a final goal? What is the role of the individual in history? Of economic, political, sociological, and psychological causes? Does history have a meaning? The works of St. Augustine, Vico, Hegel, Marx, and Toynbee, and the contemporary debate about the "clash of civilizations" between Islam and the West will be discussed.

PHL 303 Philosophy of Law 3 Credits
An examination and analysis of selected topics including classical and contemporary theories in the philosophy of law and moral philosophy. Such topics as the nature of the law and legal reasoning, the legal enforcement of morality, protection of personal liberty, and the moral justification of punishment are considered. Such philosophers as Aquinas, Austin, Holmes, Bentham, Hart, and Dworkin are read and discussed.

PHL 304 Medical Ethics 3 Credits
Introduces the student to ethical problems associated with the practice of medicine, the pursuit of biomedical research, and health care social policy. The course will explore such issues as: Is a physician morally obligated to tell a terminally ill patient that he or she is dying? Is society ever justified in enacting laws that would commit an individual, against his or her will, to a mental institution? Does society have a moral obligation to ensure that all its members have access to health care? To what extent, if at all, is it ethically acceptable to clone a human being? Under what conditions is human experimentation ethically acceptable?
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 305 Philosophy of Religion 3 Credits
An inquiry into the meaning, significance, and fundamental problems of religion as they appear in their philosophical perspective. The relation between religion and science, between faith and reason; religious experience, religious truth, and symbolism, etc. will be explored. Selections from the works of Anselm, Aquinas, Augustine, Paley, Hume, Kant, James, and Wittgenstein will be discussed.

PHL 310 Problems in 20th-Century Philosophy 3 Credits
Consideration of major philosophical movements in the 20th century such as phenomenology, existentialism, pragmatism, and analytic philosophy. Within these movements such topics as the function of analysis, language and meaning, the nature of values, the nature of persons, the synthetic-analytic distinction, the mind-body problem, and the possibility of metaphysics are considered. The work of such figures as Wittgenstein, Russell, Heidegger, Husserl, Sartre, Whitehead, and Dewey are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 315 Existentialism 3 Credits
Historical development and contemporary problems of existentialism with emphasis on the nature of man, his ability to know his situation, the relation between existence and essence, and the meaning of human life and activity. The works of such figures as Kierkegaard, Sartre, Heidegger, Camus, Kafka, Beckett, Buber, Laing, and Frankl are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 320 Philosophy of Science 3 Credits
The logic of fundamental concepts of science and scientific methods are studied. Patterns of explanation are examined to understand the functions of laws, theories, and predictions in science. Inquiry is made into the relation between mathematics and empirical science; similarities and distinctions between the natural and social sciences. The role of science in human affairs and the value of scientific knowledge.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 334 Theories of Knowledge 3 Credits
An investigation of selected, representative theories of knowledge from classical and contemporary sources. Considers the analytic-synthetic distinctions, necessary truth, and the foundations of empirical knowledge. Such philosophers as Leibniz, Hume, Kant, Russell, and Quine are read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 336 Philosophy of Mind 3 Credits
An investigation of the nature, existence, and capacities of the mind and self in the light of recent philosophical and psychological theories, including psychoanalysis and behaviorism. Considers such topics as the interaction of mind and body, the unconscious, minds and machines, freedom of thought and action.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 343 Theories of Reality 3 Credits
An examination of metaphysical problems with an emphasis on philosophical views of human nature from ancient Greece to contemporary evolutionary theories. The writings of such classical, modern, and contemporary figures as Plato, Aristotle, Descartes, Kant, Hegel, and Darwin are read and discussed. Issues studied include the relation between mind and matter, freedom and determinism, and the existence of God.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 348 Indian Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of India. Emphasis on the disputes between the traditional Hindu and Buddhist schools of the classical period over logic, knowledge, and reality. Philosophical topics include: skepticism, the problem of universals, realism and idealism, the nature of perception, the problem of induction, the nature of causality, and the problem of identity over time. Philosophers such as Nagarjuna, Vasubandhu, Vatsyayana, Dharmakirti, and Udayana will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 358 Chinese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of China. Emphasis on the political philosophies of ancient China. Topics include: human nature and the development of virtue, the nature and purpose of government, and the cognitive value of mystical experience. Philosophers such as Confucius, Laozi, Xunzi, Mencius, Mozi, and Zhuangzi will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 360 Contemporary Ethics 3 Credits
An examination of recent and contemporary challenges to traditional ethical theory including such movements as logical positivism, cultural relativism, feminism, environmentalism, multiculturalism, and postmodernism. Such problems as the meaning and cognitive status of value judgments, the relation between fact and value, the relativity of values, and how value judgments can be justified are considered.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 368 Japanese Philosophy 3 Credits
Consideration of major movements in the philosophical tradition of Japan, with an emphasis on Zen Buddhism in Medieval Japan and the Kyoto school in the 20th century. Topics include: the use of meditation and koans in Zen practice, the relationship between practice and enlightenment, the nature of time, meaning and nihility, and the relationship between science and religion. Philosophers such as Kukai, Mumon, Dogen, and Nishitani will be read and discussed.
Prerequisite(s): CMP 125 or CMP 203 or BHP 150.

PHL 402 Nietzsche and Nihilism 3 Credits
A seminar dealing with Nietzsche's provocative ideas on Nihilism and the possibility of creating meaning, value, and truth for human existence. Many of his important works are read, analyzed, and critically discussed. Recent scholarly interpretations of Nietzsche's philosophy are considered.
Prerequisite(s): any previous philosophy course or permission of instructor.

PHL 404 Philosophy of Wittgenstein 3 Credits
Seminar involving a concentrated study of Wittgenstein's contributions to philosophy with special attention to his analysis of language, meaning, and mental concepts.
Prerequisite(s): any previous philosophy course or permission of instructor.

PHL 406 Philosophy of David Hume 3 Credits
Seminar involving a concentrated study of Hume's contributions to philosophy, including his work on epistemology, metaphysics, ethics, philosophy of science, and philosophy of religion.
Prerequisite(s): any previous philosophy course or permission of instructor.

PHL 407 Philosophy of Hannah Arendt 3 Credits
Seminar involving a concentrated study of the philosophy of Hannah Arendt with special attention to her analysis of action, thought, and freedom.
Prerequisite(s): any previous philosophy course or permission of instructor.

PHL 408 The Philosophy of William James 3 Credits
Seminar involving a concentrated study of William James' contributions to philosophy with special attention to his pragmatism, pluralism, and radical empiricism. Many of James' philosophical works are read, analyzed, and critically discussed. Recent scholarly interpretations of James' philosophy are considered.

PHL 418 Great Buddhist Thinkers 3 Credits
Concentrated study of a single Buddhist philosopher, emphasizing the systematic views of that philosopher across a range of philosophical issues. Through an examination of primary sources in translation and recent scholarship, students will investigate the views and arguments of one important figure from the Buddhist philosophical tradition on a variety of philosophical problems regarding knowledge, existence, consciousness, religion, and ethics.

PHL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

PHL 491 Internship in Philosophy 1-4 Credits
Students will work under supervision within an area hospital, corporation, or legal agency. The specific duties and tasks will be developed jointly by the intern, intern agency, and faculty supervisor. Within the hospital setting, students will work with the Hospital Medical Ethics Committee. Within the corporate setting, there will be two types of internships: students will work in the corporate office responsible for addressing the ethical issues that arise in the business environment; or students will work in a department that allows them to explore the potential business applications of their philosophic intellectual training. Within the legal setting, students will work with the federal magistrate, prosecutor, or public defender, exploring issues in the philosophy of law that arise in the practice of law. Students must have completed four philosophy courses, one at the 300 level, before applying for the internship. No more than six credits will be allowed toward graduation. A member of the department of philosophy will supervise the internship.
Prerequisite(s): juniors and seniors with a minimum of 2.7 cumulative GPA and 3.0 GPA in philosophy, or permission of the department of philosophy.

PHL 494 Preparation and Research for Senior Philosophy Thesis 1 Credits
Supervised by a faculty member, the Philosophy major chooses a topic, composes an outline and a bibliography. Must be completed prior to enrolling in PHL 495.

PHL 495 Senior Philosophy Thesis 3 Credits
In a tutorial setting, the Philosophy major will write a thesis which serves as the Capstone Experience in the Department.
Prerequisite(s): PHL 494.

Physics (PHY)

Courses and Descriptions

PHY 100 Principles of Physics I 3 Credits
Introductory noncalculus physics with applications for pre-professional, biology, and geological, environmental and marine sciences majors. Classical mechanics, energy, mechanical waves, fluid statics and dynamics, thermodynamics. Elements of modern physics are interwoven with those of classical physics from the beginning. Not open to chemistry, physics, or mathematics majors. Three hours of lecture per week. Prerequisite(s): MTH 105, MTH 210, MTH 211 or MTH 212.
Corequisite(s): PHY 100L.

PHY 100L Principles of Physics I Lab 1 Credits
For students concurrently taking PHY 100. One three-hour lab per week.
Corequisite(s): PHY 100.

PHY 101 Principles of Physics II 3 Credits
Continuation of Physics 100. Electrostatics, electricity, and magnetism; DC and AC circuits, physical and geometrical optics, introduction to elementary particle and quantum physics. Three hours of lecture per week. Prerequisite(s): PHY 100.
Corequisite(s): PHY 101L.

PHY 101L Principles of Physics II Lab 1 Credits
For students concurrently taking Physics 101. One three-hour lab per week.
Corequisite(s): PHY 101.

PHY 103 Science of Light and Color 3 Credits
An introduction to the science of light, color, and optics. Covers history of theories of light and vision, applications in art, photography, natural phenomena (rainbows, mirages, etc.), and modern technology, e.g., lasers and telecommunications. Many topics are illustrated by in-class demonstration experiments with lasers and other optical devices.

PHY 104 Energy, the Environment & Man 3 Credits
The many vital roles played by energy in the universe at large, on the earth, and in the activities of man are examined, including the basic sources of energy, the impact upon the environment due to these processes and possible future sources. A high school course in physics or chemistry is desirable but not necessary.

PHY 105 Matter, Forces, and Energy: A Exploration of Physics Concepts 4 Credits
An introduction to the basic principles of physics focusing on the concepts of matter, force, and energy. The course will study, in depth, simple physical systems chosen to emphasize the interconnection of these three basic concepts. It will explore the behavior of these simple physical systems using directed group exercises coordinated with hands-on laboratory activities. One three-hour lecture and one three-hour lab per week.

PHY 105L Matter, Forces and Energy Lab 0 Credits

PHY 180 Astronomy 3 Credits
Examines mankind's quest to understand the origin and form of the universe. Emphasis on the ideas of modern cosmology and their impact on our changing perception of our place in the universe, making use of information gleaned by simply looking at the night sky as well as post Apollo-era views of the solar system and the evolving universe as a whole.

PHY 200 General Physics I 4 Credits
Introductory classical physics; Newtonian mechanics, including the conservation laws, wave motion, gravity, thermodynamics. Three hours of lecture and one three-hour lab per week. Prerequisite(s): MTH 210 or concurrent enrollment
Corequisite(s): PHY 200L.

PHY 200L General Physics I Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 200.

PHY 201 General Physics II 4 Credits
A continuation of the concepts developed in Physics 200. Electricity, electrical circuits, magnetism, Maxwell's equations. Light and optics, including lenses, interference, and diffraction. Three hours of lecture and one three-hour lab per week. Prerequisite(s): PHY 200, MTH 211 or concurrent enrollment.
Corequisite(s): PHY 201L.

PHY 201L General Physics II Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course.
Corequisite(s): PHY 201.

PHY 203 Introduction to Modern Physics 3 Credits
Covers space-time relativity, elementary particles, and basic quantum mechanics, including solutions of the Schrodinger wave equation. Applications of quantum theory in atomic, nuclear, and solid-state physics.
Prerequisite(s): PHY 201 or permission of instructor.

PHY 250 Scientific Computing 3 Credits
Introduces students to modern techniques and applications of scientific computing. Students will learn to write code in python, a popular, modern programming language used by scientists and industry around the world. They will also retrieve and analyze large datasets using SQL, a standard database language. Students will develop their own software and learn to manage it online using github, an online code repository.

PHY 300 Mechanics 3 Credits
Kinematics and dynamics of particles and systems, analysis of harmonic oscillator systems, normal modes, Lagrangian and Hamiltonian dynamics and classical waves are studied.
Prerequisite(s): PHY 201, MTH 250.

PHY 305 Electricity and Magnetism 3 Credits
Electro- and magnetostatics, fields and potentials, and boundary value problems are covered.
Prerequisite(s): PHY 201, MTH 250.

PHY 310 Advanced Electricity and Magnetism 3 Credits
Maxwell's equations; electromagnetic waves in vacuum and in material media; radiation, propagation, reflection, and refraction.
Prerequisite(s): PHY 305, MTH 308.

PHY 315 Thermodynamics and Statistical Mechanics 3 Credits
Thermodynamic systems; the first and second laws of thermodynamics; entropy and thermodynamic potentials; distribution of molecular speeds; Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac distributions.
Prerequisite(s): PHY 201.

PHY 320 Quantum Mechanics 3 Credits
Historical background; the Bohr Theory; the Schrodinger equation, its interpretation and applications; the uncertainty and exclusion principles; development of the formalism.
Prerequisite(s): PHY 300.

PHY 330 Basic Electronics 3 Credits
An experimental study of devices and circuits in analog and digital electronics. No previous experience with electronic circuits is assumed; introductory topics including signal acquisition, computer interfaces, and analog/digital signal processing will be covered. One hour of lecture plus two three-hour labs per week.
Prerequisite(s): PHY 201 or permission of instructor.

PHY 350 Advanced Laboratory 2 Credits
Experiments in atomic and nuclear physics, electricity and magnetism, and physical optics. Students have the opportunity to work intensively on a particular experiment. Minimum of five to six hours per week.

PHY 400 Atomic Physics 3 Credits
Quantum mechanics and the one-electron atom; atomic structure and optical spectra of multi-electron atoms. Quantum statistics, band theory of solids.
Prerequisite(s): PHY 320.

PHY 405 Fundamentals of Nuclear Physics 3 Credits
Nuclear mass and size; nuclear forces and some models of the nucleus; radioactivity and detection; subnuclear particles and resonances.
Prerequisite(s): PHY 320.

PHY 415 Physical Optics 3 Credits
Waves and the superposition principle; interference, Fraunhofer and Fresnel diffraction; electromagnetic nature of light; absorption and scattering; dispersion; polarization.
Prerequisite(s): PHY 201, MTH 250.

PHY 416 Modern Experimental Optics Lab 1 Credits
A laboratory course in geometrical and physical (wave) optics, designed to supplement the material presented in PHY 415. Serves as an introduction to the optical equipment and techniques that are employed in laboratory research. A series of experiments cover the topics of polarization, interference, image formation, Fourier optics and lasers, and optical spectroscopy.
Prerequisite(s): PHY 201.

PHY 450 Topics in Modern Physics 3 Credits
A selected topic of contemporary interest in physics, e.g., general relativity and gravity waves, is studied. Emphasis on current journal literature and research. May be taken more than once with departmental approval. An excellent introduction to independent research in one area of physics.
Prerequisite(s): PHY 201.

PHY 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in laboratory research. The student learns to organize material, use the literature, make precise measurements, and obtain reproducible data. If possible, the student will publish the results or present them at a scientific meeting.

PHY 491 Internship in Physics 1-4 Credits
A supervised research experience in an approved organization where qualified students gain real-world knowledge and utilize their academic training in a professional environment. Placement may be in private, public, non-profit, or governmental organizations under the guidance of a mentor. The mentor and student will have regular consultation with the departmental internship coordinator to assess the student's progress. Normally, 50 hours of internship per credit is required. The grade for the course will be determined by the student's overall performance in their research work, a research paper documenting their work with their internship mentor and an oral or poster presentation at the end of the semester.
Prerequisite(s): 2.5 GPA and permission of the instructor.

Piano (PI)

PI 001R Student Recital 0 Credits
25 Minute Student Recital.

PI 001S Applied Piano Studio 0 Credits

PI 002R Student Recital 0 Credits
45-60 Minute Student Recital.

PI 045 Introduction to Piano Secondary 1 Credits
Designed for student will little to no background in piano study or music reading. Students will develop a foundation (basic elements) of pianism/musicianship skills and will focus on the most fundamental aspects of music study at the piano. 0 credits toward graduation, counts as 4 credits in the semester load.
Prerequisite(s): placement; Students must pass this course with a grade of "Y" to progress to PI 103: Piano Secondary I.

PI 103 Piano Secondary I 1 Credits
Establishes a solid foundation of piano playing through integration of musicianship skills in addition to building facile digital independence and bilateral hand coordination. Minimum grade of "B-" required to pass the course.
Prerequisite(s): Grade of "Y" in PI 045 or placement.

PI 104 Piano Secondary II 1 Credits
Continuation of PI 103; appropriate for the advanced beginner. Minimum grade of "B-" required to pass the course.
Prerequisite(s): PI 103 or placement.

PI 168A Applied Piano 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

PI 168B Applied Piano 1 Credits
Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

PI 168C Applied Piano 2 Credits
One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

PI 168D Applied Piano 1 Credits
Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

PI 168E Applied Piano 2 Credits
Part-time students: One-hour, 2-credit required or elective lesson – fee charged per semester.

PI 168F Applied Piano 1 Credits
Part-time students: Half-hour, 1-credit required or elective lesson – fee charged per semester.

PI 168G Applied Piano 2 Credits
One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

PI 203 Piano Secondary III 1 Credits
Establishes fluidity in piano playing through integration of musicianship skills, digital independence and bilateral hand coordination. Minimum grade of "B-" needed to pass the course.
Prerequisite(s): minimum grade of "B-" in PI 104 or placement.

PI 204 Piano Secondary for Mus Ed & Sacred Music 1 Credits
Development of practical keyboard skills: sight-reading; playing vocal lines and piano parts of choral works; playing individual lines/parts of small-scale instrumental works; harmonizing and transposing melodies with accompaniments.
Prerequisite(s): minimum grade of "B-" in PI 203 or placement.

PI 205 Piano Secondary VCPER 1 Credits
Development of practical keyboard skills: sight-reading; playing vocal lines and piano parts of songs and arias; warm-up exercises; transposing vocal lines and portions of accompaniments; harmonizing melodies.
Prerequisite(s): minimum grade of "B-" in PI 203 or placement.

PI 206 Piano Secondary for Music Theater Majors 1 Credits
Development of practical keyboard skills: sight-reading; playing vocal lines and piano parts of songs and arias; warm-up exercises; transposing vocal lines and portions of accompaniments; harmonizing melodies.
Prerequisite(s): minimum grade of "B-" in PI 203 or placement.

PI 207 Piano Secondary for Theory Comp Majors 1 Credits
Development of practical keyboard skills in the areas of score reading (including one's own works), use of piano as a tool for composition, and realizing chord progressions.
Prerequisite(s): minimum grade of "B-" in PI 203 or placement.

PI 208 Piano Secondary BAM 1 Credits
Development of practical keyboard skills: sight-reading; playing vocal lines and piano parts of songs and arias; warm-up exercises; transposing vocal lines and portions of accompaniments; harmonizing melodies.
Prerequisite(s): minimum grade of "B-" in PI 203 or placement.

PI 297 Fund of Piano Pedagogy I 3 Credits
Fundamentals I is devoted to study of techniques, methods, and materials suitable for beginning through early intermediate level students. Other areas of study include motivational strategies, establishment of effective practice habits, recital preparation, technique, and elementary duet materials. Students analyze and demonstrate teaching from three different beginning piano methods. Observation of professional teaching is done in the context of class and private lessons at the Westminster Conservatory.

PI 298 Fund of Piano Pedagogy II 3 Credits
In Fundamentals II, students continue to apply their experience with piano methods to the teaching of students. In addition, the semester is devoted to the study of materials from all style periods for upper elementary and intermediate level students. Students observe private and group lessons appropriate to these levels. The course culminates in an individual lecture recital demonstrating music from a variety of style periods.
Prerequisite(s): PI 297.

PI 397 Fund of Piano Pedagogy III 3 Credits
Fundamentals III involves supervised private and group teaching of beginning students. Emphasis is placed on lesson planning, presentation of concepts, use of technology, and the relationship between technique and musicianship skills. The course further addresses the different psychological and methodological approaches to teaching adults and children in class and private settings, and includes an overview of materials for the adult student and group classes. The course culminates in a lecture recital on a pedagogical subject of the students choice.

PI 413 Accompanying Class 2 Credits
This course is designed with the twofold purpose of allowing undergraduate pianists to fulfill their piano ensemble elective requirement within the professional studies area as well as providing an opportunity for voice primary students to further their piano study in a challenging forum in situations directly related to their repertoire. The students in the class will receive instruction in the stylistic, technical, analytical and linguistic aspects of vocal literature. The many issues involved in vocal collaboration will be discussed along with in-depth study of the pianist's role in musical partnerships. Issues of musical freedom, language, and the varieties of sonic treatment unique to vocal literature will be discussed. Italian, French, German and English song repertoire from various style periods will provide the assignments for performance and discussion.

PI 435 Survey of Piano Literature I 3 Credits
A study of representative works from 1650-1800 by composers including J. S. Bach, C.P.E. Bach, J.C. Bach, Haydn, Mozart, and Beethoven.
Prerequisite(s): MH 248.

PI 436 Survey of Piano Literature II 3 Credits
A study of representative works from 1800 to the present by composers including Beethoven, Schubert, Mendelssohn, Schumann, Chopin, Liszt, Brahms, Debussy, Ravel, Prokofiev, and Bartók.
Prerequisite(s): MH 248.

PI 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

Political Science (POL)

Courses and Descriptions

POL 100 U.S. Politics in Crisis 3 Credits
It often seems like the American government achieves little other than stoking political animosities amongst the American people. We see daily news stories about gridlock, polarization, partisanship, and corruption. This course introduces students to the basic principles of the U.S. constitutional system and how they are served by the three branches of government, paying special attention to the democratic process, vital public issues, and civil rights and civil liberties. Students will gain a critical understanding of the function and dysfunction in American politics and government, as well as concrete ideas about what can be done about it. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 102 Power, Politics and Justice 3 Credits
Who gets what, when, why, and how? The study of politics and government is, essentially, a study of power and justice. This course introduces students to major ideologies and political theories, systems of government (ranging from presidential to parliamentary to authoritarian), public opinion and political behavior, international relations and war, and contemporary policy issues. Students will learn how to evaluate political institutions and actors in terms of how power is distributed and exercised, and when (and why) justice is and is not achieved. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

POL 200 NJ Government and Politics 3 Credits
Political institutions, processes, and problems of state and local governments of New Jersey. Analysis of legislative, executive, judicial, regulatory bodies, special districts, and autonomous agencies. Aspects of personnel, finance, and services, as well as political parties and elections.

POL 201 Policy Issues, Advocacy, and Budgeting 3 Credits
Surveys various domestic economic and social policy issues, the government budgeting process, and how citizens and groups advocate their interest through organizing, coalition-building and lobbying. Emphasis on developing practical skills in issue analysis, lobbying, legislative tracking, and public budgeting.

POL 202 The Political System - Theories and Themes 3 Credits
This course serves as a gateway to the subfields of comparative politics and international relations. The concept of the political system helps political scientists to organize political interrelations into patterns that allow systematic selection and interpretation of information and the study of processes and outcomes of politics in a variety of settings. The course introduces students to the main brands of normative theory prescribing the principles directing the operation of the political system, to some of the most important methods used to compare political systems and/or their components, and to the foremost approaches utilized in the study of the relations between political systems and their environments. Note: This course is cross-listed as HLS 202. Students may not get credit for both POL 202 and HLS 202.

POL 203 Homeland Security 3 Credits
The course is designed to help students increase their knowledge and understanding of homeland security policy. The course will consider why and how homeland security problems impact the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. The course will primarily examine policy making at the national level in the United States, but will also analyze examples at the state and local level, as well as placing U.S. policy in a comparative perspective. Note: This course is cross-listed as HLS 203. Students may not get credit for both HLS 203 and POL 203.

POL 204 Development and Structure of the US Intelligence Community 3 Credits
This course provides a historical review of intelligence following World War II. It will examine the major functions of intelligence, as well as intelligence as a part of the foreign policy process: collection, analysis, counterintelligence, and convert action. Students will be introduced to a range of collection procedures: human, open source, electronic, photographic, and signal, with emphasis placed on interpreting and writing intelligence summaries. Note: This course is cross-listed as HLS 204. Students may not get credit for both POL 204 and HLS 204.

POL 205 Introduction to Public Policy 3 Credits
The course provides students with an introduction to the study of public policy by linking the theoretical with the practical. The course focuses on three areas of analysis: 1) descriptive 2) evaluative and 3) prescriptive. Students will develop skills required to define and critically examine policy problems, articulate relevant decision-making criteria and assess alternative policy options. Last the course provides examples of public policy problems through the substantive policy areas of health, environment and education.

POL 206 Healthcare Regulation and Governance 3 Credits
Health Regulation and Governance explores the institutions, processes and actors involved in governing and regulating the healthcare system in the US. The course engages the topic through the lens of federalism by examining the role of the Executive, Legislative and Judicial branches of government in regulating and governing healthcare at the national level as well as the role of the states in this policy area. Students will not only be introduced to the structure of regulation and governance of healthcare in the US, but will also be able to contextualize contemporary issues in healthcare in order to not simply addresses problems in the sector, but to also begin to identify solutions to issues that impact the population.

POL 210 Public Opinion 3 Credits
Public opinion as a social force and as expression of public sentiment on political and social issues. Topics include: development and dissemination of opinions, the measurement of public opinion, public opinion and governmental processes, and the reciprocal relationship between mass media and public opinion.

POL 215 Global Politics 3 Credits
The struggle for power, wealth, and order at the global level involving nation-states, intergovernmental organizations (such as the United Nations, the European Union, etc.), non-governmental organizations, transnational enterprises and other non-state entities, using military, economic, diplomatic, legal, and communication instruments. Overview of global problems such as the proliferation of weapons of destruction, ethnic and religious conflicts, human rights, and the global environment in the 21st century.

POL 216 Comparative Political Systems 3 Credits
A general introduction to types of government and political regimes of the world as they try to cope with the dual challenge of ethnic micropolitics and transnational globalization. Major prototypes of democracy: the British parliamentary system, the American separation of powers system, and various combinations of these two. Traditional autocracy, totalitarian dictatorships, and late 20th-century authoritarian regimes. Students are expected to acquire in-depth knowledge of comparative political systems, and to develop a basic understanding and appreciation of the major concepts and themes in comparative political systems studies.

POL 220 Terrorism & Counter Terrorism 3 Credits
This course introduces students to the arguments about the definition of terrorism, the historical use of terrorism and the roles of ideology, religion, and psychological factors that help explain and predict it. The course seeks to identify the components of national security policy aimed at countering such elements and their cost, both in financial and civil right terms. Finally, to illuminate both the definition and the policies discussed, the course will offer brief comparisons with other states, especially Israel, the UK, and Russia. Note: This course is cross-listed as HLS 220. Students may not get credit for both HLS 220 and POL 220.

POL 225 Nationalism in World Politics 3 Credits
Nations and nationalism. An overview of nationalistic manifestations in the world today. Nations, states, nation-states. Multinational states, stateless nations. Imperialism, anti-imperialism; nativism vs. internationalism and globalism. Topics include nationalisms in the Holy Land; in the former Yugoslavia; in the former Soviet Union and its successor states; and economic Nationalism vs. Globalization.

POL 230 Methods of Political Analysis 3 Credits
An overview of the various qualitative and quantitative methods that political scientists use to study their discipline. Themes include analyses of political participation and support, methods of studying elections, measures of political tolerance and liberalism.

POL 235 Race and Ethnicity in American Politics 3 Credits
Examines the changing political, economic, and social situation of racial and ethnic groups in American politics since the 1950s. Topics include the relationship between race/ethnicity and voting behavior, political parties, and election results. Includes an analysis of specific areas of contemporary racial and ethnic conflict, such as voting rights, immigration, and affirmative action.

POL 239 Modern Political Theory 3 Credits
A survey of the most significant political thought from Hobbes through Mill and Marx. Subject matter includes the social contract and discussion of such questions as the nature of freedom, natural law and right, political obligation, justice, and form of regime.

POL 247 Political Campaigning 3 Credits
This course entails the study of campaigning for political office at the federal, state and local levels in the United States. While attention will be given to how the broader political environment and specific factors, e.g., partisanship, hot button issues, local interests, and money, affect the nature of campaigns, the course's primary focus will be on how to organize and conduct a successful and ethical campaign, including how to collect and analyze pertinent data, manage a staff, develop a communications plan, including social media, and get out the vote.

POL 255 European Politics 3 Credits
A comparative analysis of the social and political systems of Britain, France, Germany and other Western countries within the European framework. Emphasis will be on the identification of ways in which countries similar in social characteristics are also similar in their political systems and on the extent and circumstances under which they differ. Similarities and contrasts will also be drawn with political structures and processes in the United States. This course, on occasion, may contain an optional travel component during January.

POL 260 Politics of Law and Order 3 Credits
The constitutional, legal, political, and administrative aspects of the criminal justice system in the United States are studied, including the court system at all levels of government, law enforcement agencies, correctional programs and institutions, probation, parole, and the relationship of our legal institutions to the broader political system.

POL 270 Interest Groups and Lobbying 3 Credits
The course will introduce students to the area of interest groups and lobbying. Topics to be covered include theoretical developments, methodological approaches of group formation, organizational maintenance, and strategies used to influence public policy in the executive, legislative, and judicial branches of government.

POL 280 Sex & Gender in International Politics 3 Credits
What's a student of political science, International Relations (IR), or another social science field to do about feminism? This is a question that has troubled IR for decades. While feminist debates engaged people in spaces outside the disciplines of political science and particularly IR, IR scholars did their best not to see the relevance of feminism for their own debates. That did not stop some feminists from rethinking key IR concepts like power, race and the state, but such contributions were largely ignored by IR scholars until very recently. It was only in the last decades, when feminist questions pushed their way onto the IR agenda through books, journals, and conferences, that feminism suddenly seemed attractive to IR scholars. Designed as an interdisciplinary course with a strong reference to Global and International Politics, this course will provide a basic introduction to some of the major global questions as seen through a feminist lens.

POL 281 Sex & Gender in U.S. Politics 3 Credits
Legal traditions have long maintained that a "man's home is his castle," beyond the reach of the state (thereby ignoring "private" injustices like domestic violence). But the state has always found ways to justify some interventions in citizens' private lives, including legislation of abortion and homosexuality. The personal has always been political, as second-wave feminists rightly insisted in the 1960s. This course examines the intersection of private and public, looking at the ways in which sex, identity and sexuality are implicated in and shaped by politics and policy-making: including the gendered division of labor inside and outside the home; the politics of gender identity; the legislation and policing of sex, sexuality, marriage and families; and the challenges facing women who enter politics. We will ask provocative and pressing questions like: How do sex and sexuality intersect with race, class, disability, and more? Can women (or anyone) really "have it all"? What is the future of transgender rights in the U.S.? Why do women still make up only 20% of Congress? Do women lead differently? To answer these questions, we will turn to political theory, political science, public policy, legal studies, and more.

POL 285 The Student Global Village 3 Credits
This course involves deliberative discussions carried out internationally among college students using videoconferencing technology. The project involves a series of 12 weekly videoconferences between students at Rider University and students at the American University of Cairo, or another international university. Students will be provided with materials to supplement their knowledge of the other country, and to allow them to discuss chosen themes in depth. The students will be required to write papers that describe their attitudes and impressions of the other country at the beginning and the end of the project, and to summarize what they have learned based upon the conferences and readings. Short papers will be required each week to prepare the students for the videoconference theme of the week.

POL 290 Student Nobel Peace Prize Project 3 Credits
Students in this course will do extensive research on social justice issues throughout history and around the world. Working as partners with Notre Dame University in Louaize, Lebanon, Rider University students will make up a list of potential nominations for the Nobel Peace Prize to be awarded the following year. Through ongoing discussion all semester, and negotiating, the two campuses will pare down the list until only one name or organization is the final course choice. The students will then write a letter that nominates their candidate, it will be officially signed and sent to the Nobel Peace Committee in Oslo, Norway. This represents an official nomination for the Nobel Peace Prize, and will be considered by the committee in the following months.

POL 295 Special Topics in Political Science 3 Credits
For non-seniors who engage in serious research in political science. Topic to be approved by instructor and department chairperson.

POL 300 U.S. Constitutional Law 3 Credits
The role of the Supreme Court in the American political system is assessed. Topics include the staffing and functioning of the Supreme Court and the federal judicial bureaucracy, the origins and development of judicial review, and the role of the Supreme Court in national policy-making. Note: This course is cross-listed as HLS 300. Students may not get credit for both HLS 300 and POL 300.

POL 301 Civil Liberties in the U.S. 3 Credits
The American doctrine of civil liberties in theory and practice. Emphasis on analyzing the freedoms of speech, press, assembly, and religion, the right of privacy, and the problem of discrimination in the context of contemporary issues and problems. Particular attention to the role of the Supreme Court in this area. Note: This course is cross-listed as HLS 301. Students may not get credit for both HLS 301 and POL 301.

POL 302 Insurgency 3 Credits
The course explores the occurrence of insurgencies and civil wars. It examines the causes of such conflicts by focusing on the role of resources, state capacity, ethnic/religious differences and power in the initiation of violence. Students will learn how recruitment tactics and access to funding sustain guerrilla warfare. Lastly, the course will focus on conflict management by emphasizing specific tools for terminating and preventing intrastate conflicts including the impact of international interventions, counterinsurgency strategy of winning the hearts and minds, institutional design, and reconciliation.

POL 303 Global Justice 3 Credits
This course examines some of the most vexing problems in today's world of global interconnectedness. How can we harness the potential of global cooperation to solve problems that cross national borders? We will critically analyze the potential for human rights to protect vulnerable individuals, including victims of human trafficking. We will also evaluate the distribution of global resources and costs, including natural resources, extreme poverty and environmental degradation. What do we owe those who live in distant lands? Throughout we will ask how reality matches up to our best hopes for the present and future.

POL 304 Political Behavior: Fear, Risk and Crisis 3 Credits
The course focuses on various analytical approaches in behavioral political science. It does so by advancing students' knowledge of the cognitive aspects of whether citizens engage in various types of political behavior-e.g., voting/non-voting, the formation of political partisanship and ideology, issue perceptions, responding to risk and uncertainty in the political environment, and engaging in civic political participation. Note: This course is cross-listed as HLS 304. Students may not get credit for both POL 304 and HLS 304.

POL 305 Political Parties and Electoral Behavior 3 Credits
The structure, character, and functions of U.S. political parties and pressure groups, and their impact on public policy. Parties are analyzed within the broader scope of organizational theory and comparative party systems. Major emphases on their historical origins, their role in contemporary political life, and particular aspects of party politics--local organization, membership, campaigning and elections, policy-making roles, and leadership.

POL 306 American Political Film 3 Credits
This course analyzes the structure, history, and impact of the genre of political film. It begins with a discussion of how one distinguishes a political film from other forms of cinema. It then proposes insights into the manner in which these films evoke a particular time and place in politics, affect the viewer's interpretation of a political event or figure, and have an effect upon a viewer's political perceptions or behavior. The student will also learn to review films critically, both as political statements and as effective (or ineffective) conveyors of political messages.

POL 307 Political Communication 3 Credits
The meaning and uses of political communication are examined, the manner and forms such communication takes, and the history of political discourse. Major topics include the role of communication in elections and the development of public policy, how political communication strategies have changed with the rise of mass media, and the development of national and international publics for discourse.

POL 308 Capitalism and Inequality 3 Credits
This class is about market economies: how they are theorized, how they operate, and how they affect the humans who live and work within them. The first part of this course offers an overview of major modern theorists of capitalism (with selections chosen for a political science audience), including Smith, Veblen, Schumpeter and Keynes. These thinkers have made influential contributions to debates about the proper role of government in regulating and shaping economic relations and conditions. We then turn to contemporary theories of distributive justice, including libertarianism and egalitarianism. The second half of the course explores realities of socioeconomic inequality, the experience of poverty in the U.S., as well as the kinds of policies which might alleviate or resolve various dimensions of inequality and poverty. This course prepares students to evaluate public policies and articulate policy positions while attending to their economic and human costs.

POL 310 Political Psychology and Human Nature 3 Credits
The 2016 presidential campaign season saw a marked increase in partisanship, polarization, animosity and resentment among Americans, mirroring a worldwide trend toward "tribalistic" group identification at the expense of outsiders. Why can't we all just get along? What makes it so hard to sympathize with those who seem different or unfamiliar, and so easy to assume the worst about them? This course will bring together classic political theory, psychology and the social sciences, in order to help explain political beliefs and behaviors. We will begin by considering how classic political theory has conceptualized human nature, and the various implications for political life. We will then consider scientific perspectives: evolutionary anthropology, social psychology and cognitive neuroscience. We will examine the role of bias in cognition and politics and we will critically interrogate assumptions about rationality. We will also see that different psychological dispositions underlay conservatism and liberalism. Ultimately, this course will consider how these features of human cognition shed light on partisanship and polarization, racial bias, and policy preferences, including popular reception of science concerning vital issues such as climate change and the safety of GMOs. We will conclude with considerations of how a better understanding of psychology might propel us toward a more productive political discourse.

POL 311 Borders and the State 3 Credits
Borders have a prominent place in politics and human history. In the twentieth century, the best- known barriers were the militarized Maginot Line and the Iron Curtain. Today, the political popularity of borders persists but the nature and quality of these borders and the threats they were created to repel have changed. Modern borders are designed not to keep militaries out, but to deter a perceived invasion of "undesirables"— with terrorists and unwanted immigrants leading the list of state concerns. Nowhere is this more evident than along the geographic fault lines dividing rich and poor regions, e.g. the Mediterranean Sea and the U.S.-Mexican border region. This course will examine the dynamic interactions between the question of how to govern borders and the twenty-first century liberal state with its diluted sovereignty— due to immigration, trade and international laws and regimes.

POL 312 Congressional Politics 3 Credits
An intensive analysis of the legislative process in the United States, considering both the internal organization and operation of Congress, and Congress' role in the broader American political system. Fundamental issues include the theory and practice of representation; the committee system, seniority and expertise; executive and legislative interaction; and the politics of congressional reform.

POL 313 American Presidency 3 Credits
A description and analysis of the American presidency: its historical development, the internal organization, and ecological context. Basic issues include the intent of the framers of the Constitution, the historical accumulation of presidential powers, and institutional limits on presidential power (e.g., Congress and the bureaucracy).

POL 314 Congressional Power and National Security Policy 3 Credits
The purpose of this course is for students to identify, examine, analyze, and interpret the role of Congress in shaping national security policy with a particular emphasis on the institution's role in the Global War on Terror. Particular attention is paid to the role of the US government being able to balance individual rights and liberties within the national security state. Last, the course also takes an in-depth analysis of the U.S. Congress, looking comparatively at how legislatures in other nations have dealt with crafting their own security policies. The course will address the following questions: First, what is the role of Congress in national security policy, what does it do, and why? Second, what are the various ways of studying the relationship between the legislative and executive branches of government in the US system as it relates to the Global War on Terror? Note: This course is cross-listed as HLS 314. Students may not get credit for both HLS 314 and POL 314.

POL 315 Global Issues 3 Credits
Military, economic, demographic, and environmental threats to global security in the post-Cold War era. Forces of transnational integration vs. forces of intrastate fragmentation. Inadequacy of international law and organization to deal with these problems within the confines of the sovereign nation-state system.

POL 316 Presidential Power and National Security Policy 3 Credits
This course examines the development of the National Security State since the Second World War, and the ways in which it has affected, and been affected by, the Federal Executive. Topics to be covered will include the post-World War II redefinition of "national security", the Cold War (with a special focus upon war powers during Korea and Vietnam) and the changes that have occurred with the "War on Terror." Note: This course is cross-listed as HLS 316. Students may not get credit for both POL 316 and HLS 316.

POL 317 Model United Nations 3 Credits
Model United Nations (POL 317) is the course that prepares Rider University's award-winning Model United Nations (MUN) team for the annual National MUN competition in New York City. The team has brought home top awards for the past decade and continuously strives for excellence. POL 317 is a student-led course that hones writing, public-speaking and researching skills of student-delegates and it represents student engagement at the highest level. Chosen through a rigorous selection process in the fall semester, the student-delegates write position papers during the winter break, and develop caucusing, team-working, and presentation skills in class during the spring semester. During the past five decades, Rider University's MUN team has represented more than 50 countries, and competed with thousands of delegates from national and international universities. It is one of the premier engaged learning and cohort-building institutions on campus.

POL 318 Conflict Resolution 3 Credits
How do you craft a peace deal in a war-ravaged environment? Can negotiations with rogue regimes succeed and prevent the onset of conflict? With massive casualties, and unspeakable human rights abuses, conflicts continue to present a challenge to people around the globe. In this course, we will explore the dynamics of conflict management designed to keep countries from waging violence against each other. Our focus is both on ending existing violent conflicts and on preventing escalation of tensions. We will explore the impact of mediators and external interventions by international organizations or individual countries on conflict management. We will also examine the role of the International Court of Justice in resolving disputes when direct negotiations fail to succeed. Finally, we will study existing peacebuilding efforts designed to improve relations among victims and killers in post-conflict environment. Insights from theory on commitment problems will help us understand why peace is more vulnerable in domestic than in international conflicts. Throughout the semester, we will rely on various case illustrations from international and domestic conflicts, and participate in a simulation activity that will allow us to assume the roles of negotiators in disputes.

POL 319 Terrorism, Revolutions and Political Violence 3 Credits
Revolutions are the mad inspiration of history. Trotsky's characterization calls attention to three important dimensions of violent political participation: the historical settings, ideology, and emotional fervor of the practitioners. The course focuses on these dimensions by analyzing revolutionary and terrorist movements in the 20th century. Special attention is given to the use of violence in the post-Cold War new world disorder.

POL 320 Politics of the Middle East 3 Credits
The course emphasizes the relationships between social and political structures, the role of religion, and the problems of modernization in the Middle East. Similarities and contrasts will be drawn between the Arab and non-Arab countries of the Middle East. The political systems of Egypt, Syria, Israel and Saudi Arabia are examined in terms of political culture, structure, and political processes.

POL 321 International Law 3 Credits
This course covers the basic doctrines of international law and their relationship to the contemporary international community. These include the jurisprudence of international law; the history of the international legal system; customary international law; Treaty law; sovereignty, statehood and recognition; jurisdiction and immunities; the role of international organizations; international criminal responsibility; and the relationship of the international legal system to the U.S. domestic legal system. The objectives of international law are to foster the peaceful settlement of disputes; facilitate transnational communication and commerce; encourage respect for human rights; as well as to preserve the environment.

POL 322 African Politics 3 Credits
Africa is in a process of transition, a continent of growing strategic importance to the U.S. and a land with considerable variation in political and economic success. The course is an introduction to the politics of sub-Saharan Africa. To understand the continent's current challenges, the course examines the legacies of colonial rule, including colonial mark on the politics of ethnicity; focuses on the rise of authoritarianism in Africa in the 1970s and 1980s; examines the success and failure of democratization that is transforming the continent today; embarks on the quest to understand the continent's struggle with poverty and debt. Lastly, the course explores some of the biggest obstacle to Africa's stability, including state collapse, wars, corruption, while contemplating the future that lies ahead.

POL 325 Public Administration 3 Credits
Public administration in modern society, emphasizing the administrative formulation of public policy and its implementation. Attention on who gets what, when, and how from the decisions of administrative units; the role administrators have in policy-making compared to elected legislators, chief executives and judges; the effect administrators have on the benefits citizens receive from government; and the effect administrators have on citizens' behavior. Note: This course is cross-listed as HLS 325. Students may not get credit for both HLS 325 and POL 325.

POL 326 Power in American Politics 3 Credits
Examines various explanations of who has power in American politics. Explores the roles of appointed and elected officials, business and interest groups, the media, and the general public in shaping public policy. Special attention to political change, including the impact of broad social movements on the responsiveness of the political system.

POL 327 Contemporary Issues in American Public Policy 3 Credits
An in-depth examination of current issues in American politics. Drunk driving, political corruption, drug policy, education, and poverty are among the issues to be considered. Emphasis on analyzing policy problems and on developing and evaluating proposed solutions.

POL 328 Environmental Politics 3 Credits
Environmental Politics examines how policymakers deal with the political challenges of unsustainable resource consumption, which is a primary determinant of environmental problems such as climate change, adverse health effects, and biodiversity loss. The course introduces students to environmental politics and policies at the local, state, national, and international levels. The course is designed to provide students with a framework for understanding how varied interests compete within political institutions in order to transform contending ideas into public policy. With that in mind, students will not only become more informed consumers of political information, but will also become more effective at analyzing and advocating for policies as it relates to the environment.

POL 329 Comparative Environmental Policy 3 Credits
Comparative Environmental Policy analyzes cross-national approaches in developing, implementing, and evaluating policy responses to environmental problems. The course analyzes the political factors, actors, and tools that help and explain why some societies have been more likely to develop effective responses to environmental threats.

POL 330 Geopolitics of Energy 3 Credits
Geopolitics of Energy Security explores the role of energy in shaping global politics, natural resource management practices and volatility in economic markets. The course begins with an overview of energy security and explores issues associated with energy production, national security, energy consumption, and environmental conservation. Throughout the course students will become familiar with basic data, trends, issues and options in the exploration and production of renewable and non-renewable energy sources.

POL 331 Political Corruptions 3 Credits
This course will introduce students to one of the central political issues in the USA as well as abroad: corruption. Whereas this was considered in earlier days as ' temporary malady' of third world systems, today it is considered a pervasive phenomenon in democratic systems as well . As such it acquired widespread scholarly as well as public attention in established democracies such as the USA (at least since the elections of 2016). The course will utilize a range of approaches to examine the meaning of corruption, the link between what the law defines as corruption and what is understood by the term by broad publics, the interaction between both conceptions and system legitimacy, and the methods by which corruption may be contained.

POL 335 Urban Politics 3 Credits
Political structure and administration of municipalities in the United States. Emphasis on challenges posed by suburbanization, global and regional shifts in business, economic dislocation, housing, mass transportation, race relations, and policing.

POL 340 Modern Democracy and Its Critics 3 Credits
The course examines the fundamental assumptions underlying modern democratic theories and the main theoretical attacks launched against them. Among the contending theories to be discussed are right and left-wing anarchism, the old and the new left, fascism, intellectual elitism, and techno-conservatism.

POL 342 Contemporary Political Theory: Freedom and Authority 3 Credits
Concepts of freedom and authority in 19th and 20th-century political theory. Emphasis on such important thinkers as Nietzsche, Freud, Sartre, Camus, and Marcuse.

POL 343 American Political Thought 3 Credits
The philosophical background and moral principles of American political society: liberty, equality, natural law and natural right; constitutionalism and nation-building. The development of the ideologies of liberalism, conservatism, and libertinism are also covered.

POL 345 Ancient Political Theory: Justice 3 Credits
The existence of society over time requires high degree of predictability and hence laws, whether explicit or implicit. These derive their capacity to regulate life from the widespread notion that they are proper and that they should be obeyed. In a word, they accord to our notions of justice. These, however, are not stable. Resting on the understandings of man, society, nature and the relations between them, they develop under the impact of human thought and changing realities. The result is what can be compared to a layered cake. This course treats some of the main contributions made by philosophers from Plato to Rawls to our concept of justice and the manner by which they have shaped our concepts of justice in the US and West in general. Cases in which courts (mainly the US Supreme Court) made use and applied the thinking of earlier philosophies of justice will illustrate the process by which we adjust the boundaries between legality and criminality and determine how we should behave towards each other.

POL 346 The Politics and Ethics of Emergencies 3 Credits
This course examines historic and present day cases, ranging across Europe and the US, in which liberal democratic governments, under stress because of subversion, sabotage, invasion, rebellion, or the effects of economically caused chaos, take on emergency powers to become so-called "states of exception." While in some cases such states have imposed mild and limited emergency measures, others have employed more draconian measures, suspending, if not dissolving, constitutionally guaranteed civil liberties, often for indeterminate and protracted periods. How various states have behaved in emergency situations will be the major content of this course. Note: This course is cross-listed as HLS 346. Students may not get credit for both HLS 346 and POL 346.

POL 350 U.S. Foreign Policy and Security Policy 3 Credits
Principles, institutions, and processes involved in the formulation and implementation of policies regarding the nation's military, economic, and environmental security within the global framework. Strands, trends, and problem areas in U.S. foreign policy, with focus on the changing global environment of the post-Cold World War. Note: This course is cross-listed as HLS 350. Students may get credit for only one.

POL 351 Critical Views of Global Security 3 Credits
This course will examine the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspective on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survial, to societal security, to unit level-variables such as Human Security. Note: This course is cross-listed as HLS 351. Students may not get credit for both HLS 351 and POL 351.

POL 361 Courts, Judges and Politics 3 Credits
In-depth examination of the nature of judicial decision-making and the impact that judicial decisions have on society. Considers the sources of judicial authority, judicial fact-finding, statutory and constitutional interpretation, individual and collective processes of judicial decision-making, relations between judges and other government officials, and the political consequences of judicial decisions with particular emphasis on federal courts and judges. Note: This course is cross-listed as HLS 361. Students may not get credit for both POL 361 and HLS 361.

POL 363 Human Rights in Global Context 3 Credits
Human rights – droits de l'homme, derechos humanos, Menschenrechte, "the rights of man" – are, literally, the rights that one has because one is human. What does it mean to have a right? How are being human and having rights related? This course provides an introduction to theory and global practice of human rights. Human rights claims play an increasingly central role in political and social struggles across the world. The adoption of the Universal Declaration of Human Rights in 1948 signaled a proliferation of international human rights law and transnational non-governmental activism. While the promotion of human rights has become global, adherence to those standards remains highly uneven and gross violations and atrocities continue to occur. Given the breath and complexity of the human rights movement, including its engagement with law, politics and morals, in radically different cultures, this course is by its very nature multidisciplinary. Note: This course is cross-listed as HLS 363. Students may not get credit for both HLS 363 and POL 363.

POL 365 Politics of the Developing World 3 Credits
Studies the major political issues of the so-called "developing" world. Particular reference to political systems of Africa, Asia, Latin America, and the Middle East according to the relevance of the examples to large conceptual issues, and according to the major interests of the instructor. Typical issues include neocolonial dependency, the role of the state in newly developed countries, military rule and democratization.

POL 367 Global Immigration 3 Credits
This course analyzes mass migrations and refugee movements and what they mean for the stability of nations, the increasing potential of severe culture clashes within societies, and the root causes of (forced) migration movements, such as problems of violence, terror and genocide, as recently seen in Darfur, Rwanda and Bosnia. In certain European countries the frequently failed integration and assimilation policies resulted in an Islamic alienation; terrorist attacks and race riots are some of the consequences. Particular attention will be given to the conflict between the refugees' and migrants' needs that result from violent, socio-economic or ecological catastrophes in the countries of origin and the various forms of reception within the host countries. Students will explore theoretical, political, legal, and socio-economic dimensions of the refugee and immigration phenomena in a global world. Other themes will include international human rights and refugee laws, theories of immigration, for example, the feminization of migration, as well as problems of acculturation, assimilation and integration in different host societies.

POL 368 International Organizations 3 Credits
This course introduces students to the study of international organizations. The course examines mostly formal and governmental institutions as well as informal institutions or regimes. Topics to be covered include and are not limited to: the establishment of international organizations, evolvement of international organizations, structure of international organizations, decision-making of international organizations and influence of international organizations. This course employs both theoretical and practical approaches in its examination of international organizations.

POL 371 The Arab-Israeli Conflict 3 Credits
The course will begin by introducing the main players: the neo-patrimonial Arab regimes on the one hand, and the democratic, economically modern Jewish sector in Palestine on the other. The analysis will focus on the impact of the social, economic, political and religious differences between the sides on their conception of the conflict among the participants and powers outside the region. The course will concurrently examine the impacts of the dynamics of the conflict itself, relations within Islam on the one hand and between Islam and the West on the other. The latter part of the course will consider the sources of perceptual shift that led simultaneously to the narrowing of the conflict with the withdrawal of some of its participants (most Arab states) and its widening with the addition of Al Queada and Iran (via Hezbullah).

POL 399 The Co-operative Experience 3-12 Credits
This course provides a significant work experience to support the professional development of the student and complement theoretical and classroom learning. Students will be assessed based on measures as defined in a placement contract mutually agreed upon by the sponsoring faulty member, the organization representative of the placement site, and the student. Approximately 360 hours of work will be required as students work typically four days per week over at least eight weeks. The proposed placement contract requires departmental approval and the approval of the appropriate office of the dean. It is expected that the Co-op program consume the student's academic load for the semester. Final placement will be determined by the organization where the student will work. Rider University does not guarantee that every student applying for a co-op will earn a co-op placement. Contact the appropriate department for additional information. IND 398 and (dept.) 399 combined cannot exceed 15 credits. Pass/fail. Prerequisite(s): junior standing and 2.75 GPA at the time of registration.
Corequisite(s): IND 398 The Co-operative Experience Seminar.

POL 450 Seminar in Political Science 3 Credits
A multidimensional framework within which to integrate the variety of perspectives and methodologies extant in the field of political science. Topics for discussion and analysis may range from broad concepts of political discourse such as power and interdependence to specific political issues such as executive-legislative relations and judicial policymaking.

POL 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

POL 491 Internship in Political Science 1-4 Credits
Students work under supervision in a public agency, political party, or public interest group. A minimum of 52 hours of fieldwork per credit required, with regular reports and a concluding critique analyzing and evaluating the experience. Primarily for seniors and qualified juniors. No more than six credits allowed toward graduation.
Prerequisite(s): permission of instructor.

POL 499 Senior Honors Thesis 3-6 Credits
Majors having completed the department's core requirements and having a minimum GPA of 3.5 in political science courses may apply for honors in their sixth semester. Applicants enroll in POL 490 Independent Research and Study in their seventh semester to develop and submit a thesis proposal to the department. With departmental approval, applicants prepare an honors thesis in their last semester. Upon acceptance of the thesis by the department, the student will be graduated with honors in political science.

Psychology (PSY)

Courses and Descriptions

PSY 100 Introduction to Psychology 3 Credits
This course covers major facts, principles and concepts about human and animal behavior and experience, research findings, major problems, basic vocabulary, methodologies, and contributions in the field. Topics include psychology as a science; human development; individual differences; intelligence and its measurement; special aptitudes and interests; personality and social behavior; motivation and emotion; frustration and personality deviations; and learning, thinking, remembering and forgetting.

PSY 102 Explorations in Psychology Honors 3 Credits
The course introduces the history of psychology, and demonstrates how the discipline is a science. It provides students with experience exploring the mind, behavior, and the relationship between the two, from multiple perspectives, including biological, behavioral, cognitive, developmental, humanistic, social, and abnormal. It tackles questions including (but not limited to) how different areas of the brain are involved in behavior and are affected by injury, how humans sense and perceive the world, how states of consciousness differ from one another, how humans learn, remember, communicate, and develop, what motivates humans to behave in particular ways, how social groups affect behavior and decision-making, and what happens when behavior and emotions deviate from what is typical.

PSY 105 Introduction to Research in Psychology 4 Credits
Students will be introduced to the basic research methods used in psychology including surveys, experiments, and observation. Students will collect data and learn to describe this data using basic tools of analysis including graphic display and statistical analysis. Students will read original psychological research and learn to write using the conventions of the American Psychological Association.
Prerequisite(s): a minimum grade of "C" in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 105L Introduction to Research Methods Lab 0 Credits
This lab is a co-requisite and must be taken concurrently with PSY 105.
Prerequisite(s) PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 110 Psychology:The Science of Well-being 3 Credits
This course uses theory and methods of psychology to examine the question: How to make a good life? Students will learn how psychology examines the ways that motivation, intellect, relationships, self-respect and a healthy lifestyle contribute to happiness, well-being, and flourishing. Students will learn how psychology examines human nature through observation and experimentation. Students will understand how psychology applies research to improve human well-being. Students will leave the course with a better understanding of themselves and their connection to others, and apply their self-knowledge to their personal goals and relationships. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 117 Psychology of Creativity 3 Credits
Is creativity reserved only for geniuses, or can ordinary individuals also be creative? Is it domain-specific or domain-general? How do we measure it? What is the connection between creativity and innovation? Can you and I become more creative, and if so, what factors influence creative thinking? This course surveys the modern theories of creativity and problem solving from a psychological perspective, and their applications to real-world challenges. Specific topics will focus on convergent and divergent thinking, the role of constraints, change, and motivation in creativity, social and personality factors, techniques such as brainstorming, design thinking, and creative problem solving, and innovation in organizations. You will apply what you have learned in hands-on activities that challenge you to propose creative solutions to real-world problems.

PSY 118 Psychology of Women 3 Credits
Examines the psychological development of women in our culture from birth to maturity, with an emphasis on the interaction of biological and social influences on personality, social behavior, and achievement of women. Investigates psychological sex differences in terms of current measurement approaches. Readings and text are drawn from psychological theory and research.

PSY 131 The Science of Mental Illness 3 Credits
The Science of Mental Illness explores the biological bases of mental health and mental illness, focusing on anxiety, mood disorders, schizophrenia, and Alzheimer's Disease. Students will examine the neural networks of these conditions, common psychiatric medications for treating them, studies of the long-term efficacy and effects of using psychiatric medications, and the psychological and biological capacities for improving mental health. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

PSY 201 Statistics and Research Design 3 Credits
Introduces students to statistics and research methods in the behavioral sciences. Covers the fundamentals of descriptive and inferential statistics, a variety of issues in research design, selected research designs including the case study, correlational and experimental designs. In addition, students will explore the literature in psychology in order to examine the use of statistics and research design in real research problems.
Prerequisite(s): grade of “C” in PSY 105.

PSY 210 Organizational Psychology 3 Credits
Focuses on issues related to human behavior in work settings. Topics include personnel issues such as hiring and promotion decisions, performance appraisals, and methods of on-the-job training. Issues of job satisfaction, motivation, productivity, and effective leadership styles are also examined. Finally, organizational structure as it relates to communication within organizations will be examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 212 Introduction to Applied Behavior Analysis 3 Credits
Presents a review of classical and operant conditioning, data collection and research design, data analysis and interpretation. In addition, assessment and treatment strategies in a variety of settings, contingency management in institution, classroom and home, systematic self-desensitization, and ethical consideration are discussed.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 215 Personality 3 Credits
A synthesis of the most recent research in the field of personality development. Topics include interplay of biological, cultural, and subjective personal processes; analysis of the broad trends in personality theories; and introduction to personality measurement.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 220 Abnormal Psychology 3 Credits
The development of abnormal personalities is discussed, with a survey of the various types of mental abnormalities, including their symptoms, diagnoses, and treatments. Neuroses and psychoses are emphasized.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 225 Learning Theory 3 Credits
This course provides students with a broad coverage of the fields of learning, memory, and cognition, while addressing their relevance and impact on human behavior. Various psychological perspectives used to understand learning, such as associationist, selectionist, and cognitivist, will be discussed, compared, and contrasted. Topics range from classical and operant conditioning to memory, concept learning, thinking, and problem solving.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 226 Cognitive Psychology 3 Credits
The study of the mind has been the focus of psychology since its inception in the 19th century. Today, the majority of psychological research focuses on the cognitive system and its biological basis. This course will provide an overview of knowledge regarding the components of the human cognitive system (e.g., attention, memory, executive processes) and how they form the basis for higher-order cognitive skills (e.g., language and decision making). The course will provide a history of the field and the methodologies that have been and are currently being used to study the human mind. Each section of the course will include an overview of basic and applied research to demonstrate how knowledge of the cognitive system can be used to enhance human functioning in applied settings and better understand human limitations and tendencies to commit certain types of errors.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 230 Child Development 3 Credits
Presents theory and research on the social, emotional and cognitive development of children birth to age 12.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 231 Youth and Adolescent Development 3 Credits
Presents theories, research and problems concerning development in youth and adolescence.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 237 Cognitive Disabilities 3 Credits
Investigates various types of intellectual differences, focusing on etiology, methods of diagnosis, programs and services available to individuals and families. Considers problems relating to adjustment in academic, social, and vocational areas.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 238 Sensation and Perception 3 Credits
The facts and theories of sensation and perception, their role in the total psychology of the individual, and current application are examined.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 240 Social Psychology 3 Credits
Deals with the scientific study of human beings in social situations, focusing on reciprocal influence of the individual and the group, especially aspects of behavior that are socially determined. The nature of attitudes: their development and change; the nature of social influence; interpersonal perception and attraction; dynamics of social behavior; and social phenomena, such as prejudice and social movements, are covered.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 245 Stress, Health and Coping 3 Credits
This course will examine physical and psychological effects of stress including a discussion of the nervous system, and the various models of the stress/illness relationship such as General Adaptation, Cognitive Appraisal and Diathesis-Stress. Various ways of coping with/responding to stress will be considered along with the influence of personality and sociodemographic factors on differences in both the experience of stress and on coping mechanisms will be considered. Finally, this course will consider issues in the measurement of stress and coping as well as some of the noteworthy findings and methodological aspects of stress research.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 250 Psychology of Aging 3 Credits
This survey course focuses on basic psychological issues in the aging process and in the elderly. It examines myths and stereotypes about aging and the elderly by way of research evidence pertaining to physical, psychological, and social changes accompanying aging.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 255 Biopsychology 3 Credits
Basic biological structures and processes underlying behavior, including general neuroanatomy and neurophysiology; sensory physiology; structure and function of the motor systems; physiology of emotions, motivation, learning, memory; brain dysfunction; psychoactive drugs.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 283 Sport Psychology 3 Credits
This survey course will focus on the social and psychological factors related to performance and participation in sport and exercise, health, and injury rehabilitation settings. Two general questions will be explored: (a) how do social and psychological variables influence performance and participation in physical activity pursuits? And (b) how does physical activity participation affect the psychological well-being of the individual? To better understand these questions, this course will overview theoretical and methodological approaches to a variety of sport and exercise psychology topics, including: socialization, motivation, group processes, competition, and performance enhancement. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 292 Professional Development in Psychology 3 Credits
This course is designed to help students understand the connections between the required curriculum in psychology and their professional and post-graduation goals. Through this required course all psychology majors will have the opportunity to recognize and use the many applications of psychology to their plans for career development and employment. Students will articulate individual goals beyond graduation, understand the individual characteristics that predict success in the work environment, recognize and apply selected research in psychology to their goals and the world of employment. The course will better prepare students to articulate post-graduation goals early in their education, and apply those goals to the following years of their education. PSY major/minor students only.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131.

PSY 295 Directed Study in Psychology 1-4 Credits
Provides an opportunity for students to obtain research experiences in psychology. Consists of a combination of project meetings, assigned readings and supervised research. Each student will work with a selected faculty member on a topic of mutual interest. Projects may include learning some components of research methods and applying these techniques to the collection and analysis of data. Provides focused reading and discussion as it relates to each student's research topic.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131 or permission of instructor and chair.

PSY 299 Field Placement in Applied Behavior Analysis 1 Credits
The practicum provides hands-on experience using the tools of applied behavior analysis in a field setting. Provides supervised field placement experience in an approved institution or agency in order for students to gain knowledge in applications of applied behavior analysis. Placement is made in various community institutions and agencies that offer services to diverse populations.
Prerequisite(s): PSY 100, PSY 102, PSY 110 or PSY 131, and PSY 212.

PSY 302 Research Methods: Cognition 4 Credits
Provides students with an in-depth coverage of the expanding field of cognition and memory. Addresses issues and research within the field. Emphasis is on current views of human memory. Students learn how to design and conduct their own experiments from the topic areas of information processing, psycholinguistics, problem solving, learning and memory, social cognition, and cognitive neuroscience. Laboratory skills include programming computers, developing multimedia stimuli, recording psycho- physiological data, and composing an APA-format research report in a network-based writing lab. Prerequisite(s): (PSY 100 or PSY102 or PSY110 or PSY131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 302L.

PSY 302L Research Methods: Cognition Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisite(s): PSY 302.

PSY 303 Research Methods: Social Psychology 4 Credits
Covers research methodology within the context of social psychology (i.e., topics include altruism, aggression, attraction and social perception). Both experimental and descriptive methodologies will be covered. Students learn about various aspects of the research process (e.g., design and execution of a social psychological study, analyzing and interpreting the results). Students also learn to integrate their research findings to produce an APA-style paper. Students use computer-based word processing and statistical analysis packages to achieve these goals. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 303L.

PSY 303L Research Methods: Social Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisites(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201.
Corequisites: PSY 303.

PSY 305 Theories of Psychotherapy 3 Credits
An exploration of the history and theory of the psychoanalytic, behavioral, and humanistic approaches to psychotherapy. Comparisons and contrasts between these therapeutic modalities are discussed, as well as the theory underlying specific therapeutic techniques such as dynamic interpretations, dream analysis, the analysis of resistance and transference, counter-conditioning, modeling, and cognitive restructuring. Class exercises in addition to transcripts and tape recordings from therapy sessions are used to illustrate the various therapeutic approaches.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY131) and 45 credits.

PSY 306 Research Methods: Sensation & Perception 4 Credits
Provides instruction in research design, research methods, and integration of data analysis and methodology within the content framework of sensation and perception. All the general psychology research methods are taught. Special emphasis is given to the study of human vision and audition. Students design, conduct, and report laboratory research in the areas of sensation and perception. The computer-based components of the laboratory include lessons on interactive software instrumentation for research, and network-based technical writing using APA format. Projects are conducted during the term. Each student uses a dedicated networked Macintosh computer to: a) develop and generate research stimuli and procedures, b) analyze and report research data, and c) write formal research reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201
Corequisite(s): PSY 306L.

PSY 306L Sensation & Perception Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 306.

PSY 310 Introductory Counseling Skills 3 Credits
This course examines theory and research related to the therapy process and outcome. Students will practice foundational counseling skills with one another within a culturally-sensitive framework, including active listing, reflections of feelings, open questions, interpretations, self-disclosures, and challenges. Through experiential learning activities, students will develop a working knowledge of when and how to implement counseling skills. Students should be willing to talk about personal issues in this class.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 315 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 320 History of Psychology 3 Credits
Provides coverage of systems and schools of psychology: great psychologists, their contributions, and later influence in psychology. Current psychological problems are also discussed.
Prerequisites: (PSY100 or PSY102 or PSY110 or PSY131) and 45 credits.

PSY 324 Play and Imagination 3 Credits
This course surveys two of the most important manifestations of children's imagination: pretend play and imaginary companions. It will discuss the evolution of play, the purpose of play, the role of play in the development of creativity, and individual differences in play (e.g., among children of different gender, cultures, and ability levels). Finally, it will discuss the application of play to therapeutic methods for children.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 325 Cognitive Development 3 Credits
Compares and analyzes the major theories of cognitive development: Piaget, Information Processing, Vygotsky, Gardner, and Sternberg. The course describes cognitive growth from infancy to adulthood. Particular topics will include: concept formation, language acquisition, memory reading and writing, mathematical skills and sociocultural skills. Also of interest will be the use of cognitive theory in education, and understanding variations from the typical pattern of cognitive development as in mental retardation and prodigies.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 329 Research Methods in Organizational Psychology 4 Credits
This course covers general area of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 329L Research Methods in Organizational Psychology 0 Credits
This course covers the general areas of research methods such as experimental and non-experimental methods, measurement, statistics, and preparation of reports for presentation and publication. In addition, research topics common in the area of organizational psychology such as worker motivation, job satisfaction, stress and burnout, communications in the workplace, productivity, decision-making, leadership style, and organizational structure will also be discussed. Students gain hands-on experience conducting empirical research.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201 or MSD 205.

PSY 330 Developmental Disabilities 3 Credits
Introduces students to the genetic, biological, sensory-motor, cognitive, and social-emotional foundations of developmental disabilities. Selected syndromes will be reviewed in-depth, as will treatments and intervention at the individual and family levels.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 333 Autism Spectrum Disorder 3 Credits
Provides students with a general understanding of the etiology, neurocognitive underpinnings, and general characteristics of the autism spectrum disorders. The course will examine the history of the study of these disorders, the main problems associated with these conditions, and will explore psycho-educational treatment alternatives.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 45 credits.

PSY 334 Disabilities Across Cultures 3 Credits
The course is designed around the question of how a culture defines the concept of "Disabilities", how societies perceive individuals with disabilities, and how historical, social and political circumstances might shape an individual's understanding of diversity. The course encourages critical thinking and a comparative analysis of cultural differences and psychological practices. Key challenges associated with diagnosis, intervention and integration of individuals with disabilities across the globe will be discussed. This course fulfills the College of Liberal Arts and Sciences Essential Competencies Requirement: Global Perspectives.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 335 Research Methods: Human Cognitive Neuroscience 4 Credits
Covers the interdisciplinary study of the nervous system integrating neurobiology, physiology, pharmacology, and psychology as explanations for both normal and pathological human behavior. Topics integrate molecular levels of analysis, such as neuron structure and function, neurotransmitters, action potentials, and receptors, with molar levels, such as sensory and hormonal processes, learning and memory, emotions, drug use, and biological rhythms. Introduces research techniques used to study the function of the nervous system and the neural bases of behavior in humans. Neuroanatomical, electrophysiological, pharmacological, and neuropsychological assessment techniques may be explored as part of laboratory or field research projects designed in collaboration with the instructor. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of “C” in PSY 201
Corequisite(s): PSY 335L.

PSY 335L Research Methods: Human Cognitive Neuroscience Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 335.

PSY 336 Research Methods: Animal Learning & Behavior 4 Credits
Provides a comprehensive overview of the acquisition and modification of the behavior of animals, especially on laboratory strains of rodents and pigeons. Core topics include respondent and operant conditioning, animal cognition, observational learning, animal safety and welfare, single-subject and between-groups approaches to methodology, and the statistical analysis of the results of studies of behavior. The laboratory component of the course provides a comprehensive overview of animal handling and maintenance, animal welfare, and the recording of experimental results. Two substantial projects are undertaken; demonstration of a conditioned taste aversion and its effect upon the acquisition and extinction of an operant (bar press) response and subsequent discrimination and reversal learning. Results of both projects are written into APA-formatted reports. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 336L.

PSY 336L Animal Learning and Behavior Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy100 or Psy102 or Psy110 or Psy131) and 30 credits and a minimum grade of "C" in Psy201
Corequisite(s): PSY 336.

PSY 339 Research Methods in Applied Behavior Analysis 4 Credits
This upper-level laboratory course will provide students with an in-depth study of the principles and applications of Applied Behavior Analysis. Students will examine behavioral principles, ethical considerations, and real-life applications of ABA. Each student will design and implement a self-management plan to alter the behavior of their choosing. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and PSY 212 and a minimum grade of "C" in PSY 201 .
Corequisite(s): PSY 339L.

PSY 339L Research Methods in ABA Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and Psy212 and a minimum grade of "C" PSY 201.
Corequisite(s): PSY 339.

PSY 340 Research Methods: Group Dynamics 4 Credits
Focuses on selected issues pertaining to group dynamics. Emphasizes an understanding of the personality and social factors that influence the functioning of unstructured and task-oriented groups. Students participate in a task group for the purpose of conducting a comprehensive research project on selected issues in group dynamics and the psychology of groups. The task group prepares an APA-style paper describing their research as well as an in-class presentation. Each student also submits a midterm and final written analysis of the interactional processes and development of the task group. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340L.

PSY 340L Group Dynamics Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 340.

PSY 345 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 349 Research Methods - Health Psychology 4 Credits
This course examines the methods used by health psychologists to study the relationships between behavior, health, and illness, including the standard methodologies of description, observation, correlation, quasi-experimental and experimental, as well as some of the methods within the field of epidemiology including cohort, case-control, and cross-sectional studies. Students will design and conduct an empirical investigation on a health and illness-related research question. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisites: PSY 349L.

PSY 349L Research Methods in Health Psychology Lab 0 Credits
This is the lab accompanying PSY 349. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisites: PSY 349.

PSY 350 Research Methods: Developmental Psychology 4 Credits
Focuses on one or more research areas in cognitive, personality, or social development. Includes an overview of major theoretical approaches to age-related change. Students review original research on selected aspects of behavioral change. The laboratory component of the course presents an overview of developmental research designs and methods focusing on the measurement of age-related changes in psychological functioning. Students conduct field research projects designed in collaboration with the instructor and prepare an APA-style research report. Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350L.

PSY 350L Developmental Psychology Lab 0 Credits
This lab is a co-requisite and must be taken with the corresponding course. Prerequisite(s): (Psy 100 or PSY 102 or PSY 110 or PSY 131) and 30 credits and a minimum grade of "C" in PSY 201.
Corequisite(s): PSY 350.

PSY 360 Psychology of Peace & Conflict 3 Credits
This course examines issues related to peace, conflict, violence, and conflict resolution. Theories and strategies that suggest ways of reducing and eliminating conflict are discussed. Psychological and social causes and consequences of violence and nonviolence are considered.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 367 Creativity and Innovation 3 Credits
What is creativity, and how do we measure, study, and enhance it? This course will survey the modern theories of creativity from a psychological perspective, with an emphasis on the processes that underlie creative thinking and the variables that influence creative idea generation. Specific topics will include: convergent and divergent thinking, the role of the unconscious in creative ideation, flow and mindfulness, individual and group creativity, techniques such as brainstorming and creative problem solving, the neuroscience of creativity, the role of motivation, and creativity and innovation in organizations. Discussions of theoretical findings will be complemented by in-class activities and assignments that highlight applications to day-to-day living and to larger-scale challenges that require creativity and innovation.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 372 States of Consciousness 3 Credits
This course explores the variety of states that comprise normal and altered consciousness. It highlights how these states are determined by complex interactions between conscious and unconscious mental functions. Key psychological concepts are applied in an investigation of various states of consciousness, especially meditative states and dreams. The course examines both the psychopathological aspects of altered states, as well as their potential beneficial effects on creativity and the development of the self.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 373 Cyberpsychology 3 Credits
Cyberpsychology is the study of how emerging computer technologies, especially social media, affect the way people think, feel, and behave both online and in the face-to-face world. This course explores a wide range of topics concerning this rapidly developing field of psychology, including how individuals, interpersonal relationships, and groups function in cyberspace with both positive and negative consequences for mental health. It emphasizes an understanding of the basic concepts of cyberpsychology along with the implications of this knowledge for improving wellbeing in the digital age.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 374 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 375 Psychology and Film 3 Credits
Attitudes, perceptions and memories are shaped by motion pictures. Filmmakers create enduring images by using cinematic techniques to portray social and interpersonal themes. This course will examine various cinematic techniques as well as how film portrays interpersonal relations, gender roles, race relations, mental illness, The Holocaust, and other genocides.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 377 Developmental Psychopathology 3 Credits
This course provides an in-depth view of developmental psychopathology as an applied and prevention science. Developmental psychopathology is concerned with the emergence and continuity or discontinuity of psychopathology, or maladaptive behaviors, across the lifespan. An emphasis is placed on exploring individual, environmental, social, and especially cultural influences in explaining normal and abnormal behavior.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY131) and 45 credits.

PSY 379 Psychology and Law 3 Credits
Introduces students to a study of selected topics in psychology and law. Topics include eyewitness testimony, jury selection, and decision-making.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 381 Psychology of Gender 3 Credits
This course examines the meaning of sex and gender in modern society. The course readings and discussion will review and analyze the influence of gender on human behavior and emotions. The course will examine the significance of gender in shaping experience. Topics will include: gender differences in behavior, gender role development, gender and sexual identity, gender and social roles, cross-cultural perspectives on gender and transcending gender.
Prerequisite(s): PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 383 Psychology and Culture 3 Credits
Students enrolled in this course will critically examine the intersection of culture and psychology. Topics covered include cultural influences on: identity, the perceptions and manifestations of mental illness, and treatment-seeking.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 384 Positive Psychology 3 Credits
Historically, the field of psychology has placed great attention on the question of, "What is wrong with people and how do we fix it?" This course will focus on the question of, "What is right with people and how can we build on that?" We will explore this by examining empirical research centered on the nature of happiness and psychological well-being. Positive psychology is the rigorous study of what is right and positive about people and institutions. Positive psychologists call for as much focus on strength as on weakness, as much attention on positive emotions as negative emotions, as much interest in building the best things in life as in repairing the worst, and as much attention to promoting the fulfillment of lives of healthy people as to healing the wounds of the distressed. This course will first present an introduction to the core assumptions and research findings associated with human strengths and positive emotions, then move on to explore interventions and applications informed by this perspective in counseling and psychotherapy, as well as in domains personally relevant to the lives of students such as school, work, family and other close relationships. PSY 384 is cross-listed with PSY 584.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 385 Death, Dying and Suicide 3 Credits
Everything that is alive eventually dies, thus death is a part of life. Understanding death can help us to understand and experience life more fully, and it can help us to make appropriate, compassionate responses to death and dying. Class members will examine difficult and controversial psychosocial issues related to dying and death, death perceptions from childhood through older adulthood, religious and death attitudes, the dying process, living with dying, dying in the American health care system, euthanasia and biomedical issues, pain management, suicide, cross-cultural perspectives on dying and death, the business of dying, the legal aspects of dying, and the bereavement process.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 386 Introduction to Child Life: Working with Children and Families in Healthcare Settings 3 Credits
The course provides the student with an introduction to the practice of Child Life in healthcare settings, serving as an educational foundation for those interested in pursuing a Child Life internship or other career working with children and families in a healthcare setting. Child Life programs seek to promote optimum development of children, adolescents, and families within a healthcare setting by helping to maintain normal living patterns and minimizing psychological trauma. Various theoretical positions related to the field (including but not limited to child development, play, stress, illness, trauma, and bereavement) will be described and their implications discussed. Classroom activities and assignments will help to develop relevant clinical skills including therapeutic play techniques, procedural preparation and support, coping strategies, child assessment, promoting advocacy/family-centered care, and health education. Official documents created by the Child Life Council, the certifying body for the field, will be reviewed, in addition to other seminal Child Life publications. The necessity for evidence-based practice will be discussed and relevant empirical studies will be presented (including those conducted in analogous academic fields such as developmental pediatrics and behavioral medicine).
Prerequisite: PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 388 Learning and the Experimental Analysis of Behavior 3 Credits
Students will review principles of behavior covered in PSY 212 Intro to ABA (or PSY 225 Learning Theory) and move into more complex concepts and principles of behavior analysis including respondent behavior, respondent conditioning, motivating operations, schedules of reinforcement, and verbal operants. Students will also learn elements of behavior change and specific behavior-change procedures including verbal behavior training, discrete trial training, interventions based on motivating operations and discriminative stimuli, and stimulus equivalence procedures.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 389 Professional Issues in ABA 3 Credits
This course will provide students interested in working in the field of applied behavior analysis at the bachelor's level content based on the task list of the Behavior Analyst Certification Board (BACB) The course covers ethical and professional considerations relevant to the profession of applied behavior analysis as well as ethical and disciplinary standards of the profession. In addition, the course covers behavioral assessment and intervention, competency-based training, and evaluating the effectiveness of behavioral programs. Students will also have the opportunity to read seminal and current research literature on the topics.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 395 Special Topics in Psychology 3 Credits
This course examines contemporary issues in psychology, with the particular topic varying each time it is offered. New directions in the field and/or current controversies will be the focus. Past offerings include Positive Psychology, Creativity, and Brain Games.
Prerequisite(s):)PSY 100 or PSY 102 or PSY 110 or PSY 131) and 45 credits.

PSY 400 Senior Seminar 3 Credits
This capstone course will provide a synthesis and evaluation of important critical issues in psychology, such as the role of modern psychology in solving social problems, the scientific vs. human services perspectives on behavior, emotion, and cognition; and the nature of mental illness and well-being. Students will be expected to draw broadly from their education in psychology; to grapple with conflicting points of view; and produce professional-quality writing, oral or multimedia presentations.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and 75 credits.

PSY 450 Advanced Research Methods in Clinical Psychology 4 Credits
This advanced research methods lecture and lab provides a capstone experience in measurement, assessment, research methods, and data analysis within clinical psychology. The focus of the course will be on using research tools to answer practical questions about psychopathology (e.g., what is an extreme score on a depression scale?) and treatment effectiveness (are there improvements in anxiety scores based on participation in a program?). Content will also emphasize the importance of recruiting diverse samples and assessment of individuals of diverse cultural and social backgrounds. Regarding research methods, students will examine various research designs and how design decisions impact data analysis and interpretation. Students will work in teams to conduct a study in which they apply their learning to develop a series of hypotheses, collect and analyze data, and ultimately present their findings in APA format. This course is designed to build on students' understanding of research methods in prior courses and can help prepare students for graduate school with a counseling, clinical, or social work focus.
Prerequisites: PSY 201 with a minimum grade of B, PSY 3xx/3xxL with a minimum grade of B, and Earned Credits: 75.

PSY 450L Advanced Research Methods in Clinical Psychology Lab 0 Credits
This course is a co-requisite for the corresponding course.
Prerequisite(s): PSY 201 with a minimum grade of B, PSY 3xx/3xxL with a minimum grade of B, and Earned Credits: 75.

PSY 490 Independent Study: Research and Creative Expression 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. All students must have approval from the department and the dean to register for PSY 490.
Prerequisite(s): (PSY 100 or PSY 102 or PSY 110 or PSY 131) and PSY 201 and 75 credits.

PSY 491 Internship in Psychology 1-4 Credits
Provides supervised work experience in an approved institution or agency in order for students to gain knowledge in applications of psychology. Placement is made in various community institutions and agencies that offer services to both exceptional and normal individuals. Prerequisite(s): senior psychology majors or minors.
Prerequisite(s): (PSY 100 or PSY 102 or PSY110 or PSY 131) and 75 credits.

Religion & Philosophy (RP)

RP 265 Lit of New Testament 3 Credits
An introduction to the thought of the early Christian church as expressed in the New Testament, this course will emphasize a literary and historical reading of the Gospels and Epistles. It will introduce students to the Jewish and Greco-Roman religious, political and cultural worlds in which Jesus and his disciples lived and within which earliest Christianity arose.

RP 268 Hebrew Bible & Old Testament 3 Credits
This course introduces students to the writings of the Hebrew Bible/ Old Testament within their historical and literary contexts. By critically reading these books, students will become aware of the history, culture and religion of ancient Israel - all of which contributed to the traditions of Judaism and Christianity.

Sacred Music (SM)

SM 121 Survey of Sacred Music Lit 3 Credits
Broad survey of Christian music. Through standard repertoire, major historical genres of sacred music are explored from biblical roots in the Old and New Testament to the postmodern expressions of our time.

SM 122 Worship and Theology 3 Credits
A study of the content, theology, and history of the Old and New Testament narratives that the church recounts and celebrates in its liturgical year.

SM 142 Intro to Music Ministry 2 Credits
An introduction to the vocational needs, professional relationships, administration styles and teaching roles of the church musician. In addition to an overview of professional standards, emphasis will also be placed on music engraving skills, budgeting, recruitment, endowments and fundraising.

SM 158 Intro Handbell Leadership 1 Credits
A hands-on course providing a strong foundation for the beginning director/ringer. It will include information about ringing instruments, maintenance, ringing and damping techniques, articulations, part assignments, a survey of handbell literature, and rehearsal planning and directing.

SM 250 Contemporary Worship 2 Credits
This course is an exploration of the various forms of worship being practiced in urban churches across America. Practical and skill-based, it is designed to allow the student to explore praise and worship music, different styles of gospel, and other forms of music used in non-traditional worship.

SM 340 Church Field Education 1 Credits
A practical program in which students take responsibility for the music program of an assigned affiliate church. Under supervision, students exercise the skills and concepts learned in the classroom. Enrolled students also meet in a weekly preceptorial. Sacred Music majors must take two consecutive semesters, normally in the junior year.
Prerequisite(s): SM 121, SM 122.

SM 354 Hymnody & Psalmody 3 Credits
A study of the origins and development of Christian song. The first part of the course deals with the nature of the Psalms in their Biblical setting and their use in the worship of different traditions. The second part of the course deals with the history of congregational hymnody - texts, tunes, styles and functions - from the 16th century to the present. The course aims to develop an awareness of the textual and musical treasures available for both congregational and choral use.

SM 360 History of American CM 3 Credits
A broad survey of American church music beginning with colonial psalm-singing and continuing through four centuries of musical development leading up to and including the vast panorama musical practices found in post-modern Christianity. A special emphasis will be placed on the development and influence of African-American church music on contemporary musical practices. Prerequsite(s): SM 121.

SM 365 Sacred Sounds 2 Credits
A study of the origins and development of Christian song. The first section of the course deals with the nature of the psalms and their use in the worship of different traditions. The second section of the course will be a survey of congregational hymnody – texts, tunes, styles and functions – from the 16th century to the present. The course aims to develop a context for the discussion congregational song as it might be practiced in the 21st century, the final part of the class.

SM 410 African Amer Choral Lit 3 Credits
This course is designed to give students a better understanding of the choral literature, historical context and text analysis of African American composers.

SM 454 German Church Music 3 Credits
A study of church choral literature by German composers from the 16th century to the present focusing on the pre-Bach and post-Bach cantata. Class performances of selected works. Complements SM 455. Offered in rotation with other Sacred Music electives.

SM 455 Bach Cantatas 3 Credits
A study of the history, performance practices, and liturgical setting of the cantatas of J.S. Bach. Class performances of selected cantatas. Complements SM 454. Offered in rotation with other Sacred Music electives.

SM 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 is required.
Prerequisite(s): junior or senior standing.

SM 491 SM Internship 1 Credits
A practical program in which students take responsibility for the music program of a local church or work as an intern in an assigned affiliate church. Under faculty supervision, students exercise the skills and concepts learned in the classroom. Enrolled students also meet in a weekly preceptorial. Sacred music majors must take two consecutive semesters, normally in the junior year.
Prerequisite(s): CR 215.

Secondary Education (SED)

Courses and Descriptions

SED 370 Teaching in the High School 3 Credits
This field-based course focuses on general pedagogy in grades nine through 12. Emphasis will be on generic teaching approaches, planning lessons and developing units of study, learning styles, issues and techniques of evaluation, and multiculturalism. Working in local high schools, students continue observing and begin teaching lessons in their subject area specialization. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 400 Teaching English Language Arts in the Secondary School 3 Credits
Students preparing to teach English in middle schools and senior high schools explore strategies for the imaginative teaching of literature, poetry, drama, grammar, composing processes, vocabulary, and oral language use. Students research, develop, and critique thematic units, analyze curriculum, and study the selection, development, and use of a wide variety of teaching materials. Traditional and alternative methods of assessment are explored. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 405 Teaching Social Studies in Secondary Schools 3 Credits
The theoretical foundations of teaching social studies in junior and senior high schools. Basic goals and aims of social studies instruction are studied, and specific methodological techniques are described and practiced. Demonstration lessons are prepared and presented. Considers typical problems with which teachers are confronted. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 410 Teaching Science in Secondary Schools 3 Credits
Classroom interaction analysis systems are utilized in the study of the teaching-learning process. Students develop their own repertoire of teaching strategies. Emphasis on the investigation and interpretation of recent curriculum developments, and the use of the laboratory in science instruction. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 415 Teaching Mathematics in Secondary Schools 3 Credits
The critical analysis of the aims of teaching mathematics in the secondary school; review of recent research in the content and teaching of mathematics by individuals and groups; demonstration lessons (reflective teaching) to illustrate techniques of teaching; the planning of lessons; selection and organization of materials and subject matter; and evaluation of lesson presentation. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 431 Content Area Reading and Writing 3 Credits
Explores theoretical and methodological issues concerned with teaching reading and writing within content area classes. Students analyze junior high and high school textbooks and other reading materials, study methods of adjusting instruction to varying reading and writing needs of students, prepare directed reading activities in their specific content areas, and use informal diagnostic reading tools. Included is the preparation of content area writing assignments and the evaluation of student writing as well as the teaching of study skills? Emphasis throughout is on the integration of reading and writing into secondary school subject classes. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

SED 490 Independent Research and Study 1-6 Credits
The outline for study must be accepted by the professor and approved by the department. The semester hours credit to be assigned is determined by the department.

Seminars or Workshops (NCT)

Courses and Descriptions

NCT 010 Freshman Seminar 0 Credits

NCT 011 Freshman Seminar II 0 Credits

NCT 012 Navigating Rider 0 Credits

NCT 020 Sophomore Series 0 Credits

NCT 021 Sophomore Series, II 0 Credits

NCT 022 Success Strategies 0 Credits

NCT 023 Success Strategies Science 0 Credits

NCT 085 Writing and Rhetoric Workshop 0 Credits

NCT 086 Writing and Research Workshop 0 Credits

NCT 087 Mngrial Uses of Accounting Lab 0 Credits

NCT 088 Intro to Quant Methods for BUS Lab 0 Credits
SI session for MSD 104 Intro to Quantitative Methods.

NCT 089 Quant Methods/BUS Lab 0 Credits
SI session for MSD 105 Quantitative Methods for Business.

NCT 091 Macroeconomics Lab 0 Credits

NCT 092 Theories & Concepts I Lab 0 Credits

NCT 093 Intro to Financial Accntng Lab 0 Credits

NCT 094 Math Workshop 0 Credits

NCT 095 Intro to Music Theory & Vocal 0 Credits

NCT 096 Strat for College Success 0 Credits

NCT 097 Intermediate Algebra Workshop 0 Credits
MTH 100 Workshop.

NCT 098 Finite Math Workshop 0 Credits
Math workshop.

NCT 099 Strategic Learning Workshop 0 Credits

NCT 101 Algebra Workshop I 0 Credits

NCT 102 Algebra Workshop II 0 Credits

NCT 493 Non-Credit Bearing Intern LAS 0 Credits

Social & Physical Science (SP)

SP 171 Western Civ I 3 Credits
This survey history course presents a cohesive picture of the development of Western societies from prehistoric times to the early Renaissance. Social, political and economic aspects are covered; intellectual and cultural developments are emphasized. Familiarity with primary sources and critical reading are integral to the course.

SP 172 Western Civ II 3 Credits
Continuation of SP171. This survey history course covers developments in Western societies from the Renaissance to the present. Major intellectual and cultural trends and movements are presented, along with historical progress and socio-economic expansion.

SP 273 Developmental Psychology 3 Credits
The physical and psychological growth of the individual from infancy through adolescence is studied, with emphasis on cognitive, emotional, and social processes.
Prerequisite(s): SP 175.

SP 274 Educational Psychology 3 Credits
The psychological foundations of education, based on the findings of experimental research in learning, transfer, motivation, reinforcement, and behavioral modification.
Prerequisite(s): PSY 100.

SP 286 Life in Middle Ages 3 Credits
A seminar in which the life styles of medieval Europeans are studied. Students will develop an understanding of particular social organizations and problems of the period by examining the conditions and events of everyday medieval life. Offered in rotation with other History courses.

SP 408 Voice Science 3 Credits
Study of the physics and physiology of voice production. Musical and vocal acoustics are explored using the facilities of the Westminster Voice Laboratory. Anatomic and physiologic underpinnings of respiration, phonation, articulation, registration and hearing are explored in depth.
Corequisite(s): CR 509.

Social Studies Topics (SST)

Courses and Descriptions

SST 300 Historical & Contemporary Issues in the Social Studies 3 Credits
This course is designed to provide education and non-education majors a comprehensive introduction to, and understanding of, social studies knowledge. This knowledge covers a broad array of academic disciplines, including American/World History, Government and Politics, Geography, Economics, and the various behavioral sciences. The course is aimed at engendering a theoretical grasp of the essential elements of these disciplines, as well as a practical understanding of how the content areas exist in both human society and contemporary policies/issues.

Social Work (SOW)

Courses and Descriptions

SOW 200 Social Services & Social Work 3 Credits
An overview of the historical development of social work. Emphasis on current issues in social welfare and social service programs in the United States. Among the programs explored are those in public welfare, mental health, medical services, child abuse/neglect, school social work, and care for the elderly.

SOW 222 Social Justice and Equity in Social Work 3 Credits
Social Justice & Equity in Social Work (3) Implications of social diversity, including values, lifestyles, gender, socioeconomic status, ethnicity, race, culture, spirituality, and sexual orientation in the socially just social work relationship, as well as the significance of oppression in shaping the relationship.
Prerequisite(s): SOW 200.

SOW 250 Human Behavior and the Social Environment I 3 Credits
Human Behavior and the Social Environment (HBSE) is part one of a two sequence set of courses for majors in Social Work. HBSE I uses a life course perspective to explore the stages of human development and growth with a focus on adolescence, early adulthood, the middle years, and aged adults.
Prerequisite(s): SOW 200 and SOW 222.

SOW 251 Human Behavior and Social Environment II 3 Credits
Human Behavior and the Social Environment (HBSE) is part two of a two sequence set of courses for majors in Social Work. HBSE II continues working in the systems theory and ecological model for understanding human behavior in the social work environment.
Prerequisite(s): SOW 200, SOW 222 and SOW 250.

SOW 290 Advocacy and Social Action for Professional Social Workers 3 Credits
The focus of this course is to discuss relevant theories and strategies of social and political action that promote social justice within organizations, the larger community, and society. In this course students will gain an understanding of policy practice theory and skills in regard to social, economic, political, and organizational systems, and will use this knowledge to then influence, formulate, and advocate for policy changes to meet the needs of clients. They will develop the skills to create change at the client, agency, community, and/or societal level that is founded on the principles and ideals of social, distributive, political, and economic justice. Where advocacy assumes that people have rights, and those rights are enforceable, social action involves a coordinated and sustained effort to achieve institutional change to meet a need, solve a social problem, or correct an injustice to improve and/or enhance the quality of human life and individual well-being. This effort may occur at the initiative and direction of professional social workers, or it may occur through the efforts of individuals directly affected by the problem or policy change. Professional social workers must utilize their clinical skills, knowledge, and differential use of self to critically assess values, and evaluate needs and gaps in services for our constituents.
Prerequisite(s): SOW 200.

SOW 300 Social Work Practice 3 Credits
The course builds upon and reinforces the foundation of generalist social work knowledge, social work values, ethics, attitudes, and skills introduced in the Introduction to Social Work course. Students study the Code of Ethics of the National Association of Social Workers and practice ethical decision-making. The course reinforces the skills necessary to implement the phases of the planned change model to social work practice with multi-level client systems (individuals, groups, families, communities, and organizations). Interviewing techniques are taught and practiced. Skills in forming and running small groups, working with community organizations, and administering social programs are emphasized. Students study how to gather pertinent psycho-social facts about clients, make an assessment, plan an intervention, and successfully complete service to the client. Students who next will take SOW 301 Field Work Experience will be placed in a social service agency by the end of the semester.
Prerequisite(s): SOW 200.

SOW 301 Field Work Experience 3 Credits
Students observe and work in a social service agency. They study the structure of the agency and the people and roles within it, and develop helping skills with clients. Approximately six to eight hours of field work a week for each three credits are required, plus class sessions during the semester.
Prerequisite(s): SOW 200, SOW 300. May be taken twice in two separate semesters for a maximum of six credits toward the total credits required for graduation.

SOW 400 Social Work Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of combining research with field work. Students must critically analyze a social justice or human rights issue relevant to their field experiences. Topics vary. Students will be expected to contribute to seminar discussions and to complete research projects related to their field experience and the seminar theme. This seminar will prepare graduates to transition from the classroom to the workplace.
Prerequisite(s): SOW 300 and SOW 301.

Sociology & Criminology (SOC)

Courses and Descriptions

SOC 101 Sociological Imagination 3 Credits
Introduction to principles and concepts for the sociological analysis of human societies. Social relations, social structure, and institutions characteristic of societies past and present are examined, and causes and directions of social change are considered. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

SOC 110 Cultural Anthropology 3 Credits
The anthropological perspective is introduced, placing human behavior and institutions within their evolutionary, ecological, structural, and ideological contexts. Examples are drawn from the full range of human societies, with an emphasis on nonindustrial forms.

SOC 119 Introduction to Criminal Justice: Police, Courts, Corrections 3 Credits
This course introduces students to the sociological study of the criminal justice system. It examines the cultural and social foundations of this system, and review debates about problems with the criminal justice system and proposals to change it. Topics covered include nature of the crime problem, requirements of criminal law, policing, the role of the courts and legal professionals, sentencing, incarceration and alternatives to it.
Prerequisite(s): SOC 101.

SOC 142 The Legal & Policy Dimensions of Cannabis 1.5 Credits
In this course, you will learn about drug policy in the United States through the lens of cannabis. Theoretical and empirical arguments for, and consequences of, prohibition, and legalization will be considered with special attention to race, class, and gender. Opportunities and challenges springing from recent legal reforms and a rapidly expanding legal industry will be considered using a variety of cultural, legal, and academic sources.

SOC 143 From Plant to Profession: Practical Skills & Applications 1.5 Credits
Put your new cannabis knowledge to use in real world settings! In this final skills-based course of Rider's Cannabis Studies certificate, you will expand on the initial knowledge you've obtained through completing Rider's foundational courses in business, biology, and the law. You will learn directly from key experts in the field, whose knowledge about key trends in the cannabis industry will prepare you to explore unmatched opportunities to enter the rapidly expanding cannabis industry. Content will expose students to cannabis horticulture, science, clinical practice, and legal compliance to prepare them to enter into a variety of cannabis industry positions.
Prerequisite(s): SOC 142, BIO 102, and BUS 150.

SOC 150 Introduction to Forensics 3 Credits
Introduces students to principles of forensic science. Whether the issue is establishing paternity or cause of death, determining arson or liability, or deciding criminal guilt or innocence, collecting and evaluating forensic material is typically involved. Students will learn the meaning and significance of scientific evidence and its role in criminal investigations and civil and criminal trials. Students will learn how forensic scientists work, define a problem, collect data, and analyze results. Case studies, crime simulations and examination of criminal evidence will highlight the application of scientific principles.

SOC 201 Intro Seminar in Sociology 3 Credits
Designed for students considering a major or minor in sociology. The seminar locates sociology in relation to other disciplines; reviews the basic perspectives used by sociologists to study human behavior; and considers the methods and applications of sociological inquiry.
Prerequisite(s): SOC 101.

SOC 204 Law, Literature, and Film in America 3 Credits
Focuses in an interdisciplinary manner on law and justice as represented in American literature and films. It analyzes novels, short stories, and selected non-fiction texts from the perspectives of literary criticism, social history, and cultural and American studies.

SOC 205 Families 3 Credits
Examines families in the United States, past and present, emphasizing the variety of family experiences in different social contexts and the relationship between family life and social change. Includes comparative material on families in other countries and considers possible alternatives to current family forms.

SOC 206 Deviance and Crime 3 Credits
Considers deviant behavior as violation of social norms. Examines the concepts of deviance and crime in socio-historical context. Evaluates major theories advanced to explain deviance. Surveys different types of deviance, including conventional crime, non-criminal deviant behavior, and white-collar corporate, and government crime.
Prerequisite(s): SOC 101.

SOC 207 Racial and Ethnic Relations 3 Credits
Examines the social origins of prejudice and discrimination, and analyzes intergroup trends in conflict, competition, and cooperation. Considers issues of immigration, economic and political power, and ethnic, racial, and religious pluralism.

SOC 210 Criminal Investigation 3 Credits
Approaches criminal investigation conceptually. Students consider the social issues involved in criminal investigation, as well as ethical and legal aspects of it. The course covers such topics such as the principles of criminal investigations, the rules and procedures of preliminary and follow-up investigations, the art of interrogation, recording of statements, confessions, and the collection and preservation of physical evidence at the crime scene. Emphasis is placed on the need for meticulous adherence to rules of law and ethical practices, as an investigation proceeds from initial actions to arrest, and eventual prosecution. The course also examines the methods used in scientific interpretation of evidence and the preparation of criminal cases for trials, as well as its role in today's criminal justice system.
Prerequisite(s): SOC 150.

SOC 211 Social Movements 3 Credits
This course examines social movements that seek change in the social, cultural and political structures of society. The social, economic and political contexts of these movements are treated as well as their origins, tactics, organization, recruitment, and successes and failures. Case studies focus on movements in the areas of labor, civil rights, feminism, the environment, "right wing politics", and neighborhood activism.

SOC 216 Youth and Crime 3 Credits
In-depth examination of the nature and extent of youth criminality in the U.S. Explores changes in youth culture and theories of delinquency. Social policies are related to youth criminality and the youth justice system is considered.

SOC 225 Population Study 3 Credits
Demography; its definition, historical emergence, and growth; population as a social problem in developing and developed nations; population theories, sources and methods of demographic data, population composition, and distribution; demographic processes including fertility, mortality, and migration.

SOC 230 Foundations of Civic Engagement 3 Credits
This course is an introduction to civic engagement: its meanings, opportunities and limitations. Students will learn about the different opportunities for civic engagement in the community as well as the theories and skills associated with it. Students will learn the role of formal and informal institutions in community engagement and will identify a specific organization for in depth investigation.
Prerequisite(s): SOC 101.

SOC 245 Social Problems 3 Credits
American social, economic, and political institutions and their interrelationships are analyzed, with an emphasis on the causes, directions, and consequences of social change in American society.

SOC 246 Drugs, Crime & American Society 3 Credits
Explores the nature and extent of drug use in the U.S., how drugs are legally defined and socially constructed, and considers how and why drug policies have developed and changed historically. Considers how the criminalization of drugs has impacted policing strategies, courts, probation programs, sentencing and corrections, as well as other social institutions. Examines the role of local and federal agencies in enforcing drug laws, and considers debates about directions for legal reforms.

SOC 247 Aging 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 248 Social Service Organizations 3 Credits
Examines the growth and variety of social service organizations. The training of providers, such as teachers and physicians, and relationships between professionals and clients in settings such as schools and hospitals are studied as well as organizational decision-making, finances, and community relations.
Prerequisite(s): SOC 101.

SOC 252 Media, Culture and Society 3 Credits
Examines mass-produced commercial culture, how it has developed, and the role it plays in modern society. Analyzes the content of these cultural forms, how its production is organized, and how audiences perceive it.

SOC 261 Schools and Schooling 3 Credits
Schools and the process of schooling are analyzed within a broad historical perspective as well as within the structural and cultural context of American society. Education within a global perspective is also considered. Issues discussed include school funding, integration, tracking, technology, bureaucratization, and the "cultural wars" fought within the schools.

SOC 269 Physical Anthropology 3 Credits
An analysis of the biological development of the human capacity for culture. Topics include: modern theories of evolution and their application to human evolution; the relationship of human beings to other primates, the human fossil record, and variation among modern human populations. A background in biological studies is not necessary.
Prerequisite(s): SOC 101.

SOC 270 Area Studies: Africa 3 Credits
An intensive investigation of problems arising from historical and contemporary studies of tribal, peasant, and transitional societies in Africa south of the Sahara.
Prerequisite(s): SOC 101.

SOC 271 Area Studies 3 Credits
Studies problems arising from historical and contemporary studies of peasant populations of Europe.
Prerequisite(s): SOC 101.

SOC 272 Area Studies: Indians of North America 3 Credits
Societies and cultures of the Indians of North America from the Arctic to Mesoamerica. Emphasis on evidence of these tribal groups prior to extensive acculturation and their contemporary situation.
Prerequisite(s): SOC 101.

SOC 280 Social Movements Abroad 3 Credits
This course will provide students with an international perspective on community-engaged strategies for addressing social problems, with a special focus on social welfare and justice. This course utilizes an international experiential component via a faculty led study abroad course and is mixed modal: online and on site internationally. Through seminars with local experts, case examples, dialogue, and visits to exemplary organizations, students will learn about strategies for engaging communities in creating change, honoring indigenous knowledge and practice, working to enhance leadership, and facilitating change in the context of larger social institutions. Through readings, online discussions, and self-reflection students will gain a greater understanding of social movements across the host country, with special emphasis on the culture and experiences of international residents.

SOC 300 Work and Occupations 3 Credits
Analyzes the nature and organization of work in modern society. Focuses on such issues as division of labor, specialization, alienation, professionalization, and the role of technological change. Includes an examination of the historical development of work in the 20th century, and a consideration of contemporary and future patterns of work organization.
Prerequisite(s): SOC 101.

SOC 301 Methods of Sociological Research 3 Credits
One of the required courses in both the Sociology and Criminal Justice majors, Methods of Sociological Research introduces students to basic research processes in the social sciences. The course introduces students to both quantitative and qualitative approaches and data analysis using both original and secondary sources. Students will also complete an original research paper in this course.
Prerequisites: SOC 101 or SOW 250.

SOC 302 Crime & Justice in the Media 3 Credits
This course focuses on the impact of media on Americans' perceptions and understanding of the extent and causes of crime, and the effectiveness and purposes of crime policy. It examines how criminals, types of crime, crime policies and the criminal justice system are portrayed in various media outlets, including film, tv, newspaper, and electronic/internet. It explores the historical and contemporary relationships between media representations of criminal behavior, crime as a social problem, and the nature of the criminal justice system and contrasts these to their social realities.

SOC 304 Women and Law 3 Credits
Explores the social, economic, political and cultural context of laws relating to women and gender, such as workplace discrimination, divorce and child custody and reproductive rights. It examines how such laws have changed historically and the impact such laws have had on women as well as on men and on American social institutions, such as the family, politics, and the workplace. The course also examines women in the legal profession and their impact on the practice of law and legal reasoning.

SOC 307 Criminal Justice Practice 3 Credits
This course will consider the ways criminal justice agencies and occupations are shaped by social, economic, political, technological and legal changes. Through case studies and projects students will examine the work, culture, and work settings of various criminal justice practitioners, assess the impact of social policies on criminal justice careers, and identify new directions in the field. Students will develop the reading and writing skills needed by an array of criminal justice practitioners.

SOC 308 Cities And Suburbs 3 Credits
Examines the growth of an urban way of life under the influence of industrialism. Study of community, political, and economic institutions in cities. Comparisons between urban and suburban areas.
Prerequisite(s): SOC 101.

SOC 309 Peasant Society 3 Credits
A comparative view of peasants and their significance in agrarian, colonial, and industrial societies. Peasant economic, political, and social institutions are analyzed with an eye to both their internal operation and the way they relate to non-peasant groups who hold power in these societies. The changes that have occurred in the peasant world are viewed both as a consequence and a cause of wide reaching political and economic upheaval.
Prerequisite(s): SOC 101.

SOC 310 Pre-Industrial Economies 3 Credits
The anthropological study of technology, production, and exchange in nonmarket cultures, as related to the social, ideological, and ecological systems in which they are embedded. The question of whether the concepts that derive from market economies can be applied to all economic systems is considered in detail.
Prerequisite(s): SOC 101.

SOC 311 Social and Cultural Change 3 Credits
Investigates the process of change in both industrial and nonindustrial settings. Particular attention paid to the role of the individual in change as well as the roles played by the mode of production, social organization, and ideological constructs. Case studies are drawn from non-Western as well as Western sources.
Prerequisite(s): SOC 101.

SOC 312 Women in Society 3 Credits
Examines changes in women's roles and in male-female relationships. Focuses on impact of law, economy and social movements in shaping women's positions as wives and as workers. Explores theories and evidence concerning the nature and extent of sex differences. Attention to women's socialization through language, schools and media.
Prerequisite(s): SOC 101.

SOC 313 Gender and Criminal Justice 3 Credits
This course will examine women's experiences with the criminal justice system as offenders, victims, prisoners, and practitioners. It will consider how gender has shaped theories of crime and criminological research. It will explore how cultural constructions of gender have influenced substantive and procedural criminal law, the ways criminal justice agencies respond to crime, and how these have changed historically. Attention will be given to the development of new approaches, reforms, and challenges.
Prerequisite(s): SOC 101.

SOC 314 Social Theory 3 Credits
Introduces the major thinkers and conceptual problems characterizing the development of sociological thought. Required of sociology majors.
Prerequisite(s): SOC 201.

SOC 315 Issues in Modern Social Theory 3 Credits
Examines current trends and issues in sociological thought.
Prerequisite(s): SOC 314 or permission of instructor.

SOC 316 Feminist Social Thought 3 Credits
An introduction to feminist social theory, with emphasis on its breadth and variety. Special attention paid to the ways feminist theorists have analyzed the relationship of gender to other kinds of group differences.
Prerequisite(s): SOC 101.

SOC 317 Law and Lawyers 3 Credits
Relationships between law, the economy, and the state are explored. Discussion of laws, legal systems and legal reasoning using cross-cultural comparisons and historical analysis of these in the United States. Particular attention given to impact of law on corporations, workers, women, and minorities. Changes in legal profession and legal education are examined.
Prerequisite(s): SOC 101.

SOC 318 Hate Crimes in the United States 3 Credits
Provides an interdisciplinary exploration of hate crimes in the United States, its causes and consequences. It will examine the social, political, and legal issues that have shaped policies and laws designed to respond to hate crimes and assess their effectiveness. Debates about the nature of hate crimes and the special laws and sentencing provisions developed to deal with them will be discussed. Topics include hate crimes on college campuses, hate on the Internet, legal and constitutional issues, and criminal justice enforcement.

SOC 320 Religion and Belief Systems 3 Credits
The relation of religious phenomena to social structures and processes; religion in cross-cultural perspective.
Prerequisite(s): SOC 101.

SOC 321 White Collar and Corporate Crime 3 Credits
This course will identify, explore, and study the unique criminological characteristics of the crime subtypes white collar crime and corporate crime. In addition to developing a formal definition of white collar crime and corporate crime, students will study: (a) the nature of the criminal act and the criminal actor(s); (b) the extent or scope of the white collar/corporate crime problem; (c) the factors that contribute to the crime decision, and (d) the various prevention and mitigation strategies used to address the white collar crime/corporate crime problem. Students will learn to evaluate historical cases of white collar crime/corporate crime and apply criminological theory to actual cases.
Prerequisite(s): SOC 101.

SOC 322 Punishment and Corrections 3 Credits
This course explores the nature, forms, rationales, and effectiveness of punishment as a form of crime control. It traces the development of corrections in the U.S., identifies cultural trends and developments in penology, including mass incarceration and supermax prisons, considers the ways race and class have shaped these, and the reverberating effects penal policies have had on American culture and society beyond the criminal justice system. It examines the role of laws, politics, crime control agencies, as well as of media, and corporations in shaping penal policies. Topics also include: prison subcultures, inmate rights, correctional practices, privatization of prisons, and alternatives to punitive policies of incarceration and capital punishment.
Prerequisite(s): SOC 101.

SOC 325 Population Study 3 Credits

SOC 330 Class and Economic Inequality 3 Credits
Social, economic, and political aspects of the division of society into classes are considered. Theories of stratification and the distribution of wealth, power, and prestige in societies past and present are examined.
Prerequisite(s): SOC 101.

SOC 333 Convict Criminology 3 Credits
Convict Criminology is the study of crime and the advancement of criminological ideas and contributions originating from the first-hand experiences of convicts/ex-convicts. Convict criminologists are primarily current or former criminal justice system-involved individuals who have pursued and achieved advanced degrees and are actively researching relevant criminal justice issues. In addition to fully defining convict criminology as a school of thought, this course will explore the history, development, and current and future place of convict criminology in the overall criminology field. The course will identify key convict criminology writings and research and will include a comparative review of traditional versus convict criminological approaches and how differing motivations and priorities have impact on the incarcerated, and the current system responses to them. Students will identify, document and analyze other ways of hearing the convict perspective and voice to see if this convict view can offer additional insight on how to address those in confinement and perhaps suggest solutions to a broad range of criminal justice system questions. Sophomores, Juniors and Seniors ONLY.

SOC 340 Power and Politics 3 Credits
Examines the nature and distribution of power in contemporary societies; analyzes the relationships between power and politics.
Prerequisite(s): SOC 101.

SOC 341 Developing Societies 3 Credits
Examines theories explaining patterns of development; indicators and measures of social well-being; and problems such as population, hunger and environmental crises in developing countries. Focuses especially on patterns of development in Latin America or China.
Prerequisite(s): SOC 101.

SOC 342 Police and American Society 3 Credits
This course examines important issues regarding police in American society, such as the paradoxes inherent in police work, police organization and strategies and their effectiveness, the dilemmas of supervising police work, police unionism, the nature and implications of police occupational subculture, the use of police discretion, forms of police misconduct and accountability, professionalization of police and the trend toward police privatization. It also considers the diversity of the police force, trends in the delivery of policing services, the impact of new technologies on policing, and the challenges of policing in a multicultural society.
Prerequisite(s): SOC 101.

SOC 343 Policing and Counter Terrorism 3 Credits
This course is designed as an upper level (undergraduate/graduate) combination lecture and discussion section on the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspectives on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survival, to societal security, to unit level-variables such as Human Security.
Prerequisite(s): SOC 101.

SOC 344 Gangs in America 3 Credits
This course explores the extent and nature of street gangs in the US and public reaction to them. The course considers what gang membership means, and when gangs are cohesive or not. The course will focus on the functioning and process of the justice system and its response to gangs. Students will examine potential strategies to address gang crime, weigh the costs and benefits of these various actions, and discuss how to rehabilitate both low level and serious gang offenders.
Prerequisite(s): CMP 125.

SOC 345 Race and Crime 3 Credits
Examines the impact of crime policy on minority communities in the United States, with particular attention to the impact of "The War on Drugs", three-strike laws, and mandatory sentencing on minorities and minority communities. Drawing on sociological research, the course explores myths and realities concerning the relationship between race and crime. The relationship between racial attitudes, historical race relations, and mass incarceration are discussed.
Prerequisite(s): SOC 101.

SOC 346 Health Care and Society 3 Credits
Application and contributions of sociology to medicine; the strategy and methods of sociomedical research; sociology of illness, addictive and mental disorder; medical institutions; health services and medical care; and current status of medical sociology.
Prerequisite(s): SOC 101.

SOC 347 Aging and the Elderly 3 Credits
The emergence of social gerontology, demographic foundation of aging, the aging process, comparative study of aging and aged, effect of aging on the individual, social institutions and aging, and problems of aging and some solutions.

SOC 348 Human Service Organizations 3 Credits

SOC 349 Retirement and Leisure 3 Credits
Examines the social phenomena of retirement as an event, process, social role, and life stage. Explores the meaning of leisure, time utilization, and creativity among the elderly. Defines related problems and issues, i.e., financial, physical, psychosocial, and environ-mental. Positive as well as negative implications are presented and evaluated.
Prerequisite(s): SOC 247 recommended.

SOC 350 Social Policy 3 Credits
Investigates the relationship between economic development and social policy in comparative and historical context. The main features of preindustrial, early industrial, and advanced industrial social welfare systems are described. Social, economic and political factors that shape social policy are investigated.
Prerequisites: SOC 101 or SOW 250.

SOC 351 The Rights of the Accused 3 Credits
Analyzes the major substantive and procedural rights accorded to the criminally accused by the United States Constitution. Particular attention will be given to the right to counsel, confessions and self-incrimination, arrest, search and seizure. Students will learn to argue and write hypothetical case opinions.

SOC 355 Social Interaction 3 Credits
Examines the interpersonal relation between and among people in private life, public places, and at work. Explains how such relations affect and are affected by changes in the larger social structure.
Prerequisite(s): SOC 101.

SOC 360 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 361 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 362 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 363 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 364 Selected Topics 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 365 Selected Top: Social Movements 3 Credits
FALL 2012 - This course examines movements that seek change in the social, cultural and political structures of society. The social, economic and political contexts of these movements are treated as well as their origins, tactics, organization, recruitment, and successes and failures. Case studies focus on movements in the areas of labor, civil rights, feminism, the environment, "right wing politics", and neighborhood activism. In today's world, social movements abound. Movements such as the Tea Party and the Occupy movements demonstrate that they can take place across the political spectrum of society. Moreover, the interconnectedness of the world economy creates social movements throughout the world, whether in Asia, the Mid-East or Europe that have direct affects on the United States. Because the coverage of these movements are given considerable media exposure, students (and the public) tend to accept the interpretations of these movements as presented in the narratives of the media coverage. This class will provide a systematic academic treatment of social movements. Because social movements target structural and cultural institutions in society, the study of these movements will not only provide an understanding of these movements, but of larger social problems in society as well.
Prerequisite(s): SOC 101.

SOC 367 Selected Topics: Environment 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 368 Selected Topics in Sociology 3 Credits
Exploration of a specialized topic or problem in sociology. Permission of the instructor required.
Prerequisite(s): SOC 101.

SOC 369 Selected Topics in Sociology 3 Credits

SOC 396 Applied Sociology 3 Credits
Shows how sociology can be applied in work settings. As participant observers in organizations related to their career objectives, students learn to apply sociological knowledge, perspectives, and skills. In class meetings and individual consultations with the instructor, students examine the applied dimensions of sociology, the uses of sociology in various occupations, the ethical issues involved in applied sociology, and the culture and structure of their work organization.
Prerequisite(s): SOC 101.

SOC 400 Senior Seminar 3 Credits
For sociology majors only. This seminar involves in-depth examination and research of a specific issue of current importance in the discipline. Learning to do sociology is emphasized.
Prerequisite(s): SOC 201, SOC 301, SOC 314.

SOC 401 Sex and the Body in Society 3 Credits
Examines cultural meanings and social practices associated with sex and the body. Contemporary cultural norms and practices in the U.S. will be compared to other societies, historically and cross-culturally. Variations in sexual practices, ideals of sexual attractiveness according to age, gender, race, ethnicity, class and sexual orientation also will be discussed. Topics may include beauty industries (e.g. cosmetics, diet, fashion, surgery, drugs), sex and the workplace, the impact of media, social policy, and technology on ideals of sexual attractiveness, birth control, and sexual violence.
Prerequisite(s): SOC 101.

SOC 460 Criminal Justice Senior Seminar 3 Credits
Draws on and develops students' knowledge and understanding of crime, criminal law and criminal justice institutions, and applies these to a specific topic, method, institution, or controversy. Topics vary. Students will be expected to contribute to seminar discussions and to complete research projects related to the seminar theme. Required for senior criminal justice majors; open to others only by permission of the chair.

SOC 490 Independent Study: Research and Creative Expression 1-4 Credits
Juniors or seniors who have completed at least 12 credit hours in sociology may propose an independent research project with the aid and advice of any full-time faculty member of the department. Proposals must be reviewed and approved by the sponsoring faculty member and submitted to the department's Independent Study Committee at least four weeks prior to the last day of classes for the semester preceding Independent Study.
Prerequisite(s): SOC 101.

SOC 491 Internship in Sociology 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of applications of sociology in work settings and to analyze work settings using sociological knowledge and research methods. Placements are made in business, government, and community offices that utilize sociological knowledge or research skills.
Prerequisite(s): 2.75 GPA.

SOC 496 Honors in Sociology 3-6 Credits
Training in the efficient collection of data that has a bearing on the problem being investigated. Stresses the technique of proper summarization of the collected material as well as the integration of that material into a comprehensive report. A research design is prepared and hypotheses tested in the field. The original library research is then combined with the findings to produce a mini-thesis. Approval of student's program by a sponsoring faculty member and the department Independent Study Committee is required.
Prerequisite(s): SOC 201, SOC 301.

SOC 497 Honors in Sociology 3-6 Credits
Training in the efficient collection of data that has a bearing on the problem being investigated. Stresses the technique of proper summarization of the collected material as well as the integration of that material into a comprehensive report. A research design is prepared and hypotheses tested in the field. The original library research is then combined with the findings to produce a mini-thesis. Approval of student's program by a sponsoring faculty member and the department Independent Study Committee is required.
Prerequisite(s): SOC 201, SOC 301.

Spanish (SPA)

Courses and Descriptions

SPA 100 Spanish I 3 Credits
Introduction to the fundamentals of Spanish grammar, with emphasis on communicative skills, in culturally authentic contexts. Students are required to work extensively with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): placement test if Spanish has been studied elsewhere.

SPA 101 Spanish II 3 Credits
Continuation of Spanish 100. Emphasizes the use of language for communicative and cultural competency while developing a solid grammar foundation in Spanish. Students are required to work extensively with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): SPA 100 or placement test.

SPA 102 Elementary Spanish II Abroad 3 Credits
This course is the second part of the first-year experience in Spanish and is designed for students who have taken Spanish for Beginners I and who are interested in experiences abroad in a Spanish speaking culture. The aim is to develop the four basic skills (listening comprehension, speaking, reading, and writing) in and beyond the classroom. The discussion of distinctive cultural aspects of the Hispanic world is an integral part of this course as well as to encourage students to experience the world through the eyes of the other culture by exposing them to the literature and arts of the local culture. This course takes 8 weeks in total, 7 weeks at Rider online and 1 week abroad. During the seven weeks, students practice linguistic skills and gain cultural knowledge related to the country of destination. These skills and knowledge will prepare the students for the one week abroad experience.
Prerequisite(s): SPA 100 with a minimum grade of D.

SPA 103 Introductory Medical Spanish 3 Credits
The language program objectives of our department are based on the premise that students must be able to demonstrate increased proficiency in interpersonal, interpretive, and presentational communication skills as well as growth in cultural, literary, and interdisciplinary knowledge as they move through a sequence of study. This course is the second part of the first-year experience in Spanish during which the development of communicative and cultural competencies is at the center of this experience. At the end of the course, successful students will be able to handle a variety of uncomplicated communicative tasks in straightforward social situations. They will also develop a sense of the cultural aspects of peoples who speak the target language. This course offers an additional focus on the use of Spanish across a variety of medical professions. Students interested in careers in medicine, nursing, counseling, physical therapy, chiropractic education, healthcare communication, public policy or other related fields will benefit from the linguistic (i.e., vocabulary and grammar) and sociocultural topics examined in this course. In addition to learning grammar and vocabulary that will translate into real-world skills in medical and healthcare professions (e.g., talking to patients, navigating a hospital setting, diagnosing illnesses), students will also explore sociocultural topics on how Latinx communities in the United States relate to medical and healthcare services and industries. In order to take this course, students must have taken Spanish I (SPA 100) at Rider or placed into Spanish II or Introductory Medical Spanish (SPA 101 or SPA 103) on the Foreign Language Placement Test.

SPA 200 Spanish III 3 Credits
A focus on key communicative structures in Spanish with emphasis on aural-oral (listening and speaking skills) and composition writing. Cultural and literary readings and films will be used to develop these skills. A special section may be offered to address the needs of native speakers. Students may be required to work with audio and/or video materials and online sources. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisite(s): SPA 101, 102, 103 or placement test.

SPA 201 Spanish IV 3 Credits
A continuation of communicative Spanish review with emphasis on aural-oral and written skills to prepare students for further study. The discussion of distinctive cultural aspects of the Hispanic world is an integral part of this course. This course counts towards the fulfillment of the Essential Competencies element of the CLAS general education curriculum.
Prerequisites: SPA 200 or placement test.

SPA 300 Advanced Grammar & Composition 3 Credits
A systematic review of grammatical structure. The development of writing skills, in preparation for upper level courses in literature, culture and professional language.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 301 Spanish for Business 3 Credits
A solid foundation in business vocabulary and cultural concepts; situational practice in geographic and cultural contexts necessary to be successful in today's Spanish-speaking world. Practice in writing business letters and other documents. Oral and written assignments to help students improve their critical thinking and become better communicators.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 302 Writing and Translating 3 Credits
Practice in writing and an introduction to translation for students who will use Spanish in their professional lives. Using literary, cultural and journalistic sources, students learn various writing discourses including narration, description, exposition, argumentation, and journalistic and letter writing. Translation involves preliminary study of translation theory and techniques, and practice with texts from students' chosen careers. Additional study of Spanish grammar as necessary.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 303 Advanced Communication and Popular Cultures 3 Credits
The focus of the course is to strengthen the student's aural comprehension and speaking skills by providing a framework for regular guided practice of fundamental grammar structures and vocabulary enhancement in the context of Hispanic cultures. Listening activities will include live speech, video recordings, film shorts and one full-length movie. Speaking tasks will be reinforced with written exercises.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 305 Cervantes 3 Credits
A detailed study of Cervantes' masterpiece, El ingenioso hidalgo Don Quijote de la Mancha. Lectures, discussions, and supplementary readings.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 310 Spanish Culture & Civilization 3 Credits
Spain's cultural achievements are studied in light of the country's unique historical and social reality through the use of historical, artistic, architectural, cinematic and literary sources. Cross-cultural awareness is enhanced through exercises that compare Spanish and American society. Classes are in English. No knowledge of Spanish required. This course may contain an optional travel component offered before or after the semester or during spring break.

SPA 311 Latin American Cultures 3 Credits
A panoramic survey of Latin American cultural achievements in light of the unique social and political history from the pre-Columbian period to the present. Classes are in English. No knowledge of Spanish is required.

SPA 312 Latinx Cultures 3 Credits
This course focuses on the cultural formation of Latinos/as/x in the United States, as well as the social and political motivations for Latin American migration to this country. Our class will analyze and question how various Latinx communities are grouped into a single U.S.-Latino Diaspora. This course takes a transdisciplinary approach, thus we will consider literary texts (short stories, poems, films, novels), historical and anthropological studies, and sociological works in our examination of Latinx cultures. The main goals of the course are for students to begin to conceptualize: 1) how the United States has been shaped by the presence of Latino/a/x communities, and 2) how Latino/a/x experiences are reflected in literature and art. Classes are in English. No knowledge of Spanish is required.

SPA 320 Introduction to Spanish Literature 3 Credits
Examines through lectures, readings and class discussions selected texts and their relationship to the main currents of European literary history. Introduction to the practice of literary analysis through written composition. Required for majors. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 325 Introduction to Latin-American/Latino Literature 3 Credits
A study of the development of Latin-American and Latino literature from its origins to the present through the reading, analysis and discussion of representative works by major authors. This course increases the understanding of how social, historical, and political events, together with native as well as foreign literary movements, create a unique literature, conveying the Hispanic-American reality. Required for majors. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 395 Phonetics for Communication 3 Credits
A systematic study of the production of Spanish sounds with practice in phonetic transcription and a preliminary investigation of dialects.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 403 Medieval Literature 3 Credits
Surveys the literature of Spain during the Middle Ages, with special emphasis on major writers such as Gonzalo de Berceo and Don Juan Manuel, and attention to the epic and the medieval ballad. Modern versions of medieval Spanish are used.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 410 Modern Hispanic Poetry 3 Credits
Surveys the poetic genre, emphasizing how to read, analyze, and appreciate poetry. Major poets from Spain and Spanish America of the 19th and 20th centuries representing the main currents of modern lyricism are studied. Focuses on such major writers as Rosalía de Castro, Darío, Jiménez, Machado, Vallejo, Mistral, Neruda, Lorca, Paz, Ana Rossetti, Nicolas Guillen, and Nancy Morejon.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 411 Modern Spanish Novel 3 Credits
Traces the development of the Spanish novel, paying particular attention to the masters of the 19th-century Realism (Galdos and Clarín), the innovations and experimentation of the Generation of '98 (Unamuno, Baroja, Valle-Inclan, and Pérez de Ayala), and the novelists of the post-Civil War and contemporary periods (Cela, Delibes, Goytisolo, Martín Gaite, Matute, Fernandez Cubas, and Javier Marías). Emphasis on the aesthetics of the novel as a literary form.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 412 Theater and Film of the Hispanic World 3 Credits
This course explores through theater and cinema the compelling issues that have shaped Hispanic cultures and consciousness throughout the centuries. Sample topics include war and remembrance; myth and history; freedom and authority; immigration; globalization; and race, class, and gender. The course may focus on specific authors or historical periods. Representative playwrights include Lope de Vega, Zayas, Zorrilla, Avellaneda, Lorca, Buero Vallejo, Sastre, Solorzano, Carballido, Lopez Mozo, and Pedrero. Directors include Buñuel, Saura, Gutiérrez Alea, Almodovar, Rocha, Salles, Erice, Zambrano, and Bollaín.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 413 The Hispanic Short Story: Transatlantic Connections 3 Credits
This course will introduce students to the most representative writers of the short story in Spain and Latin America from Romanticism to the present. Students will be prepared to perform close readings of the literary genre under study, to analyze the form and content of the texts read, paying due attention to all internal and external aspects that impact the narrative process and the evolution of the short story. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 415 Spanish Renaissance 3 Credits
The origins and evolution of the Renaissance in Spain and of the literary expression of Renaissance culture as reflected in the development and perfection of prose and lyrical styles through the 16th century. Topics include the medieval heritage, Spanish Humanism, the Celestina, the Renaissance ideal in amatory prose and poetry, mysticism, the ballad, and the picaresque novel.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 416 The Spanish Golden Age 3 Credits
The literature of Spain during a period of political decline and outstanding aesthetic achievement: Lope de Vega and the rise of a national theatre; Calderon's drama of ideas; the development of the novella and the picaresque novel; the poetry and prose of Gongora, Quevedo, and Gracian. Also includes an introduction to literary theory.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 420 From Colonies to Nations 3 Credits
This course consists of a panoramic survey of Colonial Latin American literature in light of the unique social, cultural and political history from the pre-Columbian to the Independence period (1825). Course taught in Spanish. Note: This course is cross-listed as LAC 420. Students may not get credit for both SPA 420 and LAC 420.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 426 Latin American/Latino Film and Fiction 3 Credits
A study of the main trends in contemporary Hispanic fiction written in Latin America and the United States. Analysis and discussion of selected novels and short stories, and their cinematic representation on film. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum. Course taught in Spanish.
Prerequisite(s): SPA 201 or above, or placement test at 300-level or above.

SPA 430 Latinx Community Engagement 3 Credits
This course explores the experiences of Latinx individuals and communities across the United States through a) class meetings and discussions, and b) community engagement with pre-established partner organizations in and around Lawrenceville, NJ. Broadly, our course will examine questions related to identity, race, ethnicity, language, transnationalism, (im)migration, the border, (im)migrant detention, and solidarity movements.
Prerequisite(s): SPA 201 or above.

SPA 490 Independent Study: Research and Creative Expression 1-4 Credits
Independent Research and Study allows juniors and seniors in good academic standing to investigate topics of interest under faculty supervision. Projects must be approved by the faculty member, department chairperson, and academic dean no later than the third week of the semester in which the project is to be conducted. Only one project can be scheduled in a semester, and for no more than four semester hours; up to 12 semester hours of independent research and study may be counted toward graduation. Note that individual departments may have additional restrictions.

SPA 491 Internship in Foreign Languages 1-4 Credits
A supervised work experience in an approved organization to gain knowledge of the importance and interrelationship of foreign languages and cultures in the workplace. Placements can be made in international governmental agencies, international trade associations, multinational corporations, social service agencies and other appropriate workplace environments both in the United States and abroad. With permission of the supervisor and faculty advisor, a three-credit internship may be substituted for a collateral requirement as credit toward the major.
Prerequisite(s): students should have completed at least one 300-level course in the foreign language.

SPA 496 Special Studies 3 Credits
A seminar open to a variety of topics treating a particular author, period, genre, theme, or issue.
Prerequisite(s): permission of instructor.

Special Education (SPE)

Courses and Descriptions

SPE 201 Foundations in Special Education and Inclusive Practice 3 Credits
This course emphasizes the foundations of special education and introduces students to inclusive practice. Philosophical, historical, and legal foundations of special education and characteristics of students with disabilities will be examined. Students will learn the components of an Individualized Education Program (IEP), how to adapt learning environments and curricular materials, as well as how to select and implement modifications for students with disabilities. Inclusive educational practices including communication, coteaching, and collaborative partnerships will be addressed through case studies and fieldwork. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 is required.

SPE 202 Teaching Students with Autism Spectrum Disorder and Low-Incidence Disabilities 3 Credits
This course is designed to examine the characteristics of individuals with Autism Spectrum Disorder (ASD) and strategies to support their academic, communication, and social/behavioral growth, including the use of assistive technology and positive behavioral supports. Methods and strategies for ASD and other low incidence disabilities will be explored. Through active participation in class and field sites, students will become aware of the various social issues related to family, education, transition, community resources and work experiences of individuals with these disabilities. Students will be required to complete a minimum of 30 weekday field hours in addition to regularly scheduled class hours.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 210 Global Encounters 3 Credits
This course is an international learning experience focused on exploring educational opportunities in the United States and abroad. Students will study the history, policy and practice of special education in the United States and compare it with another country and culture first hand, through lectures, school visits and reflection. Current strategies and challenges of educators and families supporting individuals with disabilities will be examined. Through this cross-cultural experience, students will broaden perspectives and develop cultural awareness, knowledge, and understanding of diversity. This course is open to all students and disciplines. There are no prerequisites.

SPE 300 Inclusive Practices for General Education Teachers 3 Credits
This online course is designed to introduce preservice general education teachers students to special education and the inclusive classroom. Students will explore current issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed. Students will be required to complete a minimum of 15 field hours in addition to regularly scheduled class hours. Prereqisite(s): EDU 106 and EDU 206. A cumulative gpa of 2.75 is required.

SPE 303 Assessment and Instruction for Students with Disabilities 3 Credits
This course will emphasize the relationship between assessment and instructional design and implementation. Coursework includes the evaluation, selection, development, and adaptation of standardized, normreferenced, and functional assessments, such as a Functional Behavioral Assessment (FBA) and Ecological Assessment. Strategies to support literacy instruction for students with disabilities will be examined. Transition planning, program development, and agencies available to support students with disabilities and their families will be explored. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 304 Assessment and Instruction in the Inclusive Classroom 3 Credits
This course will emphasize assessment, planning, and instructional design to maximize the learning of all students, including those with exceptional learning needs, in the inclusive classroom. Students will have the opportunity to explore a variety of instructional strategies to meet the needs of diverse learners. Organization of learning environments and the collaborative process, including co-teaching models, will be utilized to design a long-term unit plan. This course requires a field experience in order to help students apply theory to practice.
Prerequisite(s): A cumulative GPA of 2.75 and SPE 201.

SPE 305 Assessment and Instruction for Students with Autism Spectrum Disorders 3 Credits
Through this course, teacher candidates will learn both theories related to teaching students with Autism Spectrum Disorder (ASD) as well as best practices in the classroom related to academic instruction, as well as emotional, behavioral, and communicative interventions. This course also includes a field component, in which teacher candidates are expected to complete 10 hours of observation in a classroom with students with ASD. The course begins by examining the characteristics of the disability, causes, early warning signs, diagnostic procedures, and early intervention practices. Specific practices related to instruction and intervention as well as how to best structure a classroom for students will be examined. Teacher candidates will receive instruction in a variety of strategies and practices, even those that do not yet qualify as EBPs, as well as their theoretical underpinnings. Strategies for communicating effectively and efficiently with parents, as well as the most current and/or special issues in the field will also be discussed. Issues related to post-secondary transition will also be examined.
Prerequisites: A cumulative GPA of 2.75 and SPE 201.

Sport Management (SPT)

Courses and Descriptions

SPT 250 Introduction to the Business of Sports 3 Credits
This course is designed to introduce the student to the business of sports. Business principles, such as management, marketing, law, finance and economics will be applied to the business of sports. The course will also explore the various career opportunities in the world of sports.

SPT 320 Business of Global Sport 3 Credits
The course explores the diverse challenges and issues facing the managers of sport enterprises in the context of the global marketplace. Issues of governance, cross-cultural interactions and business activities will be examined as they relate to modern sport at the international level. By evaluating case studies and examining current issues in the field, students will gain an understanding of the relationships and responsibilities associated with being a business professional in the global sport industry.

SPT 322 Sports Analytics 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of statistical techniques and visualizations to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations and fantasy competitions. Classwork will consist of readings, lectures, discussions, presentations from guest speakers, and hands-on labs. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite(s): CIS 185, MSD 200 or MSD 205, and SPT 250.

SPT 325 Financial Management in the Sport Industry 3 Credits
This course is designed to build upon earlier knowledge from courses in economics, accounting and finance that emphasizes the sports industry and the challenge for financial managers in areas such as stadium/arena financing, financial analysis and valuation. Business models and their financial implications for media and sports related enterprises as well as the business of college athletics will also be covered.

SPT 355 Sports and the Law 3 Credits
Examines the legal, ethical, economic, social and managerial issues related to sports. Topics include liability issues, contracts, employment discrimination, antitrust law, and constitutional law. This course is cross-listed as LAW 355. Students may not get credit for both SPT 355 and LAW 355.

SPT 444 Selected Topics in Sport Management 3 Credits
This course is offered occasionally with topics and prerequisites set by the Business of Sports Program faculty. This course can be used as an elective for the Sport Management major, Sport Studies minor, or as a free elective. This course is graded on a letter grade basis.
Prerequisite: SPT 250.

SPT 450 Contemporary Issues in Sport Management 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of lectures, discussions, and guest speakers from the sports industry. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports.
Prerequisite: SPT 250, senior standing, and completion of 15 credit hours in business of sports coursework or permission of instructor.

SPT 490 Independent Research and Study 1-4 Credits
Topic to be approved by the professor and chairperson. Available for juniors and seniors. No more than 12 credits allowed toward graduation, which may be counted as a business or free elective.
Prerequisite(s): Junior standing, 9 credits in Sport Management courses (including SPT 250) and permission of instructor.

SPT 491 Sport Management Internship 1-3 Credits
This course provides the student with the opportunity to supplement and apply their classroom work in a supervised employment setting with participating sport-related companies. Requirements include a journal with a log of weekly activities and a paper summarizing their experiences, submitted to the internship supervisor. Evaluation will also include a report by the company on the intern's performance. Students will receive a letter grade based on their internship performance, as well as their performance on the journal and final reflection submissions. Sports related internships can be used to satisfy an elective requirement for the Sport Management Major, Sport Studies Minor and business or free electives.
Prerequisite(s): permission of instructor.

Sustainability Studies (SUS)

Courses and Descriptions

SUS 100 Introduction to Sustainability Studies 4 Credits
Sustainability is an idea that will shape the lives of all in the 21st century. Students will explore how we arrived at our current precarious environmental situation and investigate cutting-edge methods that support human development and protect the natural ecosystems on which we will depend. By exploring principles of sustainability (whole-systems approaches, resource limitations, stewardship) through many different lenses, students will appreciate the interdisciplinarity of the sustainability enterprise. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.
Corequisite(s): SUS 100L.

SUS 100L Intro to Sustainability Lab 0 Credits
For students concurrently taking SUS 100. Field trips, visiting speakers, and films to complement topics covered in the introductory course. One three-hour laboratory per week.
Corequisite(s): SUS 100.

SUS 400 Sustainability Studies Seminar 3 Credits
To synthesize sustainability studies coursework and internship experiences, students will collaboratively develop and implement a sustainability project on the Rider campus, aiming to simultaneously reduce both depletable resource use and environmental impact. Seminar sessions will explore the historical development of current systems and innovative thinking related to sustainability planning related to the focal issue. Specific topic at discretion of the instructor. Prerequisite(s): SUS 100, SUS 100L.
Corequisite(s): SUS 400 or as prerequisite or permission of instructor.

SUS 490 Independent Study: Research and Creative Expression 1-4 Credits
Immerses the student in applying sustainability principles in a field setting. Students are expected to assess the outcomes of their projects and communicate their results verbally and in writing to interested audiences.

SUS 491 Internship in Sustainability 1-4 Credits
A supervised work/service experience in an approved organization where students gain understanding and experience with applying sustainability principles. Placements may be in private, public, educational, non-profit or governmental organizations. Students are expected to include measurement and documentation of the environmental, social, and economic impact of their work. A minimum of 50 hours of work is required for one credit. At least 150 hours are required to earn 3 credits.

Theatre (THE)

Courses and Descriptions

THE 103 The Authentic Instrument I: Introduction to Performance Skills 3 Credits
Through Alexander Technique and other methodologies, actors gain awareness of personal habits and begin to find their authentic, truth-telling voice and body—a dynamic and expressive instrument to serve them in any medium.

THE 104 The Authentic Instrument II: Developing the Imaginative Performer 3 Credits
Continuing from THE 103, actors explore psycho-physical techniques (e.g. Michael Chekhov, Viewpoints, Laban) to develop the actor's imagination. The class culminates in a public presentation using the tools that have been cultivated in Authentic Instrument I & II.
Prerequisite(s): THE 103.

THE 105 Theatre History to 1700 3 Credits
The history of theater from the primitive time through the Baroque era. Examines major plays and playwrights, emphasizing the Greek, Roman, Medieval, and Elizabethan eras.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 106 Theater History Since 1700 3 Credits
The history of theater from the Restoration to the present. Examines major plays and playwrights, emphasizing the Restoration, Romantic, and Realistic movements.This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 107 Acting I: Intro to Acting 3 Credits
Exercises and improvisations developing the fundamental prerequisites for the actor are provided. The emphasis is on vocal and physical mobility and the ability to communicate emotional states from the stage.

THE 110 Acting II: Scene Study 3 Credits
Basic acting techniques. Emphasis on the ingredients of any action: what am I doing, where, why, who am I, what is my attitude toward partner?
Prerequisite(s): THE 107.

THE 111 Theatre Lab 0 Credits
This class serves as a forum for students to cultivate practical professional skills. Through seminars, guest speakers and master classes, this lab will give the students necessary tools to enter the professional theater. Theater majors must meet the weekly attendance and participation requirements during every semester up to a total of six.

THE 115 Stagecraft 3 Credits
The theory and practice of construction and rigging of stage scenery is offered. Emphasis is on actual productions and road show set-ups. One lecture and two labs per week.

THE 116 Stagecraft Practicum 1 Credits
Work in the various shops and stages specializing in different areas such as carpentry, scenic painting, lighting and electrics, costumes and props, assisting main stage productions under the supervision of the design or technical staff.
Prerequisite(s): THE 115.

THE 118 Visual Imagination 3 Credits
Introduction to the visual world of theater design. Visual examples, physical exercises and handcraft of composition and style, with dramatic input and meaning. The course explores how to translate ideas in a dramatic text into a visual context.

THE 120 Theater Appreciation 3 Credits
By exploration of dramatic literature, conclusions are drawn as to man's relationship to his particular period, style, political, social, and psychological environment. Appreciation of the theatrical event is included. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

THE 127 Theatre Production 1 Credits
Students rehearse and perform roles in a play produced by the department and directed by a member of its faculty.

THE 190 Production I 1 Credits
Students carry out a technical theatre crew position for one or more theatre, musical theatre or dance productions during the semester of course registration. May be repeated seven times, for a total of eight credits.

THE 199 The Arts in Contemporary Civil 3 Credits
An integrated study of the arts and their place in contemporary American life. Includes attendance at several events in art, music, and drama.

THE 201 Devised Theatre 3 Credits
Devised theatre is a process in which a whole creative team – from actors to technicians - develop a new work collaboratively. Students will create an original production inspired by a theme, topic, poem, or circumstance using multimedia, interviews, and other methods and build them through collaborative workshops and rehearsals.

THE 206 American Theatre History 3 Credits
The history of the American theater from the colonial period to the present, emphasizing dramatic scripts and theatrical conventions. Examines important playwrights, theorists, and practitioners representative of each period of American history, emphasizing the 19th and 20th centuries.

THE 207 Contemporary Theatre 3 Credits
The course will engage in exploring the art of contemporary dramatic literature and theatre practices. The scripts studied will reflect the complexity and diversity of contemporary society in various places around the world. Through an examination of a diverse body of scripts, the student will gain a better understanding of the possibilities inherent in the dramatic form, as well as the potential for the form to impact thought and action in society.

THE 215 Introduction to Theatrical Lighting and Sound 3 Credits
This course will introduce students to basic lighting and sound principles and how those integrate into a theatrical performance. The main focus of the class will be analysis and application of lighting and sound equipment commonly used in live performance and how that equipment functions and is installed. The class will also touch on the design process, script analysis, and lighting color theory. These objectives will be achieved through in-depth lectures, class discussions, and hands-on demonstration sessions.

THE 216 Introduction to Scenic Construction 3 Credits
This course will expose students to reading construction drawings, construction techniques, generating material lists, problem-solving, and material and time management as related to scenic construction. A shop participation requirement will allow students to apply course objectives within a real-time production schedule and construction environment.

THE 219 Stage Management 3 Credits
Provide necessary tools to get started as a production stage manager (PSM), including management, leadership, communication and organzational skills. Providing guidelines to prepare production paperwork. Overview of the relationship between the PSM and other production personnel.
Prerequisite(s): THE 115.

THE 220 Movement for the Actor I 3 Credits
This course is an introduction to movement training methodologies, and emphasizes physical awareness and expressivity as it relates to development of character.
Prerequisite(s): THE 110, For Acting majors or by permission of the instructor.

THE 221 Voice for the Actor 1 3 Credits
Focuses on the exploration of the basic principles of vocal production and cultivating the natural expressivity of the voice. Classwork is based upon the classic progression of voice exercises of Kristin Linklater.
Prerequisite(s): THE 107 with a minimum grade of C; restricted to BFA in Acting for Film, Television and Theatre.

THE 222 Voice for the Actor 2 3 Credits
Focuses on the exploration of the International Phonetic Alphabet (IPA) and the use of the IPA in learning dialects (including Standard Neutral American) for the stage.
Prerequisite(s): THE 221.

THE 224 Stage Make Up 3 Credits
Basic application of make up artistry and techniques for the stage. How it can help build a character, and how to apply to self and others.

THE 226 Drafting for the Stage 3 Credits
Covers essential drafting language for staged productions. Drafting of ground plans, sections, elevations, and renderings by hand and with computers.
Prerequisite(s): THE 118.

THE 227 Properties and Scenic Painting 3 Credits
Covers general aspects of scenic painting and props for the stage. Hands on exercises, needs and challenges of each area, how work is usually accomplished in the professional world. Explore different textures, materials and how to combine them.
Prerequisite(s): THE 115 or THE 118.

THE 228 Projection Design 3 Credits
In this course students will learn the basics of video editing software and its application to the performing arts. It will provide them with a general understanding of the needs for projection design, visual possibilities, explore the reasons to use video or projection in a production and its most effective applications within theatrical production limitations.
Prerequisite(s): THE 115, THE 118.

THE 229 Movement for the Actor II 3 Credits
This course is a continuation of study in movement training methodologies (Alexander Technique, Viewpoints, Laban). It will emphasize developing physical awareness and expressiveness as it relates to the development of character work. It will also continue the further cultivation of awareness of habitual psycho-physical patterns that inhibit students in their professional development.
Prerequisite(s): THE 220, THE 221.

THE 240 Script Analysis 3 Credits
This course provides students with a technique for analyzing a theatrical script in terms of its theatrical requirements and aesthetic qualities. Students will use critical research and develop the abilities to write and speak clearly about dramatic literature, the requirements of production, and the experience of performance.
Prerequisite(s): THE 107 with a minimum grade of C.

THE 250 Introduction to Costume Construction 3 Credits
This course will introduce students to basic costume construction methods and alteration skills used by professional costume shops and costume houses to create theatrical costumes. Students will complete several projects, covering hand and machine sewing, cutting, fabric identification, and will also learn how to use home and commercial patterns to cut out garments and simple patterning and draping techniques. Students will also get practical experience by assisting the costume designer and/or shop manager in supporting the needs of the current productions and will have experience taking measurements, fitting and the alteration of actual costumes.

THE 260 History of Style and Decor 3 Credits
This class is a survey of elements, furnishings, decorative motifs and trends in architecture, decor and fashion, starting with prehistory and moving through the early part of the 21st century. It is intended to be a visual survey of the major “periods” of both decor and fashion and is intended to help theatre artists to develop an understanding of visual history.

THE 290 Production II 1 Credits
Students carry out an intermediate level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. Intermediate level technical theatre positions are supervisory positions or assistants to department heads which include, but not limited to, assistant to a designer, Stage Manager, Wardrobe Supervisor, and Master Carpenter.
Prerequisite(s): SO standing; 3 credits of THE 190.

THE 300 Acting for the Camera 3 Credits
Focuses on the craft and artistry of acting in television and film. Examination of TV production and the styles needed for work in various media will be discussed. Physicalization, simplicity, listening, marking and other technical requirements will be explored. Staging involving different camera angles will be rehearsed. The emphasis of this class is on adapting the performance to the special needs of the camera.
Prerequisite(s): THE 107.

THE 308 Modern Drama 3 Credits
Surveys American and European drama from 1920 to 1970. All plays are read in English translation. In these plays, theatrical artists address the great themes of this century. While doing so, they also expand the limits of theatrical expression.

THE 310 Acting III 3 Credits
Students will study in-depth techniques for exploring characterization. They will be introduced to the “magic if” and study techniques for placing themselves in the circumstances of the characters they are portraying. They will learn the interior and exterior analysis of characters using “Adler” and “Practical Aesthetics” techniques.
Prerequisite(s): THE 107, THE 110.

THE 311 Acting IV 3 Credits
Students will learn and practice performance techniques that explore a variety of theatrical styles, primarily focused on styles that have a heightened form and/or language.
Prerequisite(s): THE 310.

THE 312 The Arts Abroad 1-3 Credits
A short-term trip abroad that includes a critical study of local & regional arts and culture. Students are required to attend all performances, guided tours, and classes before and after the trip. A travel fee is required. Travel sites and artistic disciplines may vary year to year. May be taken more than once for credit.
Prerequisite(s): Permission of instructor.

THE 313 Voice for the Actor 3 3 Credits
Actors continue their study of vocal progression with Kristen Linklater and the speech work of Patsy Rodenberg, Edith Skinner and Louis Colaianni to develop physical freedom, energy, and expressivity. Advanced diagnostic work of students' voice and speech habits are explored in relationship to work with contemporary, heightened, and stylized texts.
Prerequisite(s): THE 222.

THE 314 Advanced Voice and Speech for the Actor II 3 Credits
Continuing from THE 313, actors apply advanced principles of vocal production and speech work to contemporary, heightened and stylized texts.
Prerequisite(s): THE 313.

THE 315 Acting for the Camera 2 3 Credits
This course is a continuation of the study of acting for the camera.
Prerequisite(s): THE 300.

THE 317 Scenic Design 3 Credits
The study and application of design principles as related to the stage. Incorporates the design process, decor research, styles, materials, and construction technology.
Prerequisite(s): THE 118.

THE 318 Stage Lighting Design 3 Credits
The theory and practice of stage lighting as utilized in concept, dance, and theatre. Considers the nature of light, controlling light, color theory, electricity, electrical safety, and lighting design.
Prerequisite(s): THE 115 or THE 118.

THE 319 Costume Design 3 Credits
Introduction to tasks, skills and expertise of costume design and costuming techniques, relationship with other creative production and cast members. Students will create sketches and develop basic construction plans. Develop familiarity with fabrics, patterns, common challenges in costume design.
Prerequisite(s): THE 115 (for other Theatre majors) or THE 118 (for Design and Technology majors).

THE 325 Sound Design 3 Credits
Introduction to sound design and its diverse use and practice for the staged productions, e.g. plays, musicals, operas and dance.
Prerequisite(s): THE 115.

THE 329 Movement for the Actor III 3 Credits
This course is a continuation of study in movement training methodologies focusing on continued development of expressivity, ease, dynamics and authenticity in character development.
Prerequisite(s): THE 229.

THE 390 Production III 1 Credits
Students carry out an advanced level technical theatre crew position for one or more theatre, musical theatre, or dance productions during the semester of course registration. These positions include, but are not limited to, Designer, Production Stage Manager, Props Master, and Technical Director. This course may be taken up to three times for credit.
Prerequisite(s): JR or SR standing; 2 credits of THE 290 and related management/design course or permission of Instructor.

THE 400 Directing for the Stage I 3 Credits
The technique of play directing and production management. Lectures present aesthetic and theoretical concepts that are explored in workshops.
Prerequisite(s): THE 107, THE 115.

THE 401 Directing for the Stage II 3 Credits
This course is designed to provide students with an opportunity to practice and discuss the art of directing, building upon the fundamentals of directing studied in THE 400: Directing I. Further exploration of directing challenges and application of artistic vision is accomplished through the direction of scenes and short scripts.
Prerequisite(s): THE 400.

THE 410 Advanced Performance Workshop 3 Credits
An opportunity to work an entire semester on a specific style or period of theatre, e.g., Shakespeare, farce, Readers' Theater.
Prerequisite(s): THE 107, THE 110.

THE 411 Advanced Performance Online Workshop 3 Credits
An opportunity to work an entire term on a specific style or period of theatre that is most conducive to online instruction.
Prerequisite(s): THE 107, THE 110.

THE 450 NY Experience: Professional Audition Technique and the Business of Acting 3 Credits
Students engage weekly with New York professionals to learn the business of acting and strategies for successful auditions in the NY Film, Television and Theatre industry. Students will participate in mock auditions with casting directors and theatre and on camera directors to refine audition skills. Travel costs to New York are the responsibility of the student.

THE 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 Credits. Approval of the faculty sponsor, department chair, and dean required prior to enrollment.
Prerequisite(s): junior or senior standing, good academic standing.

THE 491 Internship in Theater 1-12 Credits
Provides junior or senior theatre majors the practical experience of working within a professional theater environment. Students must be sponsored by a theatre professor. For each academic credit, interns must work 48 hours for the semester, or approximately 3.7 hours each week.
Prerequisite(s): permission of instructor.

THE 493 Contemporary Theatre Ensemble 3 Credits
Contemporary Theatre Practice Majors will spend this seminar- style class exploring the myriad of positions that enable them to become true "theatre-makers" in the contemporary field, and will participate in at least one campus production.
Prerequisite(s): THE 190.

THE 495 Selected Topics in Theatre History 3 Credits
Intensive study of a particular topic in the theatre world not typically covered in other courses.

THE 496 Senior Internship 6-12 Credits

THE 497 Theatre Senior Showcase 1 Credits
This course is a senior level experience for BFA acting students, and acts as a bridge between life in the university and life as a professional actor. Through this course the students will, in collaboration with the teacher, compile and put together a showcase to introduce the students to casting and agent professionals in the industry by way of getting the showcase performance in front of a diverse range of industry professionals who will be useful in both casting and representing recently graduated talent.

THE 498 Senior Capstone 3 Credits
The senior capstone is intended for technical theatre students in their final year. Depending on the required abilities, students will be able to design sets, lights, costumes, props or sound for a mainstage show at Rider University, do research on topics related to technical Theatre, internships outside Rider University or work on projects that will improve the use of facilities, storage or equipment for Theater and Dance Department.

THE 499 Senior Honors Program 3 Credits
A senior honors program may be submitted in partial fulfillment of requirements for graduation with honors in fine arts. Honors work is limited to those departmental majors with a GPA of 3.5 in fine arts courses and cognates. The program, to be planned under the direction of a faculty advisor, will represent a culmination of demonstrated excellence in a specific area of fine arts. Candidates for honors in fine arts must be approved by the department chairperson and the faculty.

Voice (VC)

VC 001R Student Recital 0 Credits
25 Minute Student Recital.

VC 001S Applied Voice Studio 0 Credits

VC 002R Student Recital 0 Credits
45-60 Minute Student Recital.

VC 103 Voice Secondary 1 Credits

VC 114 Introduction to Lyric Diction 2 Credits
Introduction to the International Phonetic Alphabet (IPA) and the sounds of all major sung languages through oral and written drill. Open to Voice Performance majors only.

VC 115 English & Italian Diction 2 Credits
Introduction to the rules of singing English and Italian through the use of the International Phonetic Alphabet (IPA) with oral and written drill.

VC 116 French & German Diction 2 Credits
Introduction to the rules of singing French and German through the use of the International Phonetic Alphabet (IPA) with oral and written drill.
Prerequisite(s): VC 115.

VC 118 Italian Diction 2 Credits
Introduction to the rules for singing Italian through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 119 French Diction 2 Credits
Introduction to the rules for singing French through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 120 German Diction 2 Credits
Introduction to the rules for singing German through the use of the International Phonetic Alphabet (IPA), with oral and written drill. Open to Voice Performance majors only.
Prerequisite(s): VC 114.

VC 168A Applied Voice 2 Credits
One-hour, 2-credit required lesson. Included in tuition – no extra charge.

VC 168B Applied Voice 1 Credits
Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

VC 168C Applied Voice 2 Credits
One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

VC 168D Applied Voice 1 Credits
Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

VC 168E Applied Voice 2 Credits
Part-time students: One-hour, 2-credit required or elective lesson – fee charged per semester.

VC 168F Applied Voice 1 Credits
Part-time Students: Half-hour, 1-credit required or elective lesson – fee charged per semester.

VC 168G Applied Voice 2 Credits
One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

VC 191 Movement for the Performer 2 Credits
Movement exercises and etudes help students develop proper alignment, physical freedom, unification of voice, breath, and body, and help them explore the body as an expressive instrument.

VC 201C Voice Primary 2 Credits

VC 203 Voice Secondary 1 Credits

VC 291 The Singing Actor 2 Credits
The introduction to vocal performance entails coaching of selected songs, arias or repertoire from music theater and techniques for performance preparation through intensive research. A final written project involves a musical and dramatic analysis of all chosen repertoire.
Prerequisite(s): successful completion of Level I voice jury.

VC 305 Singing in Italian and French 2 Credits
Master class and private coaching in vocal performance of Italian and French language song, recitative and opera arias. The class will focus on pronunciation, inflection and nuances of sung Italian and French.
Prerequisite(s): Successful completion of Level I jury; VC 118, VC 119.

VC 306 Singing in German and English 2 Credits
Master class and private coaching in vocal performance of German and English language song, recitative and opera arias. The class will focus on pronunciation, inflection and nuances of sung German and English.
Prerequisite(s): Successful completion of Level I Jury; VC 120.

VC 401C Voice Elective 2 Credits

VC 408 Voice Science 3 Credits
Study of the physics and physiology of voice production. Musical and vocal acoustics are explored using the facilities of the Westminster Voice Laboratory. Anatomic and physiologic underpinnings of respiration, phonation, articulation, registration and hearing are explored in depth.

VC 433 Song Literature I 2 Credits
A survey of solo literature for voice and accompanying instrument including solo vocal music of the Baroque period and German lieder.
Prerequisite(s): MH 248.

VC 434 Song Literature II 2 Credits
A survey of solo literature for voice and accompanying instrument including French mélodie, songs by nationalist composers, English and American song.
Prerequisite(s): MH 248.

VC 457 Private Coaching 2 Credits
Individual coaching sessions for singers on musical style, interpretation, ensemble, languages, and presentation. Registration for VC 457 involves weekly hour-length lessons and a fee of $1,200. Registration for VC 458 involves weekly half-hour lessons and a fee of $600. May be repeated for credit.
Prerequisite(s): successful completion of Level II.

VC 458 Private Coaching 1 Credits
Individual coaching sessions for singers on musical style, interpretation, ensemble, languages, and presentation. Registration for VC 457 involves weekly hour-length lessons and a fee of $1,200. Registration for VC 458 involves weekly half-hour lessons and a fee of $600. May be repeated for credit.
Prerequisite(s): successful completion of Level II.

VC 467 Private Dramatic/Role Coaching 2 Credits
Individual dramatic coaching sessions for singers on operatic role study and/or audition preparation. Students will provide their own accompanists as needed. Registration for VC 467 involves weekly hour-length lessons and a fee of $1,200. Registration for VC 468 involves weekly half-hour lessons and a fee of $600. May be repeated for credit.
Prerequisite(s): successful completion of Level II.

VC 468 Private Dramatic/Role Coaching 1 Credits
Individual dramatic coaching sessions for singers on operatic role study and/or audition preparation. Students will provide their own accompanists as needed. Registration for VC 467 involves weekly hour-length lessons and a fee of $1,200. Registration for VC 468 involves weekly half-hour lessons and a fee of $600. May be repeated for credit.
Prerequisite(s): successful completion of Level II.

VC 490 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-4 credit hours. Students may count up to a maximum of 18 independent study hours toward graduation. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): junior or senior standing.

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GRADUATE

Rider University's Vision and Mission

Rider's Vision

Rider University will be a premier, forward-looking university known for its Engaged Learning Program that, together with dynamic academic programs, enriching co-curricular experiences and a vibrant living and learning community, challenges students, excites their imaginations and instills in them excellence in thought and action, preparing them for highly engaged and fulfilling professional and personal lives.

Rider's Mission

Rider University welcomes students from throughout the region, across the nation, and around the world who seek to be challenged and supported as active members of our inclusive and vibrant living and learning community. Committed to student growth, transformation and leadership, we connect rigorous academic, artistic and professional programs of study with a rich array of learning experiences that engage students inside and outside the classroom. We prepare graduates to thrive professionally and to be lifelong independent learners and responsible citizens who embrace diversity, support the common good, and contribute meaningfully to the changing world in which they live and work.

Our students, alumni, faculty, staff and administrators live the **RIDER PROMISE** by being forever:

P - prepared to contribute meaningfully to the changing world in which they live and work

R - respectful of all people, rights, freedoms and individual differences

O - open to a life of independent learning

M - motivated to be responsible citizens who support the common good

I - innovative, creative and resourceful

S - skilled and thriving professionals, educators, artists and performers

E - engaged in their communities as leaders and role models

Accreditations

Rider University is regionally accredited by the Middle States Commission on Higher Education (https://www.msche.org/).

The University also holds many specialized accreditations that attest to the quality of its academic programs. Rider is among the select business schools to have attained AACSB International (https://www.aacsb.edu/) (Association to Advance Collegiate Schools of Business) accreditation in both Business and Accounting. Education programs are accredited by the Council for the Accreditation of Educator Preparation (http://caepnet.org/) (CAEP). Rider's graduate counseling programs in the College of Education and Human Services hold the Council for Accreditation of Counseling and Related Education Programs (https://www.cacrep.org/) (CACREP) national accreditation, and its school psychology program holds the National Association of School Psychologists (https://www.nasponline.org/) (NASP) accreditation. Rider's B.S. in Chemistry program is approved by the Committee on the Professional Training of the American Chemical Society (https://www.acs.org/content/acs/en/about/governance/committees/training.html).

Rider University is a member of the National Collegiate Athletic Association (http://www.ncaa.org/) (NCAA) for both men's and women's athletics. The University offers 21 NCAA Division I sports—10 men's and 11 women's. Rider is a member of the Metro Atlantic Athletic Conference (https://maacsports.com/) (MAAC) for most sports while wrestling competes in the Mid-American Conference (https://getsomemaction.com/news/2019/3/4/mac-announces-historic-wrestling-expansion.aspx) (MAC) and field hockey competes in the Northeast Conference (https://northeastconference.org/?path=fhockey) (NEC).

Notice of the Title IX Coordinator

As a community of educators and learners, Rider University is committed to fostering an environment dedicated to learning and mutual respect as reflected in the University's mission, Statement of Community Values, Anti-Harassment and Non-Discrimination Policy and Title IX. All students, faculty, administrators and staff at the University have the right to expect an environment that allows them to enjoy the full benefits of their learning or work experience. The University, therefore, does not condone violations of its Anti-Harassment and Non-Discrimination Policy and treats all allegations about violations very seriously. As outlined in the Anti-Harassment and Non-Discrimination Policy (https://www.rider.edu/about/consumer-information/handbooks-policies/ahnd/), the University prohibits all forms of discrimination, harassment, sexual assault, sexual misconduct, sexual harassment, dating violence, domestic violence and stalking.

Rider University adheres to all federal, state, and local civil rights laws prohibiting discrimination in education and employment. Rider University does not discriminate in its admissions practices, in its employment practices, or in its educational programs or activities on the basis of race, sex/gender, religion, national origin, or other protected class status. As a recipient of federal financial assistance for education activities, Rider University is required by Title IX of the Education Amendments of 1972 to ensure that all of its education programs and activities do not discriminate on the basis of sex/gender.

For questions or concerns regarding these policies, or to report a violation of policy, please contact the Office of Title IX and Equal Opportunity Compliance:

Debbie Stasolla
Vice President for Strategic Initiatives and Planning
Title IX Coordinator
Moore Library #111
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dstasolla@rider.edu

Ryan D. McKinney
Director of Title IX & Equal Opportunity Compliance
Moore Library, Rm. 110
609-895-5698
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Affirmative Action

Rider University is an Equal Opportunity and Affirmative Action Employer. The Affirmative Action Officer is the resource available to anyone seeking additional information or wishing to file a complaint related to Affirmative Action and discrimination on the basis of race, creed, color, religion,

handicap/disability, gender, age, marital status, sexual orientation or national origin.

Rider University's Affirmative Action Plan can be found here: https://www.rider.edu/sites/default/files/2023-05/HR_affirmative_action_plan2023.pdf

For questions or concerns about this policy please contact the Affirmative Action Officer:

Robert A. Stoto
Vice President of Human Resources and Affirmative Action Officer
Moore Library, Rm. 108
609-895-5683
rstoto@rider.edu

Graduate Colleges and Schools

- Norm Brodsky College of Business (p. 1330)
- College of Education and Human Services (p. 1369)
- College of Arts and Sciences (p. 1457)
  - School of Communication, Media and Performing Arts
  - School of Humanities and Social Sciences
  - School of Science, Technology and Mathematics
  - School of Westminster Choir College

Norm Brodsky College of Business

The Norm Brodsky College of Business seeks to develop in students the skills needed to perform effectively in a variety of organizational settings—small business, multinational corporations, service industry, not-for-profits, family companies, government, or Wall Street—depending upon the student's interests and goals. Each graduate degree program is designed to provide an educational experience for the whole person by combining theory and practice. Since most of the students in our degree programs are employed in professional or managerial positions, they bring a wealth of business experience to share with their peers as part of the networking and learning process.

Mission Statement

The mission of Rider University's Norm Brodsky College of Business is to provide a dynamic and innovative integrated business education within a strong community of learners, faculty teacher-scholars, and professional partners. With emphases on engaged learning, personal attention, and interaction with industry, our students are prepared to be productive, confident, and socially responsible contributors in their careers and the rapidly changing global marketplace.

Professional Accreditation

Rider University's Norm Brodsky College of Business graduate and undergraduate programs are accredited by AACSB International – The Association to Advance Collegiate Schools of Business. The initial accreditation was achieved in 1993 and reaffirmed regularly thereafter. In addition, the accounting program was further recognized for excellence with AACSB International Accounting Accreditation in 2000 and also is reaffirmed on a regular basis.

Faculty

Courses are taught in small sections, usually by full-time faculty holding doctorates. Faculty members are engaged in research in their fields, and many have relevant business experience as well. Adjunct faculty come to Rider from the ranks of executives from major corporations and thought leaders in business and service organizations.

Graduate Degree Programs and Certificate Summary

Introduction

The Norm Brodsky College of Business offers five degree programs and four certificate programs that provide individuals seeking a graduate degree in business or accounting with options to fit their career goals. The various programs offer students the flexibility to balance school with ongoing professional and life demands. Whether a student is a full-time professional wanting to complete the degree on a part-time basis or is looking to pursue a degree on a full-time basis, there is a program and a mode of delivery to suit every student's needs.

The Master of Accountancy (MAcc)

The MAcc program prepares individuals for a flexible career path and, ultimately, leadership positions in the accounting profession. Those students who wish to pursue a career in public accounting will develop specialized technical competencies to meet the 150 credit-hour requirement for licensure. Accounting career paths in corporate, financial or governmental sectors are facilitated through the core curriculum and specialized elective courses. The comprehensive curriculum focuses on the development of analytical and professional skills necessary for success in today's global business environment. Learn more by visiting the Master of Accountancy (p. 1342)page in this catalog.

Students have the option to pursue a dual degree combining the MAcc and the Master of Science in Information Systems within the Norm Brodsky College of Business. Our dual degree offering allows students to earn both degrees with fewer total credits than if earning the degrees separately. Learn more by visiting the MAcc/MS Dual Degrees (p. 1338) page in the catalog.

Please see the MAcc website at www.rider.edu/macc (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate-programs/master-of-accountancy/) for up-to-date information on the program and faculty.

The Online Master of Accountancy (OL MAcc)

Similar to the on-campus MAcc, the Online MAcc program prepares individuals for a range of careers in the accounting profession, using the online educational format. Students may enter the Online MAcc in one of six start dates and follow a structured progression of courses, earning the same graduate degree as our on-campus Master of Accountancy. An online orientation is required for all students entering the program. Learn more by visiting the Online Master of Accountancy (p. 1355) page in this catalog.

Please see the Online MAcc website at www.rider.edu/onlinemacc (https://online.rider.edu/online-masters-degrees/masters-accountancy/?Access_Code=RDU-MACC-SEO2&utm_campaign=RDU-MACC-SEO2) for up-to-date information on the program and faculty.

The Master of Business Administration (MBA)

The MBA program prepares individuals for career advancement as business professionals, managers and leaders of organizations. Structured around contemporary business knowledge and the development of strong analytical and leadership skills, Rider has developed a forward-looking MBA program built on a long tradition of business education excellence. The curriculum provides a distinctive

and effective business learning environment that emphasizes advanced business theory, interpersonal and communication skills, cross-functional integration of business theory and practice, and the ability to manage in a changing environment. Learn more by visiting the Master of Business Administration (p. 1345) page in this catalog.

Students have the option to pursue a dual degree combining the MBA and the Master of Science in Information Systems degree within the Norm Brodsky College of Business. Our dual degree offering allows students to earn both degrees with fewer total credits than if earning the degrees separately. Learn more by visiting the MBA/MS Dual Degree (p. 1334) page in the catalog.

Please see the MBA website at www.rider.edu/mba (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate-programs/mba-master-of-business-administration/) for up-to-date information on the program and faculty.

The Online Master of Business Administration (OL MBA)

The Online MBA program prepares individuals for career advancement as business professionals, managers and leaders of organizations, offering the same high-quality graduate degree as our on-campus MBA, but in a flexible, online educational format. An online orientation is required for all students entering the program. Learn more by visiting the Online Master of Business Administration (p. 1357) page in this catalog.

Please see the Online MBA website at www.rider.edu/onlinemba (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate/online-mba/) for up-to-date information on the program and faculty.

The Master of Science in Information Systems

The Master of Science in Information Systems is a STEM designated degree that provides students with a strong foundation in information technology and organizational leadership, followed by electives personalized to each student's career goals. The mission is to graduate a new class of information and business leaders ready to rise as CTO/CIOs and other senior information management roles. The program begins with a core foundation of management, information technology, and analytics, followed by in-depth investigations into the relationship between technology systems and high-level business strategies.
The curriculum offers universal skills for students from all over the world at our convenient central New Jersey campus. Students will graduate with a deep and profound understanding of information systems for businesses -- and how to execute innovative strategies in their own work. Learn more by visiting the Master of Science in Information Systems (p. 1351) page in this catalog.

Students have the option to pursue a dual degree combining the Master of Science in Information Systems and the MBA or MAcc. Our dual degree offerings allow students to earn both degrees with fewer total credits than if earning the degrees separately. Learn more by visiting the MBA/MS Dual Degrees (p. 1338) and MAcc/MS Dual Degree pages in the catalog.

Please see the MS in Information Systems website at www.rider.edu/infosystems (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate-programs/master-science-information-systems/) for up-to-date information on the program and faculty.

Business Analytics Graduate Certificate Program

The Graduate Certificate Program in Business Analytics has been developed in response to the overwhelming demand from corporations and organizations for employees with skills and knowledge of technologies, applications and processes to analyze data in order to better inform the decisions of the organization. This skill set is applicable in all aspects of business including finance, marketing, accounting and operations. This program is designed for people with limited background in statistics and business analytics. Learn more by visiting the Business Analytics Graduate Certificate Program (p. 1332) page in this catalog.

Please see the Business Analytics Graduate Certificate Program website at www.rider.edu/businessanalytics (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate-programs/business-analytics-certificate/) for unique admission requirements, program schedules and other relevant information.

Forensic Accounting Graduate Certificate Program

The Graduate Certificate Program in Forensic Accounting is designed to meet the needs of businesses and organizations who know they must make the detection, prevention and prosecution of financial fraud a priority. There has been a tremendous increase in demand for employees with skills and knowledge of technologies, applications and processes to analyze data in order to better inform the decisions of the organization. Career opportunities in forensic investigation include positions in the government, public accounting, insurance, law, business and non-profit sectors. Students acquire the skills to identify, collect and examine evidence for accounting fraud and abuse. Learn more by visiting the Forensic Accounting Graduate Certificate Program (p. 1334) page in this catalog.

Please see the Forensic Accounting Graduate Certificate Program website at www.rider.edu/forensicacct (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate-programs/forensic-accounting-graduate-certificate-program/) for unique admission requirements, program schedules and other relevant information.

Sport Management Graduate Certificate Program

The Graduate Certificate Program in Sport Management is designed to provide students with an edge to enter into or enhance their current business careers in the continually growing sport industry, deemed one of the most challenging industries to break into. The curriculum develops a student's breadth of knowledge on sport management business ideologies, as well as their ability to apply these concepts to the sport business industry to become effective leaders and decision makers in this unique field. Learn more by visiting the Sport Management Graduate Certificate Program (p. 1363) page in this catalog.

Please see the Sport Management Graduate Certificate Program website at https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/certificates/sport-management-certificate (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/certificates/sport-management-certificate/) for unique admission requirements, program schedules and other relevant information.

Online Post-Baccalaureate Accounting Certificate Program

The Online Post-Baccalaureate Accounting Certificate provides individuals with an undergraduate degree the opportunity to enhance

skill sets related to practical knowledge in the field of accounting. Coursework in the program offers the opportunity to learn accounting theory and practice, and to supplement that knowledge with courses in disciplines of your choosing, including tax, decision-making, cost management, financial statements and reporting, and others. The online program offers two tracks: the Professional Accounting Track and the CPA Track. Learn more by visiting the Online Post-Baccalaureate Accounting Certificate Program (p. 1361).

Please see the Online Post Baccalaureate Accounting Certificate Program website at https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/certificates/postbacc-accounting-certificate (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/certificates/postbacc-accounting-certificate/) for unique admission requirements, program schedules and other relevant information.

Programs and Certificates

Norm Brodsky College of Business

Program	Degree	Certificate	Concentration
Business Analytics Graduate Certificate (p. 1332)		✓	
Concentrations for MBA and MACC Students (p. 1334)			✓
Dual Degrees (p. 1338)	✓		
Forensic Accounting Graduate Certificate (p. 1341)		✓	
Master of Accountancy (p. 1342)	✓		
Master of Business Administration (p. 1345)	✓		
Master of Science in Information Systems (p. 1351)	✓		
Online Master of Accountancy (p. 1355)	✓		
Online Master of Business Administration (p. 1357)	✓		
Post-Baccalaureate Accounting Certificate (p. 1361)		✓	
Sport Management Graduate Certificate (p. 1363)		✓	

Business Analytics Graduate Certificate Program

Program Overview

Rider's Graduate Certificate program in Business Analytics helps business professionals, with no prior background in statistics or business analytics, to develop the skills and gain the knowledge of the technologies, applications and processes used by organizations to analyze data and drive their decision making across all aspects of business.

Redesigned with the valuable input of executives in the analytics field, this certificate takes a hands-on, business approach to analytics and exposes students to a variety of software from Tableau and Excel to Rapidminer and Python.

Curriculum Overview

The Business Analytics Graduate Certificate consists of 15 graduate credits that can be completed in one year on a part-time basis. The classes are highly applied in nature, integrating project-based learning, simulations, and case studies. Students learn both the technical and management sides of business analytics to harness the power of this critical tool in both operational and strategic decision making. There is one foundation course in statistics (PMBA 8051) which must be satisfied before starting on the core of the certificate.

Completion of the Certificate

To complete this certificate program, students must meet the following requirements:

- Overall GPA of 3.0 in the Business Analytics Certificate Program; and,
- Cannot have any grades below a "C".

Current MAcc, MBA or MS-IS students at Rider

Current grad business students can work the Business Analytics Graduate Certificate Program into their graduate degree program. Please contact the dean's office to plan how the Business Analytics Graduate Certificate will fit into your graduate program.

Certificate Awarded:

- Business Analytics Graduate Certificate

Contact

Dr. Emre Yetgin
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Sweigart Hall
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Program Website: Business Analytics

Associated Department: Norm Brodsky College of Business, Graduate Programs (http://www.rider.edu/academics/colleges-schools/college-business-administration/graduate-business-programs/)

Business Analytics Graduate Certificate Program Requirements

(15 credits)

Foundation Course for the Program

Students must demonstrate proficiency in statistics by satisfying ONE of the following conditions before they can move into the main requirements of the program:

- Earn a grade of "B" or better in course work equivalent to Rider's MSD 205 Business Statistics and BDA 201 Introduction to Business Analytics at an accredited four-year institution within six years prior to the semester admitted; OR
- Complete PMBA 8051 Fundamentals of Statistical Analysis with a grade of "B" or better; OR
- Take the proficiency exam for PMBA 8051 and pass with a grade of 80% or better. Student must have approval from the Dean's Office in order to use this option.

Core Curriculum

Code	Title	Credits
PMBA 8351	Business Analytics Fundamentals [1]	3
PMBA 8312	Business Intelligence Tech-Data Mining	3
PMBA 8317	Applied Data Management for Business Users	3
PMBA 8355	Visual Analytics [2]	3
PMBA 8358	Data-Driven Strategies for Business	3
Total Credits		**15**

1

PMBA 8351 is a prerequisite for PMBA 8355 and PMBA 8358.

2

PMBA 8355 is waived for students who have taken BDA 205 or equivalent in which case a substitution will be made using another PMBA class approved by the department.

Certificate Completion

To complete the BA Certificate Program, students must meet the following requirements:

- Overall GPA of 3.0 in the Business Analytics Certificate Program;
- Cannot have any grades below a "C".

Business Analytics Graduate Certificate Program Policies

Admission

To be admitted to the Business Analytics Graduate Certificate Program , students must meet the following requirement:

Completion of at least a bachelor's degree or equivalent from an accredited institution of higher learning with a GPA of 3.0 or better.

Certificate Completion

To complete the BA Certificate Program, students must meet the following requirements:

- Overall GPA of 3.0 in the Business Analytics Certificate Program;
- Cannot have any grades below at "C".

Courses and Descriptions

PMBA 8051 Fundamentals of Statistical Analysis 3 Credits
Covers basic statistical techniques useful in business decision making. Includes descriptive statistics, event probability, random variables, sampling distributions, regression analysis and topics in statistical inference.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

PMBA 8317 Applied Data Management for Business Users 3 Credits
Learn the benefits of data sharing in a business organization , the benefits of the relational database model, how data is structured in a relational database model, and how data can be accessed in a relational database using the structured query language (SQL). The process of formatting, loading, and accessing data for data analytics will be shown as well as the interaction with data warehouse schemas such as the star schema and snowflake scheme.

PMBA 8351 Business Analytics Fundamentals 3 Credits
This course introduces (i) data analysis tools that are appropriate for generating useful information for decision-making and (ii) a framework for analyzing decisions based on partial information. Examples from financial analysis, marketing, and operations management are used to illustrate applications of the topics covered. Microsoft Excel and associated add-ins are used for the purpose of analysis. Students who have earned credits for CIS 350 or equivalent cannot take PMBA 8351 for credit.
Prerequisite(s): PMBA 8051.

PMBA 8355 Visual Analytics 3 Credits
This graduate course will equip the students with the fundamental skills to perform visual analytics with Tableau. Specifically, students will learn how to prepare a dataset for visual analysis, and how to "tell a good story" using basic and advanced visualizations. At the completion of this course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience. Students who have earned credits for BDA 205 or equivalent cannot take PMBA 8355 for credit.
Prerequisite(s): PMBA 8351.

PMBA 8358 Data-Driven Strategies for Business 3 Credits
In this course, several real-world business problems will be presented as case studies for the application of descriptive, predictive, and prescriptive analytics. Relevant business areas for these problems include online recommendations, healthcare, sports management, marketing, and revenue management. Through these business case studies, students will (1) define a real-world problem in the context of business analytics (2) develop hands-on experience on implementing analytics methodologies (3) learn to derive and communicate insights from analytics results and (4) practice the formulation of data-driven strategies.
Prerequisite(s): PMBA 8051, PMBA 8351.

Concentrations for MBA and MACC Students

Concentrations Overview

The required courses in the MBA and MAcc provide a distinct and consistent advanced business knowledge and skill structure for all students in the programs. The electives allow the student to tailor the graduate educational experience to fit their individual needs by pursuing a specific concentration or strategically selecting different elective classes that enhance their overall professional skills.

Concentrations are comprised of three-course elective (nine credit hours) sequences selected from a menu of electives by either the functional area (**business analytics, finance, forensic accounting, information systems**) or interdisciplinary area (**sport management**.) Students in the online MAcc or MBA may have a limited selection of electives based on what is available in the online format.

Electives counted toward a concentration must carry a grade of "B" or better, and students must achieve a 3.2 GPA in those electives.

Contact

Dean's Office
Graduate Programs
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gradbusiness@rider.edu

Business Analytics Concentration (p. 1334)
Finance Concentration (p. 1334)
Forensic Accounting Concentration (p. 1334)
Information Systems Concentration (p. 1335)
Sport Management Concentration (p. 1335)

Business Analytics Concentration Requirements

Code	Title	Credits
Required course:		
PMBA 8351	Business Analytics Fundamentals [1, 2]	3
Select two of the following: [3]		**6**
PMBA 8312	Business Intelligence Tech-Data Mining	
PMBA 8317	Applied Data Management for Business Users	
PMBA 8355	Visual Analytics [4]	
PMBA 8358	Data-Driven Strategies for Business	
PMBA 8403	Sport Analytics	
Total Credits		**9**

1

This course may be waived for students who have had a similar course in their undergraduate program. It will be replaced with one of the other courses listed. This is determined on an individual basis. Please contact gradbusiness@rider.edu for more information.

2

PMBA 8051 or a waiver is required to take this class. MAcc students may use PMBA 8051 as an elective in their program to satisfy this requirement.

3

With five of the listed courses, a Business Analytics Graduate Certificate is possible. Refer to information on the Business Analytics Graduate Certificate Program (p. 1332).

4

PMBA 8355 is not an option for students who have taken BDA 205.

Finance Concentration Requirements

Code	Title	Credits
Select three of the following:		**9**
PMBA 8343	Investment Instruments and Strategies	
PMBA 8344	Financial Market Operations	
PMBA 8345	International Financial Management	
PMBA 8346	Financial Modeling	
PMBA 8347	Portfolio Management	
PMBA 8348	Fixed Income Securities and Alternative Investments	
PMBA 8349	Personal Financial Planning	
PMBA 8902	Independent Studies in Business Administration [1]	
Total Credits		**9**

1

ALL Independent Studies must be sponsored by a full-time faculty member and approved by the Associate Dean of the Norm Brodsky College of Business.

Forensic Accounting Concentration Requirements

Code	Title	Credits
Must complete two of the following:		
MACC 663	Fraud and Forensic Accounting	3
MACC 665	Fraud Detection and Deterrence	3
Select one of the following: [1]		3
MACC 662	Auditing Practice & Problems	
MACC 667	Business Valuations: Fundamentals, Techniques and Theory	
PMBA 8312	Business Intelligence Tech-Data Mining	
PMBA 8351	Business Analytics Fundamentals [2]	
Total Credits		**9**

1

With MAcc 667 AND PMBA 8312 OR PMBA 8351, a Forensic Accounting Graduate Certificate is possible. Refer to information on the Forensic Accounting Graduate Certificate Program.

2

The prerequisite for PMBA 8351 is PMBA 8051. Students who choose to take this class must either take PMBA 8051 or have it waived with previous coursework. Please email gradbusiness@rider.edu (http://catalog.rider.edu/graduate/colleges-schools/business-administration/programs-certificates/concentrations-mba-macc-emba/gradbusiness@rider.edu/) for more information.

Information Systems Concentration Requirements

Code	Title	Credits
Select three of the following:		**9**
PMBA 8311	Information Security for the Enterprise	
PMBA 8312	Business Intelligence Tech-Data Mining	
PMBA 8313	Electronic Commerce	
PMBA 8314	Project Management	
PMBA 8315	Globalization and Technology	
PMBA 8317	Applied Data Management for Business Users	
PMBA 8318	Business Analysis and Design	
PMBA 8352	Design Thinking and Innovation	
PMBA 8353	Digital Futures	
PMBA 8902	Independent Studies in Business Administration [1]	
Total Credits		**9**

1

ALL Independent Studies must be sponsored by a full-time faculty and approved by the Associate Dean in the Norm Brodsky College of Business.

Sport Management Concentration Requirements

Code	Title	Credits
Select three of the following:		**9**
PMBA 8402	The Business of Sports	
PMBA 8403	Sport Analytics	
PMBA 8404	Sports Marketing	
PMBA 8405	Legal and Ethical Issues in Sports	
PMBA 8902	Independent Studies in Business Administration	
PMBA 8905	Internship	
Total Credits		**9**

Courses and Descriptions

MACC 662 Auditing Practice & Problems 3 Credits
This course is an advanced course in auditing. The course examines current auditing issues, including professional ethics, internal control, risk assessment, data analytics, cybersecurity, other topics. Topics include basic principles of Generally Accepted Auditing Standards and PCAOB standards, the audit process from the stage of accepting an audit engagement to the stage of completion of the audit, various types of reports that are issued by independent auditors, legal liabilities of independent auditors, ethical responsibilities of auditors and current issues facing the auditing profession (e.g., litigation, auditor independence), role of various entities that influence the public accounting profession (e.g., PCAOB, AICPA, State Societies of CPAs, SEC, IRS) and other types of services (e.g., assurance services) that are provided by CPAs.A wide variety of teaching tools are employed including extensive use of case analysis, online lectures, videos, readings and data analytics software.
Prerequisite(s): ACC 400 or ACC 400P.

MACC 663 Fraud and Forensic Accounting 3 Credits
This course provides a background in all areas of forensic accounting including: fraudulent financial reporting and the detection of fraud, money laundering and transnational flows, courtroom procedures and litigation support, as well as cybercrime. A wide variety of teaching tools are employed including extensive use of the professional literature, case analysis, videos, role playing and text materials.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 665 Fraud Detection and Deterrence 3 Credits
This course explores contemporary forensic accounting topics pertaining to fraud examination, detection and deterrence. Topics include audit responsibility and reporting, professional judgment, quality control and developing effective policies in preventing and detecting economic crimes. Students will apply relevant fraud examination techniques to a variety of settings.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 667 Business Valuations: Fundamentals, Techniques and Theory 3 Credits
This course examines fundamentals of business valuations including basic, intermediate, and some advanced concepts and methodologies required by accounting and finance professionals in valuing a closely held (privately-owned) business where there is no market price.
Prerequisite(s): completion of PMBA 8040 and PMBA 8020 or the Preliminary Accounting Requirements.
Prerequisites: PMBA 8040 or VL12 with a score of WV AND PMBA 8020 or VL10 with a score of WV OR VL25 with a score of WV OR VL26 with a score of WV.

PMBA 8311 Information Security for the Enterprise 3 Credits
This course will teach students how businesses can implement security policies which will protect their significant investment in computer systems. The course topics include but are not limited to security attacks, attack prevention and mediation and security audits. Security devices, firewalls, PC and server security, authentication methods and procedures, and network security will all be discussed. The course will be delivered through a combination of hands-on labs where students will evaluate and implement computer security on computers, and class lectures.
Prerequisite(s): PMBA 8210.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

PMBA 8313 Electronic Commerce 3 Credits
Electronic commerce involves the use of information technology to improve, enhance, simplify or enable business transactions. This course examines such business, social, and technical issues of electronic commerce as the technology of the Internet, effective system strategies to attract and maintain customers, security, and electronic payment systems.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8314 Project Management 3 Credits
In our complex world of global economies and pervasive technology, change is constant. It is a persistent challenge to manage this change. It is the body of knowledge that is project management that helps managers address this change. This course will introduce students to project management for a variety of disciplines. The methods and techniques taught will be applicable not only to software development, but to any series of tasks that could constitute a project. The course content will cover the identification, approval, and management of complex projects. Various project management tools, techniques, and approaches will be covered.

PMBA 8315 Globalization and Technology 3 Credits
The emergence and growth of the global economy constitutes an epochal shift in the organization of the world. Technology has been a key component in the production and acceleration of these phenomena. This course introduces students to the latest theoretical and empirical literature on globalization as shaped by technology.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8317 Applied Data Management for Business Users 3 Credits
Learn the benefits of data sharing in a business organization , the benefits of the relational database model, how data is structured in a relational database model, and how data can be accessed in a relational database using the structured query language (SQL). The process of formatting, loading, and accessing data for data analytics will be shown as well as the interaction with data warehouse schemas such as the star schema and snowflake scheme.

PMBA 8318 Business Analysis and Design 3 Credits
This course will integrate the skills of business analysis with those of system design. Students will learn a dynamic visioning/planning process which will guide the development of a technology architecture model for the business enterprise. Students will learn requirements elicitation techniques and use cases. Design methods such as object modeling and prototyping and data modeling with enterprise relationship diagrams will also be covered.
Prerequisite(s): PMBA 8210.

PMBA 8343 Investment Instruments and Strategies 3 Credits
Principles of investment analysis and portfolio management. Includes analysis of stocks and fixed income securities, mutual funds, international investing, margin trading and short sales, convertibles, stock options and financial futures. Hedging strategies, market forecasting and tax advantaged investments are also discussed. Makes considerable use of problems to illustrate concepts.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8344 Financial Market Operations 3 Credits
Flow of funds analysis is used to study financial intermediation and interest rate determination in money and capital markets. Includes the flow of funds accounts, funds flow through financial institutions, the demands for and supply of credit by economic sectors, and the impact of public policies on financial market behavior.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8345 International Financial Management 3 Credits
The techniques of multinational financial management are developed for enterprises that do business in more than one country and/or have assets and liabilities denominated in more than one currency. The management of foreign exchange and country risks is applied to working capital, capital budgeting, and capital structure decisions.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8346 Financial Modeling 3 Credits
Spreadsheets are utilized to analyze problems and cases. Students receive instruction in computer use beyond that available in other finance courses. Spreadsheet applications include valuation models, cost of capital, capital budgeting, risk and return, portfolio analysis, stock market analysis, and options and futures.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8347 Portfolio Management 3 Credits
Real-world application of the concepts and techniques of investment analysis and portfolio theory. Students interact with and make recommendations to professional portfolio managers. Topics include stock valuation methods, major forces driving movements in current equity markets, international investment opportunities, industry analysis, technical analysis and investment timing, evaluation of portfolio performance, analysis of business conditions and interest rates, and hedging portfolio risk with stock index options and financial futures.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8348 Fixed Income Securities and Alternative Investments 3 Credits
This is an introductory course in fixed income securities and alternative investments. The first part of the course covers the markets for fixed income securities and their derivatives. Valuation of these securities and determination of the risk inherent in these securities are discussed. Methods for managing that risk, such as hedging and credit derivatives, are also discussed. The second part of the course covers a variety of alternative investments, including real estate funds, venture capital, hedge funds, and commodities. Valuation of these investments and determination of their risk are discussed.
Prerequisite(s): Completion of PMBA 8040 or any MAcc student with PMBA 8020 completed.

PMBA 8349 Personal Financial Planning 3 Credits
This course provides a background and an appreciation of the fundamental concepts and processes associated with Personal Financial Management. Various technical elements that are part of the study for a Certified Financial Planner certification will be covered including risk management, investments, tax planning, retirement planning, employee benefits, and estate planning.
Prerequisite(s): Completion of PMBA 8040 or any MAcc student with PMBA 8020 completed.

PMBA 8351 Business Analytics Fundamentals 3 Credits
This course introduces (i) data analysis tools that are appropriate for generating useful information for decision-making and (ii) a framework for analyzing decisions based on partial information. Examples from financial analysis, marketing, and operations management are used to illustrate applications of the topics covered. Microsoft Excel and associated add-ins are used for the purpose of analysis. Students who have earned credits for CIS 350 or equivalent cannot take PMBA 8351 for credit.
Prerequisite(s): PMBA 8051.

PMBA 8352 Design Thinking and Innovation 3 Credits
This graduate course on Design Thinking and Innovation provides students with a framework for dealing with unstructured problems, and for managing the innovation process. This course introduces students to design thinking as a systematic approach to innovation, but also guide students through the process to identify and translate broadly defined opportunities into actionable innovation possibilities. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): PMBA 8210.

PMBA 8353 Digital Futures 3 Credits
This course is a holistic course drawing on all areas of Information Technology. It leverages the in-depth understanding of Technology that MSIS students possess and transforms such knowledge into a new skill set of strategic leadership development at the level of the firm, economy and society. It will enable the student to assess and respond to challenges in their current work environment as well as develop strategic leadership capacity going into the future. Case studies and readings will familiarize students with literature on rapid technology-led transformations such as Schumpeterian theories of 'creative destruction' and derivative theories of technological restructuring at the scale of an industry such as disruptive technology/innovation. Students will be engaged in a discussion of multi-firm cases of strategic innovation and will examine policy decisions by the firm and various ethical dilemmas engendered by technological changes of the last four decades.
Prerequisites: PMBA 8210.

PMBA 8355 Visual Analytics 3 Credits
This graduate course will equip the students with the fundamental skills to perform visual analytics with Tableau. Specifically, students will learn how to prepare a dataset for visual analysis, and how to "tell a good story" using basic and advanced visualizations. At the completion of this course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience. Students who have earned credits for BDA 205 or equivalent cannot take PMBA 8355 for credit.
Prerequisite(s): PMBA 8351.

PMBA 8358 Data-Driven Strategies for Business 3 Credits
In this course, several real-world business problems will be presented as case studies for the application of descriptive, predictive, and prescriptive analytics. Relevant business areas for these problems include online recommendations, healthcare, sports management, marketing, and revenue management. Through these business case studies, students will (1) define a real-world problem in the context of business analytics (2) develop hands-on experience on implementing analytics methodologies (3) learn to derive and communicate insights from analytics results and (4) practice the formulation of data-driven strategies.
Prerequisite(s): PMBA 8051, PMBA 8351.

PMBA 8402 The Business of Sports 3 Credits
This course examines diverse managerial issues involving the sports industry. The course covers topics at the league level, the team level, the athlete-agent level, and the college level. The constituencies with interests in sports issues such as athletes, fans, media, companies, advertisers, and legislators are discussed along with global aspects of sports enterprises. Valuation issues related to sports teams are also covered. The course is designed to integrate all aspects of businesses as they apply to sports with an emphasis on strategy, management, marketing, and finance.

PMBA 8403 Sport Analytics 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of hands-on labs, a data project, a research project, quizzes, and online discussions. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports. This course assumes a basic level of skill working with Microsoft Excel.
Prerequisite(s): PMBA 8051 or waiver.

PMBA 8404 Sports Marketing 3 Credits
This course explores the complex and diverse nature of sports marketing. It applies fundamental marketing concepts to the sports industry, including the marketing mix, consumer behavior, marketing research, segmentation analysis, and assessment of marketing programs specific to sports. Guidelines for the formulation of marketing plans and strategies will be included. Trends, issues, and problems influencing the industry will also be examined. Discussions cover professional, collegiate, non-profit, and other areas of the sport industry.

PMBA 8405 Legal and Ethical Issues in Sports 3 Credits
The purpose of the course is to familiarize the students with the business of sports and various issues related to sports management. Legal, ethical, economic, social and managerial issues related to sports will be addressed. Sports law issues which will be covered include tort law, contract law, employment discrimination, antitrust law and constitutional law. Also covered will be the structures and authority of the organizations involved in amateur and professional athletics.

PMBA 8905 Internship 1-3 Credits
In order to supplement in-class learning with practical training, an internship may be taken for up to three elective credits. The internship may not be performed at a student's current employer. An internship may only be taken if the student has been enrolled for at least one full academic year and, during the semester they receive credit for the internship, the student is taking at least three graduate-level classes (including the internship course). The course will be supervised by a full-time faculty member and will follow a structure similar to that of an independent study. Course grades will be determined by evaluations from the student's on-site supervisor, as well as the sponsoring faculty member.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

PMBA 8902 Independent Studies in Business Administration 3 Credits
Involves a program determined by the individual faculty member and approved by the program director. Written assignments are required as part of this rigorous academic experience. Students are eligible for a maximum of one independent elective and should have completed at least three breadth courses prior to the start of the independent study.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

Dual Degrees

Overview

The Dual Degree Program allows students to build on the best of Rider's MBA or MAcc program by combining it with the in-depth technical expertise developed in its Master of Science degree in Information Systems. The Dual Degree permits students to share three classes (9 credits) from the MBA or the MAcc with the requirements of the MS degree to earn the second degree with only 21 additional credits. (assuming all foundation requirements have been met.)

Students who are currently in the MBA, MAcc or MS program may easily opt into the dual degree program. Planning should begin early so students can ensure they are taking the correct elective classes that are shared between the two degrees. Students who have completed the MBA, MAcc or MS degree in the last five years may be eligible to add the second degree by applying for readmission to the University.

As with the other graduate business degree programs at Rider, the curriculum within the dual degree may include foundation classes, depending on the background of the individual student. Foundation courses are shared between the MBA or MAcc and the MS degrees. Students will be provided with a list of all the classes they will need to take in the program when they are admitted.

Rider's Graduate Business Programs are accredited by the AACSB International (http://www.aacsb.edu/) (Association for the Advancement of Collegiate Schools of Business), a distinction held by fewer than 4% of business programs worldwide

Classes are offered in the evening, Monday through Thursday, and in the online and hybrid formats. Courses are offered during the fall, spring and summer semesters. Students can pursue dual degrees on a full or part-time basis. Courses are taught in small sections, usually by full-time faculty holding doctoral degrees. Faculty are engaged in research in their fields and have business experience as well.

Degree Offered:

- MBA/MS in Information Systems
- MAcc/MS in Information Systems

Contact

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Program Requirements for Dual Degrees

- MBA/MS in Information Systems (p. 1338)
- MAcc/MS in Information Systems (p. 1339)

MBA/MS in Information Systems
(57 credits)

Code	Title	Credits
Courses Required for the MBA:		**36**
PMBA 8000	Executive Communications	
PMBA 8210	Information Technology Management [1]	
PMBA 8220	Strategic Accounting for Manager	
PMBA 8230	Managerial Economics	
PMBA 8240	Applied Corporate Finance	
PMBA 8250	Operations & Supply Chain Management [1]	
PMBA 8260	Mkt Analysis & Decision Making	
PMBA 8270	Adv. Organizational Behavior	
PMBA 8290	Legal and Ethical Aspects of Management	
PMBA 8880	Strategic Management	
Two Elective Courses (one shared with the MS in Information Systems elective) [1, 2]		
Additional Required Courses for the MS:		**21**
PMBA 8311	Information Security for the Enterprise	
PMBA 8314	Project Management	
PMBA 8317	Applied Data Management for Business Users	
PMBA 8318	Business Analysis and Design	
PMBA 8352	Design Thinking and Innovation	
PMBA 8353	Digital Futures	
One Elective Course [3]		
Total Credits		**57**

1

These courses are shared between programs and counted only once to satisfy both MBA and MS dual degree requirements.

2

One of these electives may be selected from any MAcc or PMBA course (except for PMBA 80xx foundation courses) for which the student has satisfied the foundation requirement. Must be different from any of the courses, including the elective, taken in the MS in Information Systems. The second elective must be selected from the following list: PMBA 8312, PMBA 8351, PMBA 8353, PMBA 8355, or PMBA 8358, and will be shared with the MS in Information Systems program.

3

This elective must be selected from the following list: PMBA 8312, PMBA 8351, PMBA 8353, PMBA 8355, PMBA 8358 and must be different than the MBA electives taken.

MAcc/MS in Information Systems
(51 credits)

Code	Title	Credits
Required Courses for the MAcc: [1]		**21**
MACC 611	Professional Research and Communication	
MACC 650	Seminar in Federal Taxes	
MACC 652	Analysis of Accounting Data	
MACC 654	Issues in Financial Reporting	
MACC 664	Issues in Managerial Accounting	
MACC 662	Auditing Practice & Problems	
PMBA 8312	Business Intelligence Tech-Data Mining [2]	
or PMBA 835	Business Analytics Fundamentals	
Required Courses for the MS in Information Systems :		**24**
PMBA 8210	Information Technology Management	
PMBA 8250	Operations & Supply Chain Management	
PMBA 8311	Information Security for the Enterprise	
PMBA 8314	Project Management	
PMBA 8317	Applied Data Management for Business Users [3]	
PMBA 8318	Business Analysis and Design	
PMBA 8352	Design Thinking and Innovation	
PMBA 8353	Digital Futures	
Elective Courses for the Dual Degree:		**6**
Select one of the following:		
PMBA 8260	Mkt Analysis & Decision Making	
PMBA 8270	Adv. Organizational Behavior	
PMBA 8290	Legal and Ethical Aspects of Management	
PMBA 8351	Business Analytics Fundamentals	
PMBA 8355	Visual Analytics	
PMBA 8358	Data-Driven Strategies for Business	
Select one PMBA or MAcc class not already completed as a requirement. [4]		
Total Credits		**51**

1

The MAcc requires three elective courses. Two of those electives must be shared with classes in the MS in Information Systems. These shared classes are denoted in the footnotes below. The last elective is shown in the "electives" section.

2

One of these required classes in the MAcc is shared with the MS in Information Systems as an elective in that program.

3

This required class in the MS in Information Systems is shared with the MAcc as an elective in that program.

4

This elective may be taken in any PMBA or MBA class except for PMBA 8010, PMBA 8020, PMBA 8030, PMBA 8040, PMBA 8052, PMBA 8060, or PMBA 8070. This elective is not shared between programs.

Courses and Descriptions

PMBA 8000 Executive Communications 3 Credits
Professionals spend about seventy percent (70%) of their work-time communicating with other people. It is therefore no surprise that, without good communication skills, it is impossible to succeed in one's workplace. Yet, effective communication skills do not come naturally for most people. This course aims to prepare you to speak compellingly, write clearly and concisely, listen actively and critically, and persuade others by constructing sound arguments. To that end, we will learn the key aspects of communication: audience analysis, communicator credibility, message construction, and delivery. Deliverables will include written documents and oral presentations, as well as both individual and team presentations. Importantly, in doing so, you will enhance your leadership potential in your workplace by motivating your colleagues, team, and organization to work toward important goals.

PMBA 8210 Information Technology Management 3 Credits
This course introduces the theory and practice of Information and Communication technologies deployment in organizations. This includes planning, analysis, design, and implementation of computer-based management information systems (MIS). The course emphasizes an understanding of emergent cutting-edge technological phenomena and the effect of information systems on the practice of management.

PMBA 8220 Strategic Accounting for Manager 3 Credits
This course emphasizes the issues encountered by managers regarding performance measurement, incentives, ethics and strategic management accounting tools. Students will learn to recognize ethical issues and apply a code of conduct to those issues, understand the criteria for recognizing revenue, analyze cash flows for investment decisions, compute measures of returns on investments, and understand the uses of a Balance Scorecard in performance evaluation. This course will also cover transfer pricing issues and methods in domestic and international settings, the application of differential analysis to a variety of short-run decisions, and the application of traditional costing methods, activity-based costing, activity-based management, and target costing to products and services. Preparation of a master budget and its role in planning, control, and decision making is also discussed. This course is not open to MAcc students.
Prerequisite(s): PMBA 8020.

PMBA 8230 Managerial Economics 3 Credits
Focuses on using economic methods for making managerial decisions affecting the value of the firm. Topics include demand analysis, production and costs, employment decisions, project evaluation, profit-volume analysis and pricing strategies under a variety of settings. The course emphasizes integration between economics, accounting, and finance.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8240 Applied Corporate Finance 3 Credits
This course is designed to further develop the students' skills through practical application of concepts and tools taught in prior finance courses. Students will learn by solving real-world case studies and learning to communicate clearly their decisions to both sophisticated and lay audiences. The primary method of instruction is the preparation, presentation, and discussion of finance cases. Each case study session will be preceded by lectures and discussion of the main theoretical concepts. The case studies considered will cover a wide range of corporate financial problems including value creation, capital budgeting, capital structure, cost of capital, and mergers and acquisitions. Throughout the course, attention will be given to the international dimensions of the issues and problems presented and discussed.
Prerequisite(s): Completion of PMBA 8040 and PMBA 8020.

PMBA 8250 Operations & Supply Chain Management 3 Credits
This course provides MBA students with the current knowledge and practice of operations and global supply chain management. Supply chain management has become one of the most important and talked about topics in business in recent years. Many companies have realized that they can reduce their costs, increase profits, and increase customer satisfaction by improving their supply chain practices. It is also evident that most supply chains extend beyond the borders on the U.S., and consequently, have global components and challenges. This course is designed to prepare students to meet operations and supply chain related challenges in their careers.
Prerequisite(s): Completion of PMBA 8051 and 8052.

PMBA 8260 Mkt Analysis & Decision Making 3 Credits
The purpose of the course is to provide the analytical skills required to understand complex marketing situations in order to develop and implement appropriate marketing strategies. The decision-making processes in the management of product planning, pricing practices, selection of channels of distribution and development of effective promotion programs are investigated. This involves identification and selection of appropriate target markets, the effective use of marketing research and recognition of organizational dynamics. The case approach is used to develop communication skills and further build team skills as students interact with peers in solving problems.
Prerequisite(s): PMBA 8060.

PMBA 8270 Adv. Organizational Behavior 3 Credits
A study of key individual, group, and organizational processes. At the individual level, the focus is on different personalities, job attitudes, and work motivation. The implication of individual factors is then considered in a team context focusing on the processes of communication, influence, conflict, and leadership. Finally, we examine the impact of organizational culture and change on workplace behavior. In order to integrate the individual, group, and organizational levels of study, the course emphasizes a team-based approach to learning.
Prerequisite(s): PMBA 8070.

PMBA 8290 Legal and Ethical Aspects of Management 3 Credits
The purpose of this course is to prepare students to meet the legal, ethical, and regulatory challenges and opportunities they will encounter as they conduct business as managers and entrepreneurs. To excel, managers and entrepreneurs must recognize that the law is important to firm success and that they must always consider the legal ramifications of their business decisions. Students will learn how to identify legal and ethical issues before they become legal problems and how to communicate and work collaboratively with legal counsel. The course begins with an overview of business ethics and social responsibility and goes on to cover the U.S. court system and the laws of contracts, torts, and intellectual property. The course covers corporate governance issues including the fiduciary duties of officers, directors, and controlling shareholders, public and private offerings of securities, and securities fraud. Environmental regulation, product quality, legal aspects of the employment relationship (as they relate to the liability of the corporation and managers for the acts of their employees), wrongful termination, discrimination, and sexual harassment will also be covered.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8311 Information Security for the Enterprise 3 Credits
This course will teach students how businesses can implement security policies which will protect their significant investment in computer systems. The course topics include but are not limited to security attacks, attack prevention and mediation and security audits. Security devices, firewalls, PC and server security, authentication methods and procedures, and network security will all be discussed. The course will be delivered through a combination of hands-on labs where students will evaluate and implement computer security on computers, and class lectures.
Prerequisite(s): PMBA 8210.

PMBA 8314 Project Management 3 Credits
In our complex world of global economies and pervasive technology, change is constant. It is a persistent challenge to manage this change. It is the body of knowledge that is project management that helps managers address this change. This course will introduce students to project management for a variety of disciplines. The methods and techniques taught will be applicable not only to software development, but to any series of tasks that could constitute a project. The course content will cover the identification, approval, and management of complex projects. Various project management tools, techniques, and approaches will be covered.

PMBA 8317 Applied Data Management for Business Users 3 Credits
Learn the benefits of data sharing in a business organization , the benefits of the relational database model, how data is structured in a relational database model, and how data can be accessed in a relational database using the structured query language (SQL). The process of formatting, loading, and accessing data for data analytics will be shown as well as the interaction with data warehouse schemas such as the star schema and snowflake scheme.

PMBA 8318 Business Analysis and Design 3 Credits
This course will integrate the skills of business analysis with those of system design. Students will learn a dynamic visioning/planning process which will guide the development of a technology architecture model for the business enterprise. Students will learn requirements elicitation techniques and use cases. Design methods such as object modeling and prototyping and data modeling with enterprise relationship diagrams will also be covered.
Prerequisite(s): PMBA 8210.

PMBA 8351 Business Analytics Fundamentals 3 Credits
This course introduces (i) data analysis tools that are appropriate for generating useful information for decision-making and (ii) a framework for analyzing decisions based on partial information. Examples from financial analysis, marketing, and operations management are used to illustrate applications of the topics covered. Microsoft Excel and associated add-ins are used for the purpose of analysis. Students who have earned credits for CIS 350 or equivalent cannot take PMBA 8351 for credit.
Prerequisite(s): PMBA 8051.

PMBA 8352 Design Thinking and Innovation 3 Credits
This graduate course on Design Thinking and Innovation provides students with a framework for dealing with unstructured problems, and for managing the innovation process. This course introduces students to design thinking as a systematic approach to innovation, but also guide students through the process to identify and translate broadly defined opportunities into actionable innovation possibilities. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): PMBA 8210.

PMBA 8353 Digital Futures 3 Credits
This course is a holistic course drawing on all areas of Information Technology. It leverages the in-depth understanding of Technology that MSIS students possess and transforms such knowledge into a new skill set of strategic leadership development at the level of the firm, economy and society. It will enable the student to assess and respond to challenges in their current work environment as well as develop strategic leadership capacity going into the future. Case studies and readings will familiarize students with literature on rapid technology-led transformations such as Schumpeterian theories of 'creative destruction' and derivative theories of technological restructuring at the scale of an industry such as disruptive technology/innovation. Students will be engaged in a discussion of multi-firm cases of strategic innovation and will examine policy decisions by the firm and various ethical dilemmas engendered by technological changes of the last four decades.
Prerequisites: PMBA 8210.

PMBA 8355 Visual Analytics 3 Credits
This graduate course will equip the students with the fundamental skills to perform visual analytics with Tableau. Specifically, students will learn how to prepare a dataset for visual analysis, and how to "tell a good story" using basic and advanced visualizations. At the completion of this course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience. Students who have earned credits for BDA 205 or equivalent cannot take PMBA 8355 for credit.
Prerequisite(s): PMBA 8351.

PMBA 8358 Data-Driven Strategies for Business 3 Credits
In this course, several real-world business problems will be presented as case studies for the application of descriptive, predictive, and prescriptive analytics. Relevant business areas for these problems include online recommendations, healthcare, sports management, marketing, and revenue management. Through these business case studies, students will (1) define a real-world problem in the context of business analytics (2) develop hands-on experience on implementing analytics methodologies (3) learn to derive and communicate insights from analytics results and (4) practice the formulation of data-driven strategies.
Prerequisite(s): PMBA 8051, PMBA 8351.

PMBA 8880 Strategic Management 3 Credits
This course provides an understanding of the strategic management process. Students will analyze and discuss concepts and cases relating to strategic management, make strategic decisions for a hypothetical company in the online computer simulation project, and develop a detailed action plan to resolve a hypothetical business situation. This course will cover the analysis of the strategic process of studying and forecasting the external environment of the firm, assessing the present and future enterprise strengths and weaknesses, setting enterprise goals with recognition of personal and societal goals, and evaluating performance and progress toward those goals. Provides the student with an integrated view of the functional decisions and corporate strategy.
Prerequisite(s): All other MBA breadth courses.

Forensic Accounting Graduate Certificate

Program Overview

Over the last four decades, the field of forensic accounting has grown tremendously as increased federal legislation and more stringent auditing standards have helped to make the detection, prevention and prosecution of financial fraud a priority.

Career opportunities in forensic investigation include positions in the government, public accounting, insurance, law, business and non-profit sectors. The role of forensic accountants is far-reaching: these skilled professionals combine their accounting knowledge with critical investigative and analysis skills. They help to manage and reduce risk; identify and prosecute criminal activities such as embezzlement or illegally obtained funds; and advise on critical financial transactions from mergers and acquisitions to bankruptcy proceedings.

For the convenience of professionals, Rider's 12-credit Forensic Accounting Graduate Certificate program is offered in a variety of delivery formats: all-online, blended or on-campus evening classes. Classes are offered year-round with start dates in the spring, summer and fall.

You can complete the certificate in as little as two semesters, acquiring the skills to identify, collect and examine evidence for accounting fraud and abuse. Learning outcomes are:

- Identify, detect and prevent common fraud schemes and fraudulent financial reporting
- Recognize misappropriation of assets and corruption
- Gather and deliver evidence for the purpose of litigation
- Support fraud cases through documentation and analysis for litigation support
- Understand how internal control systems minimize or mitigate the potential for fraud including control frameworks and specific control procedures

Completion of the Certificate

You must achieve an overall GPA of 3.0 in the program, with no grades earned below a "C", to earn the certificate.

Certificate Offered

- Certificate in Forensic Accounting

Contact

Dean's Office
Graduate Programs
Sweigart Hall

gradbusiness@rider.edu

Program Website: https://www.rider.edu/forensicacct (https://www.rider.edu/academics/colleges-schools/college-business-administration/graduate-programs/forensic-accounting-graduate-certificate-program/)

Related Programs

- Master of Accountancy (MAcc) (http://catalog.rider.edu/archives/2021-2022/graduate/colleges-schools/business-administration/programs-certificates/master-accountancy/)
- Business Analytics Graduate Certificate (http://catalog.rider.edu/archives/2021-2022/graduate/colleges-schools/business-administration/programs-certificates/business-analytics-certificate/)

Program Requirements

(12 credits)

The Forensic Accounting Graduate Certificate requires students to complete four graduate-level courses (12 credit hours) to complete the program.

Foundation Courses for the Program

Before starting with the core program's courses, students must demonstrate technology proficiency by satisfying ONE of the following conditions:

1. Earn a grade of "C" or better in Rider University's ACC 310 , ACC 311 and ACC 400 or similar coursework at an accredited four-year institution within six years prior to the semester admitted;

OR

2. Complete PMBA 8020 with a grade of B or better
AND PMBA 8324 and ACC 400 with a grade of C or better.

Core Requirements for the Program

Code	Title	Credits
MACC 663	Fraud and Forensic Accounting	3
MACC 665	Fraud Detection and Deterrence	3
MACC 667	Business Valuations: Fundamentals, Techniques and Theory	3
PMBA 8351	Business Analytics Fundamentals [1]	3
or PMBA 8312	Business Intelligence Tech-Data Mining	
Total Credits		**12**

1

The prerequisite for PMBA 8351 is PMBA 8051. Students who choose to take this class must either take PMBA 8051 or have it waived with previous coursework. Please email gradbusiness@rider.edu (http://catalog.rider.edu/graduate/colleges-schools/business-administration/forensic-accounting-grad-cert/gradbusiness@rider.edu/) for more information.

Courses and Descriptions

MACC 663 Fraud and Forensic Accounting 3 Credits
This course provides a background in all areas of forensic accounting including: fraudulent financial reporting and the detection of fraud, money laundering and transnational flows, courtroom procedures and litigation support, as well as cybercrime. A wide variety of teaching tools are employed including extensive use of the professional literature, case analysis, videos, role playing and text materials.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 665 Fraud Detection and Deterrence 3 Credits
This course explores contemporary forensic accounting topics pertaining to fraud examination, detection and deterrence. Topics include audit responsibility and reporting, professional judgment, quality control and developing effective policies in preventing and detecting economic crimes. Students will apply relevant fraud examination techniques to a variety of settings.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 667 Business Valuations: Fundamentals, Techniques and Theory 3 Credits
This course examines fundamentals of business valuations including basic, intermediate, and some advanced concepts and methodologies required by accounting and finance professionals in valuing a closely held (privately-owned) business where there is no market price.
Prerequisite(s): completion of PMBA 8040 and PMBA 8020 or the Preliminary Accounting Requirements.
Prerequisites: PMBA 8040 or VL12 with a score of WV AND PMBA 8020 or VL10 with a score of WV OR VL25 with a score of WV OR VL26 with a score of WV.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

Master of Accountancy (MAcc)

Program Overview

The Master of Accountancy develops the technical and interpersonal skills necessary for success in the accounting profession and fulfills the 150 credit-hour requirement for CPA licensure. Students can choose a concentration in business analytics, finance, information systems, sport management, or forensic accounting. This approach allows students to customize their degree.

Many full-time students enter the MAcc directly after completing their undergraduate degree and take sections of the CPA exam during the MAcc program. Most part-time students in the program are employed in professional or managerial positions and bring business experience to share. There are internship opportunities for MAcc students.

Student Learning Outcomes

The learning outcomes and competencies below are the core of the Rider University Norm Brodsky College of Business MAcc program. They provide the foundation for its curriculum and are designed to enhance student success, both throughout the program and post-graduation as they pursue their career paths in accounting and beyond.

- Comprehend the conceptual foundations and the legal and regulatory environment of accounting and research, and analyze current issues in financial reporting within these frameworks using critical thinking and professional judgment.
- Demonstrate technical accounting knowledge and the ability to apply and integrate this knowledge through financial statement analysis using appropriate techniques in various decision-making settings.
- Exhibit professional competencies including working in teams, presentation and written communication skills, analytical reasoning, and problem solving ability.
- Identify, research and analyze international accounting issues.

Curriculum Overview

Courses are taught in small sections by full-time faculty who research in their fields and by part-time faculty who are active in the profession. The accounting program has earned the AACSB Accounting accreditation (https://www.aacsb.edu/), the international standard of excellence in accounting and business education that is held by less than 3% of accounting programs worldwide.

Classes are offered in the evening, Monday through Thursday, and in the online format. All required courses are offered during the fall, spring and summer semesters. Students can pursue the MAcc on a full or part-time basis.

Degree Offered

- Master of Accountancy

Contact

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Program Website: www.rider.edu/macc (http://www.rider.edu/macc/)
Associated Department: Department of Accounting

Related Concentrations

- Business Analytics (p. 1334)
- Finance (p. 1334)
- Forensic Accounting (p. 1334)
- Information Systems (p. 337)
- Sport Management (p. 1363)

Master of Accountancy Program Requirements

The MAcc program consists of 30 semester hours at the graduate level (MAcc and PMBA only). The program includes 21 semester hours in required courses and 9 semester hours in MBA or MAcc electives. Please refer to the MBA course descriptions for a listing of PMBA elective courses. MAcc students may choose to use both MAcc and MBA electives to create concentrations. See the "Concentration (p. 1334)" section provided in this catalog. Required graduate accounting courses are offered each semester. Graduate accounting electives are typically offered on a three-semester rotational basis. Students without an educational background in accounting may also be required to take an additional 22.5 credit hours of foundation requirements based on their educational and professional experience.

(30 credits)

Code	Title	Credits
MACC 650	Seminar in Federal Taxes	3
MACC 652	Analysis of Accounting Data	3
MACC 654	Issues in Financial Reporting	3
MACC 662	Auditing Practice & Problems	3
MACC 664	Issues in Managerial Accounting	3
or MACC 672	Information Technology Auditing	
or MACC 655	Advanced Tax Compliance and Planning	
MACC 611	Professional Research and Communication	3
PMBA 8351	Business Analytics Fundamentals [1]	3
or PMBA 8312	Business Intelligence Tech-Data Mining	
Elective Courses		**9**
Total Credits		**30**

1

The prerequisite for PMBA 8351 is PMBA 8051. Students who choose to take this class must either take PMBA 8051 or have it waived with previous coursework. Please email gradbusiness@rider.edu with any questions.

Foundation Requirements

MAcc students who hold an undergraduate degree in an area other than business will need to complete all of the Business Foundation Requirements and Accounting Foundation Requirements before taking graduate level Accounting courses.

MAcc students who hold an undergraduate business degree in an area other than accounting may be eligible to waive the Business Foundation Requirements but must complete the Accounting Foundation Requirements before taking graduate level Accounting Courses.

MAcc students who hold an undergraduate degree in accounting may be eligible to waive the Business Prerequisite Requirements and the Accounting Prerequisite Requirements.

Waiver of these courses follows the guidelines defined under the Waiver of Courses section.

Business Foundation Requirements

4.5 credits (for students with a non-business undergraduate degree or outdated course work that does not meet the waiver requirements).

Code	Title	Credits
PMBA 8020	Fundamentals of Accounting	3
PMBA 8040	Basic Financial Principles	1.5
Total Credits		**4.5**

Accounting Foundation Requirements

18 credits (for non-accounting business undergraduate degree or outdated course work that does not meet the waiver requirements)

Code	Title	Credits
ACC 302	Cost Management	3
ACC 310	Acct Theory & Concepts I	3
ACC 311	Accounting Theory & Concepts II	3
ACC 400	Principles of Auditing	3
ACC 405	Accounting Problems & Practice	3
ACC 410	Fundamentals of Federal Taxation	3
Total Credits		**18**

The Master of Accountancy (MAcc)–Waiver of Courses

A waiver of a course from PMBA and ACC foundation requirements in the MAcc may be granted under the following conditions:

- Student has taken the equivalent course less than six years ago and received a grade of C or above.
- Student has taken the equivalent course more than six years ago and received a grade of C or above and utilizes the knowledge in their professional position on a regular basis, as determined by the Dean's Office.

A PMBA or ACC foundation course must be taken if:

- Student has never taken the undergraduate equivalent class.
- Student received below a C in the class, regardless of when it was taken.

In all cases, the comparable undergraduate courses must have been taken from an accredited school.

When the MAcc “Foundation Requirements” are waived, the student is responsible for a satisfactory level of competency with the representative material. If necessary, the student should review and/or seek tutoring support for the waived material in preparation of advanced coursework. The student also has the option to take the foundation course despite it being waived. Any appeal of a waiver decision based on previous course work must be made to the Dean's Office within the first semester of the program.

Courses and Descriptions

MACC 611 Professional Research and Communication 3 Credits
Effective communication and interpersonal skills are key for success in the accounting profession. This course is an interactive seminar designed to provide a strong foundation in professional research and to develop communication and interpersonal skills with an emphasis on the communication and interpersonal challenges that accountants commonly face. Course work is primarily base based and includes a wide variety of video and written assignments that require research to develop accounting services and present to guest professionals and the "client".
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 650 Seminar in Federal Taxes 3 Credits
The course examines tax compliance and basic planning concepts available to C corporations, S corporations, partnerships, gifts, estates, and trusts. Topics include tax issues involved in the decision to select a particular form of business organization, fundamental concepts of interstate, international, and New Jersey taxation, and to expose the student to a variety of common tax returns, applicable to the above topics.
Prerequisite(s): completion of ACC 410 or ACC 410P.

MACC 652 Analysis of Accounting Data 3 Credits
This course uses information technology and data analytical techniques to conduct analysis needs commonly faced by accounting professionals. The course uses cases and projects to pursue such areas of decision concern as financial statement analysis, the evaluation of audit risk and selected additional topics.
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 654 Issues in Financial Reporting 3 Credits
This course uses the conceptual framework to examine standards for financial reporting. Theoretical and conceptual assessments of current reporting issues pertaining to asset valuation and income measurement are addressed through cases, readings, and projects. Topics to be investigated from term to term vary depending on their importance and timeliness to the profession. This course should be taken first or early in the program.
Prerequisite(s): completion of the Preliminary Accounting Requirements.

MACC 656 International Dimensions of Accounting 3 Credits
This course examines the global applications of accounting principles and practices, including the relationship between international accounting issues and company strategy. Topics include theoretical and societal considerations of international accounting issues, the identification of transnational accounting practices, and attempts at harmonization.
Prerequisite(s): completion of the Preliminary Accounting Requirements.

MACC 658 Governmental and Not-for-Profit Accounting 3 Credits
This course provides an in-depth study of the concepts, objectives and techniques of the evolving field of accounting for nonprofit institutions and organizations. Areas emphasized include municipal and state governmental units, hospitals, colleges and universities and service organizations. Problems, cases and selected readings are employed.
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 662 Auditing Practice & Problems 3 Credits
This course is an advanced course in auditing. The course examines current auditing issues, including professional ethics, internal control, risk assessment, data analytics, cybersecurity, other topics. Topics include basic principles of Generally Accepted Auditing Standards and PCAOB standards, the audit process from the stage of accepting an audit engagement to the stage of completion of the audit, various types of reports that are issued by independent auditors, legal liabilities of independent auditors, ethical responsibilities of auditors and current issues facing the auditing profession (e.g., litigation, auditor independence), role of various entities that influence the public accounting profession (e.g., PCAOB, AICPA, State Societies of CPAs, SEC, IRS) and other types of services (e.g., assurance services) that are provided by CPAs.A wide variety of teaching tools are employed including extensive use of case analysis, online lectures, videos, readings and data analytics software.
Prerequisite(s): ACC 400 or ACC 400P.

MACC 663 Fraud and Forensic Accounting 3 Credits
This course provides a background in all areas of forensic accounting including: fraudulent financial reporting and the detection of fraud, money laundering and transnational flows, courtroom procedures and litigation support, as well as cybercrime. A wide variety of teaching tools are employed including extensive use of the professional literature, case analysis, videos, role playing and text materials.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 664 Issues in Managerial Accounting 3 Credits
This course examines current management accounting practices with an emphasis on world class developments and strategic implications to the firm. Integrates current management accounting literature with considerations of planning, control, decision-making and information needs of the firm.
Prerequisite(s): completion of ACC 302, ACC 302P or PMBA 8220.

MACC 665 Fraud Detection and Deterrence 3 Credits
This course explores contemporary forensic accounting topics pertaining to fraud examination, detection and deterrence. Topics include audit responsibility and reporting, professional judgment, quality control and developing effective policies in preventing and detecting economic crimes. Students will apply relevant fraud examination techniques to a variety of settings.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 667 Business Valuations: Fundamentals, Techniques and Theory 3 Credits
This course examines fundamentals of business valuations including basic, intermediate, and some advanced concepts and methodologies required by accounting and finance professionals in valuing a closely held (privately-owned) business where there is no market price.
Prerequisite(s): completion of PMBA 8040 and PMBA 8020 or the Preliminary Accounting Requirements.
Prerequisites: PMBA 8040 or VL12 with a score of WV AND PMBA 8020 or VL10 with a score of WV OR VL25 with a score of WV OR VL26 with a score of WV.

MACC 668 Enterprise Risk Management 3 Credits
This course explores current issues and world-class practices of risk management at an organizational level. Emphasis will be placed on the overall risk management cycle of identifying, assessing, responding and managing strategic, reputational, financial and operational risks using contemporary risk management tools.
Prerequisites: ACC 302, ACC 302P or PMBA 8220.

MACC 670 Accounting Internship 3 Credits
This course provides on-site experiential learning through supervised employment with a participating company. Students will be reviewed periodically by senior staff. Academic assignments, including a formal report, will be developed in conjunction with a faculty member. Permission of the instructor is required.

MACC 690 Special Topics 3 Credits
This course provides study of a timely topic that represents a dimension of business administration or accounting that not covered in a regular course. Such a topic may be offered by the Accounting Department. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

PMBA 8351 Business Analytics Fundamentals 3 Credits
This course introduces (i) data analysis tools that are appropriate for generating useful information for decision-making and (ii) a framework for analyzing decisions based on partial information. Examples from financial analysis, marketing, and operations management are used to illustrate applications of the topics covered. Microsoft Excel and associated add-ins are used for the purpose of analysis. Students who have earned credits for CIS 350 or equivalent cannot take PMBA 8351 for credit.
Prerequisite(s): PMBA 8051.

Master of Business Administration (MBA)

Program Overview

In recent years, businesses have become more global in their outreach, increasingly driven by analytics in their decision making and progressively more entrepreneurial in their approach. These shifts have lead to a need for business professionals to regularly make decisions outside of their functional areas of operation, to be better problem solvers and decisions makers who understand how their actions impact the entire organization and the competitive landscape. The Rider MBA program provides advanced preparation for successful participation in a rapidly changing world. Students are exposed to real-world situations that encourage them to question and analyze.

Student Learning Outcomes

The learning outcomes and competencies below are the core of the Rider University Norm Brodsky College of Business MBA program. They provide the foundation for its curriculum and are designed to enhance student success, both throughout the program and post-graduation. There are three main focus areas: decision-making, leadership, and communication.

Decision-making - Make strategic decisions that are integrative.

Leadership - Manage organizational activities in a global environment.

Communication - Effectively communicate business information in the appropriate format.

Curriculum Overview

The Rider MBA classes include foundation, core and elective classes. Depending on the background of the individual student, completion of the degree will require between 36 and 51 credits.
The MBA program is accredited by the AACSB International (http://www.aacsb.edu/) (Association for the Advancement of Collegiate Schools of Business), a distinction held by fewer than 4% of business programs worldwide

Classes are offered in the evening, Monday through Thursday, as well as in the online and hybrid formats. All prerequisite courses are offered during the fall, spring and summer semesters. Students can pursue the MBA on a full or part-time basis. Courses are taught in small sections, usually by full-time faculty holding doctoral degrees. Faculty are engaged in research in their fields and have business experience as well.

There are two electives in the MBA program which allows MBA students to customize their degree to suit their needs. By adding a third elective, MBA students may choose to concentrate in a particular area of interest. See the "Concentrations (p. 1334)" section provided in this catalog to learn more about the concentrations that are available. The other approach to electives is to select two classes that enhance the student's knowledge in selected topics.

Degree Offered

- Master of Business Administration

Contact

Dean's Office
Graduate Programs
Sweigart Hall
gradbusiness@rider.edu

Program Website: www.rider.edu/mba (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate-programs/mba-master-of-business-administration/)

Related Concentrations (p. 1334):

- Business Analytics (p. 1332)
- Finance (p. 1334)
- Forensic Accounting (p. 1334)
- Information Systems (p. 1351)
- Sport Management (http://catalog.rider.edu/graduate/colleges-schools/business-administration/programs-certificates/concentrations-mba-macc-emba/)

Program Requirements

(36 credits)

Course Requirements

The MBA Program requires a core of 30 credit hours of Breadth course requirements and 6 credit hours of elective courses. Students may also be required to take up to an additional 15 credit hours of Foundation requirements based on their educational and work experience. A student must complete between 36 and 51 semester hours for the MBA, depending on the number of Foundation courses that are waived. To enrich the MBA degree, students may take electives in the areas of finance, information systems, business analytics, forensic accounting and sport management.

Breadth Course Requirements

Code	Title	Credits
PMBA 8000	Executive Communications [1]	3
PMBA 8210	Information Technology Management	3
PMBA 8220	Strategic Accounting for Manager	3
PMBA 8230	Managerial Economics	3
PMBA 8240	Applied Corporate Finance	3
PMBA 8250	Operations & Supply Chain Management	3
PMBA 8260	Mkt Analysis & Decision Making	3
PMBA 8270	Adv. Organizational Behavior	3
PMBA 8290	Legal and Ethical Aspects of Management	3
PMBA 8880	Strategic Management	3
Elective Courses		
Students are required to complete 6 semester hours of electives to complete the program requirements. [2]		6
Total Credits		**36**

1

Students are required to take PMBA 8000 as one of the first breadth classes they take in the program.

2

Students pursuing a concentration as part of their degree will need to complete 9 semester hours of electives by taking an additional elective.

Foundation Requirements – Courses

(15 credits for non-business undergraduates or business undergraduates with outdated course work or course work that did not meet waiver standards)

Code	Title	Credits
PMBA 8020	Fundamentals of Accounting	3
PMBA 8030	Economic Analysis	3
PMBA 8040	Basic Financial Principles	1.5
PMBA 8051	Fundamentals of Statistical Analysis	3
PMBA 8052	Models and Methods of Operations Management	1.5
PMBA 8060	Basic Marketing Principles	1.5
PMBA 8070	Management: Theory & Application	1.5
Total Credits		**15**

The Master of Business Administration (MBA) – Waiver of Courses

A waiver of a course from foundation requirements may be granted under the following conditions:

I) *PMBA foundation class is waived based on previous undergraduate coursework if:*

- Student took the equivalent course less than six years ago and received a grade of B or above.
- Student took the equivalent course more than six years ago and received a grade of B or above and utilizes the knowledge in their professional position on a regular basis, as determined by the Dean's Office.

II) *PMBA foundation class is waived upon the proficiency assessment or successful completion of a review short-course if:*

- Student took the equivalent course less than six years ago and received a grade of B- or C+.
- Student took the equivalent course more than six years ago and received a grade of B or better.
- Student took the equivalent course more than six years ago and received a grade of B- or C+ and utilizes that specific knowledge in their professional position on a regular basis, as determined by the Dean's Office.

III) *PMBA foundation class must be taken if:*

- Student has never taken the undergraduate equivalent class.
- Student received below a C+ in the class, regardless of when it was taken.

In all cases, the comparable undergraduate courses must have been taken from an accredited school.

If a student is granted a waiver for any foundation requirements, the student is responsible for a satisfactory level of competency with the representative material. If necessary, the student should review and/or seek tutoring support for the waived material in preparation of advanced courses. Any appeal of a waiver decision based on previous course work must be made to the Dean's Office within the first semester of the program.

MBA Breadth Course Waivers
It is possible for students to substitute an elective for an MBA Breadth course in the following situations, so as not to duplicate course work that may have been done as undergraduates:

- Students who graduated in the last five years as marketing majors and had at least a 3.0 in their marketing courses will not need to take PMBA 8260 Mkt Analysis & Decision Making. In its place, students must take an additional elective from the MBA or MAcc programs.
- Students who graduated in the last five years as accounting majors who graduated with at least a 3.0 in their accounting courses, will not need to take PMBA 8220 Strategic Accounting for Manager. In its place, students must take an additional elective from the MBA or MAcc programs.
- Students who graduated in the last five years with an undergraduate degree in Information Systems/Technology, Computer Science or Electrical Engineering with at least a 3.0 GPA in their major area courses and have at least five years professional experience in IS/IT and strategy, OR for students with a graduate degree in Information Systems/Technology, Computer Science or Electrical Engineering and over five years professional experience in IS/IT and strategy will not need to take PMBA 8210 Information Technology Management. In its place, students must take an elective from either the MBA or MAcc program.
- Students who graduated in the last five years as supply chain majors and had at least a 3.0 in their supply chain courses will not need to take PMBA 8250 Operations & Supply Chain Management. In its place, students must take an additional elective from the MBA or MAcc programs.

Course Descriptions

PMBA 8000 Executive Communications 3 Credits
Professionals spend about seventy percent (70%) of their work-time communicating with other people. It is therefore no surprise that, without good communication skills, it is impossible to succeed in one's workplace. Yet, effective communication skills do not come naturally for most people. This course aims to prepare you to speak compellingly, write clearly and concisely, listen actively and critically, and persuade others by constructing sound arguments. To that end, we will learn the key aspects of communication: audience analysis, communicator credibility, message construction, and delivery. Deliverables will include written documents and oral presentations, as well as both individual and team presentations. Importantly, in doing so, you will enhance your leadership potential in your workplace by motivating your colleagues, team, and organization to work toward important goals.

PMBA 8210 Information Technology Management 3 Credits
This course introduces the theory and practice of Information and Communication technologies deployment in organizations. This includes planning, analysis, design, and implementation of computer-based management information systems (MIS). The course emphasizes an understanding of emergent cutting-edge technological phenomena and the effect of information systems on the practice of management.

PMBA 8220 Strategic Accounting for Manager 3 Credits
This course emphasizes the issues encountered by managers regarding performance measurement, incentives, ethics and strategic management accounting tools. Students will learn to recognize ethical issues and apply a code of conduct to those issues, understand the criteria for recognizing revenue, analyze cash flows for investment decisions, compute measures of returns on investments, and understand the uses of a Balance Scorecard in performance evaluation. This course will also cover transfer pricing issues and methods in domestic and international settings, the application of differential analysis to a variety of short-run decisions, and the application of traditional costing methods, activity-based costing, activity-based management, and target costing to products and services. Preparation of a master budget and its role in planning, control, and decision making is also discussed. This course is not open to MAcc students.
Prerequisite(s): PMBA 8020.

PMBA 8230 Managerial Economics 3 Credits
Focuses on using economic methods for making managerial decisions affecting the value of the firm. Topics include demand analysis, production and costs, employment decisions, project evaluation, profit-volume analysis and pricing strategies under a variety of settings. The course emphasizes integration between economics, accounting, and finance.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8240 Applied Corporate Finance 3 Credits
This course is designed to further develop the students' skills through practical application of concepts and tools taught in prior finance courses. Students will learn by solving real-world case studies and learning to communicate clearly their decisions to both sophisticated and lay audiences. The primary method of instruction is the preparation, presentation, and discussion of finance cases. Each case study session will be preceded by lectures and discussion of the main theoretical concepts. The case studies considered will cover a wide range of corporate financial problems including value creation, capital budgeting, capital structure, cost of capital, and mergers and acquisitions. Throughout the course, attention will be given to the international dimensions of the issues and problems presented and discussed.
Prerequisite(s): Completion of PMBA 8040 and PMBA 8020.

PMBA 8250 Operations & Supply Chain Management 3 Credits
This course provides MBA students with the current knowledge and practice of operations and global supply chain management. Supply chain management has become one of the most important and talked about topics in business in recent years. Many companies have realized that they can reduce their costs, increase profits, and increase customer satisfaction by improving their supply chain practices. It is also evident that most supply chains extend beyond the borders on the U.S., and consequently, have global components and challenges. This course is designed to prepare students to meet operations and supply chain related challenges in their careers.
Prerequisite(s): Completion of PMBA 8051 and 8052.

PMBA 8260 Mkt Analysis & Decision Making 3 Credits
The purpose of the course is to provide the analytical skills required to understand complex marketing situations in order to develop and implement appropriate marketing strategies. The decision-making processes in the management of product planning, pricing practices, selection of channels of distribution and development of effective promotion programs are investigated. This involves identification and selection of appropriate target markets, the effective use of marketing research and recognition of organizational dynamics. The case approach is used to develop communication skills and further build team skills as students interact with peers in solving problems.
Prerequisite(s): PMBA 8060.

PMBA 8270 Adv. Organizational Behavior 3 Credits
A study of key individual, group, and organizational processes. At the individual level, the focus is on different personalities, job attitudes, and work motivation. The implication of individual factors is then considered in a team context focusing on the processes of communication, influence, conflict, and leadership. Finally, we examine the impact of organizational culture and change on workplace behavior. In order to integrate the individual, group, and organizational levels of study, the course emphasizes a team-based approach to learning.
Prerequisite(s): PMBA 8070.

PMBA 8290 Legal and Ethical Aspects of Management 3 Credits
The purpose of this course is to prepare students to meet the legal, ethical, and regulatory challenges and opportunities they will encounter as they conduct business as managers and entrepreneurs. To excel, managers and entrepreneurs must recognize that the law is important to firm success and that they must always consider the legal ramifications of their business decisions. Students will learn how to identify legal and ethical issues before they become legal problems and how to communicate and work collaboratively with legal counsel. The course begins with an overview of business ethics and social responsibility and goes on to cover the U.S. court system and the laws of contracts, torts, and intellectual property. The course covers corporate governance issues including the fiduciary duties of officers, directors, and controlling shareholders, public and private offerings of securities, and securities fraud. Environmental regulation, product quality, legal aspects of the employment relationship (as they relate to the liability of the corporation and managers for the acts of their employees), wrongful termination, discrimination, and sexual harassment will also be covered.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8303 International Business Study Tour 3 Credits
This course provides a cross-cultural perspective for conducting business outside of the United States. Students will gain a better appreciation of how culture, history, and politics influence organizational dynamics, transactions and business customs.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

PMBA 8313 Electronic Commerce 3 Credits
Electronic commerce involves the use of information technology to improve, enhance, simplify or enable business transactions. This course examines such business, social, and technical issues of electronic commerce as the technology of the Internet, effective system strategies to attract and maintain customers, security, and electronic payment systems.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8314 Project Management 3 Credits
In our complex world of global economies and pervasive technology, change is constant. It is a persistent challenge to manage this change. It is the body of knowledge that is project management that helps managers address this change. This course will introduce students to project management for a variety of disciplines. The methods and techniques taught will be applicable not only to software development, but to any series of tasks that could constitute a project. The course content will cover the identification, approval, and management of complex projects. Various project management tools, techniques, and approaches will be covered.

PMBA 8317 Applied Data Management for Business Users 3 Credits
Learn the benefits of data sharing in a business organization , the benefits of the relational database model, how data is structured in a relational database model, and how data can be accessed in a relational database using the structured query language (SQL). The process of formatting, loading, and accessing data for data analytics will be shown as well as the interaction with data warehouse schemas such as the star schema and snowflake scheme.

PMBA 8319 Selected Topics in CIS 3 Credits
The study of a topic (or combination of topics) that represents some dimensions of computer information systems or has important and direct implications for CIS management. Topics recently covered include project management, data mining and data privacy. Theoretical foundations as well as applications may be explored. Readings, research, lectures, projects, discussions or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8321 Managerial Taxation and Strategy 3 Credits
This course is designed for students who are embarking on (or already in) careers in investment banking, corporate finance, strategy consulting, money management, or venture capital. The focus of the course comes from integrating the tax law with the fundamentals of corporate finance and microeconomics.
Prerequisite(s): PMBA 8020.

PMBA 8324 Financial Accounting & Report 3 Credits
Focus is on analysis and evaluation of alternative accounting methods and the relationship to company policy. Insight is gained through the reading of articles in leading accounting and financial periodicals and Internet research. Cases demonstrating financial reporting methods are assigned and discussed in class. Term project required. Topics include financial instruments, earnings per share, deferred taxes, post-retirement benefits and the accounting rule-making process.
Prerequisite(s): PMBA 8020 and PMBA 8040.

PMBA 8343 Investment Instruments and Strategies 3 Credits
Principles of investment analysis and portfolio management. Includes analysis of stocks and fixed income securities, mutual funds, international investing, margin trading and short sales, convertibles, stock options and financial futures. Hedging strategies, market forecasting and tax advantaged investments are also discussed. Makes considerable use of problems to illustrate concepts.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8345 International Financial Management 3 Credits
The techniques of multinational financial management are developed for enterprises that do business in more than one country and/or have assets and liabilities denominated in more than one currency. The management of foreign exchange and country risks is applied to working capital, capital budgeting, and capital structure decisions.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8346 Financial Modeling 3 Credits
Spreadsheets are utilized to analyze problems and cases. Students receive instruction in computer use beyond that available in other finance courses. Spreadsheet applications include valuation models, cost of capital, capital budgeting, risk and return, portfolio analysis, stock market analysis, and options and futures.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8347 Portfolio Management 3 Credits
Real-world application of the concepts and techniques of investment analysis and portfolio theory. Students interact with and make recommendations to professional portfolio managers. Topics include stock valuation methods, major forces driving movements in current equity markets, international investment opportunities, industry analysis, technical analysis and investment timing, evaluation of portfolio performance, analysis of business conditions and interest rates, and hedging portfolio risk with stock index options and financial futures.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8348 Fixed Income Securities and Alternative Investments 3 Credits
This is an introductory course in fixed income securities and alternative investments. The first part of the course covers the markets for fixed income securities and their derivatives. Valuation of these securities and determination of the risk inherent in these securities are discussed. Methods for managing that risk, such as hedging and credit derivatives, are also discussed. The second part of the course covers a variety of alternative investments, including real estate funds, venture capital, hedge funds, and commodities. Valuation of these investments and determination of their risk are discussed.
Prerequisite(s): Completion of PMBA 8040 or any MAcc student with PMBA 8020 completed.

PMBA 8349 Personal Financial Planning 3 Credits
This course provides a background and an appreciation of the fundamental concepts and processes associated with Personal Financial Management. Various technical elements that are part of the study for a Certified Financial Planner certification will be covered including risk management, investments, tax planning, retirement planning, employee benefits, and estate planning.
Prerequisite(s): Completion of PMBA 8040 or any MAcc student with PMBA 8020 completed.

PMBA 8365 International Marketing Management 3 Credits
Examination of the nature and scope of global marketing activities, including the theoretical framework of international marketing, foreign marketing environments, multinational markets, MNC information systems, strategic marketing decisions, and organization for transnational marketing. This course applies to the Global Business concentration.
Prerequisite(s): Completion of PMBA 8060.

PMBA 8369 Selected Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations as well as special applications of marketing decision-making may be explored. Readings, research, lectures, discussions or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): Completion of PMBA 8060.

PMBA 8371 Human Resource Management 3 Credits
This course is an introduction to the field of human resource management (HRM). The goal is to provide students with an understanding of current corporate HR practices. Common HR problems and the tools and procedures for dealing with them will be discussed. Contemporary topics such as strategic HR planning, international staffing, career planning, workforce diversity, work/family balance, and work motivation will be examined. EEO guidelines and their implications for human resource functions will be discussed as well. A combination of conceptual and experiential approaches include discussions, case studies, exercises, small group activities, and lectures.
Prerequisite(s): PMBA 8070.

PMBA 8372 Management Skills 3 Credits
This is a practicum in interpersonal skills that are useful for practicing managers. Topics include motivating oneself and others, persuasive communication, creative problem-solving, managing conflict, using power constructively, managing change, and team management. Students are given opportunities to practice these skills in class and are asked to apply them to their current lives and report on the results of their applications. The course will provide students with a better understanding of the art of managing and of themselves as current or future managers.
Prerequisite(s): PMBA 8070.

PMBA 8375 International Management 3 Credits
This course focuses on the complexities of working and managing in a global business environment. Emphasis is placed on cross-cultural awareness, international communication, and negotiations. Students will explore the effect of culture on organizational behavior, managerial decision making, and global leadership.
Prerequisite: PMBA 8070.

PMBA 8383 Entrepreneurship 3 Credits
The course deals with new business venture start-up. Topics include entrepreneurship concepts and characteristics, new venture types and pros/cons, choice of products/services, market study, marketing planning, financing, and business plan preparation. Practical exercises in developing business plans for new business ventures are part of the course.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8384 Consulting for New and Small Ventures 3 Credits
This course provides experience-based learning to students through the use of student teams to assist area small businesses/organizations. These small firms could have a variety of needs ranging from market research, improving financial reporting and bookkeeping, business planning, streamlining operational procedures, etc. This course will provide students the opportunity to experience in-depth analysis of an individual organization. The emphasis is on student consultants generating immediate, actionable recommendations for the client. Thus, this course is useful not only for those considering small business ownership, but provides an opportunity to students to learn entrepreneurial thinking.
Prerequisite(s): Completion of MBA pre-program courses and permission of instructor.

PMBA 8385 New Venture Launch 3 Credits
Students will start and run a new venture while under the supervision and guidance of faculty. Students will take a business plan they have developed and execute it. This is an opportunity to experience the launch process and learn hands-on how to adapt to the marketplace. Some businesses started in this class may also be eligible to receive venture funding from Rider.

PMBA 8386 Green Entrepreneurship 3 Credits
This course is both a traditionally academic graduate course and a practical, case study based, business development course. Lectures will present the scientific, technical, financial, and business underpinnings required to understand the rationale for and the range of solutions possible that businesses can utilize when initiating or developing sustainable practices or new entrepreneurs can consider as they develop new businesses. Students will be learning about real business examples and discussing how the technical aspects of sustainability interact with the more practical and immediate demands of running a business – making a profit and maintaining positive cash flow while acting ethically.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8491 Business Law 3 Credits
Considers in depth the law relating to the sale of goods, commercial paper, and secured transactions as promulgated by the Uniform Commercial Code. Explores warranties, guarantees, remedies, and product liability. Also considers the law of agency, partnerships and corporations. International dimensions of sales law and related topics are addressed. Students who have taken BUS 211 Commercial Law or BUS 214 Advanced Business Law cannot take this course. This elective is particularly appropriate for students in the MAcc program and in anticipation of CPA law requirement.
Prerequisite(s): BUS 210 Introduction to Law: Contracts or its equivalent at another college or university; requires completion of MBA pre-program courses.

PMBA 8880 Strategic Management 3 Credits
This course provides an understanding of the strategic management process. Students will analyze and discuss concepts and cases relating to strategic management, make strategic decisions for a hypothetical company in the online computer simulation project, and develop a detailed action plan to resolve a hypothetical business situation. This course will cover the analysis of the strategic process of studying and forecasting the external environment of the firm, assessing the present and future enterprise strengths and weaknesses, setting enterprise goals with recognition of personal and societal goals, and evaluating performance and progress toward those goals. Provides the student with an integrated view of the functional decisions and corporate strategy.
Prerequisite(s): All other MBA breadth courses.

PMBA 8902 Independent Studies in Business Administration 3 Credits
Involves a program determined by the individual faculty member and approved by the program director. Written assignments are required as part of this rigorous academic experience. Students are eligible for a maximum of one independent elective and should have completed at least three breadth courses prior to the start of the independent study.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

PMBA 8905 Internship 1-3 Credits
In order to supplement in-class learning with practical training, an internship may be taken for up to three elective credits. The internship may not be performed at a student's current employer. An internship may only be taken if the student has been enrolled for at least one full academic year and, during the semester they receive credit for the internship, the student is taking at least three graduate-level classes (including the internship course). The course will be supervised by a full-time faculty member and will follow a structure similar to that of an independent study. Course grades will be determined by evaluations from the student's on-site supervisor, as well as the sponsoring faculty member.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

PMBA 8906 Selected Topics in Business Administration 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.
Prerequisite(s): To be announced and completion of MBA pre-program courses.

PMBA 8907 Selected Topics in Business Administration 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.
Prerequisite(s): To be announced and completion of MBA pre-program courses.

PMBA 8908 Selected Topics in Business Administration 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.
Prerequisite(s): To be announced and completion of MBA pre-program courses.

PMBA 8909 Selected Topics in Business Administration 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.
Prerequisite(s): To be announced and completion of MBA pre-program courses.

PMBA 8351 Business Analytics Fundamentals 3 Credits
This course introduces (i) data analysis tools that are appropriate for generating useful information for decision-making and (ii) a framework for analyzing decisions based on partial information. Examples from financial analysis, marketing, and operations management are used to illustrate applications of the topics covered. Microsoft Excel and associated add-ins are used for the purpose of analysis. Students who have earned credits for CIS 350 or equivalent cannot take PMBA 8351 for credit.
Prerequisite(s): PMBA 8051.

PMBA 8353 Digital Futures 3 Credits
This course is a holistic course drawing on all areas of Information Technology. It leverages the in-depth understanding of Technology that MSIS students possess and transforms such knowledge into a new skill set of strategic leadership development at the level of the firm, economy and society. It will enable the student to assess and respond to challenges in their current work environment as well as develop strategic leadership capacity going into the future. Case studies and readings will familiarize students with literature on rapid technology-led transformations such as Schumpeterian theories of 'creative destruction' and derivative theories of technological restructuring at the scale of an industry such as disruptive technology/innovation. Students will be engaged in a discussion of multi-firm cases of strategic innovation and will examine policy decisions by the firm and various ethical dilemmas engendered by technological changes of the last four decades.
Prerequisites: PMBA 8210.

PMBA 8355 Visual Analytics 3 Credits
This graduate course will equip the students with the fundamental skills to perform visual analytics with Tableau. Specifically, students will learn how to prepare a dataset for visual analysis, and how to "tell a good story" using basic and advanced visualizations. At the completion of this course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience. Students who have earned credits for BDA 205 or equivalent cannot take PMBA 8355 for credit.
Prerequisite(s): PMBA 8351.

PMBA 8358 Data-Driven Strategies for Business 3 Credits
In this course, several real-world business problems will be presented as case studies for the application of descriptive, predictive, and prescriptive analytics. Relevant business areas for these problems include online recommendations, healthcare, sports management, marketing, and revenue management. Through these business case studies, students will (1) define a real-world problem in the context of business analytics (2) develop hands-on experience on implementing analytics methodologies (3) learn to derive and communicate insights from analytics results and (4) practice the formulation of data-driven strategies.
Prerequisite(s): PMBA 8051, PMBA 8351.

PMBA 8402 The Business of Sports 3 Credits
This course examines diverse managerial issues involving the sports industry. The course covers topics at the league level, the team level, the athlete-agent level, and the college level. The constituencies with interests in sports issues such as athletes, fans, media, companies, advertisers, and legislators are discussed along with global aspects of sports enterprises. Valuation issues related to sports teams are also covered. The course is designed to integrate all aspects of businesses as they apply to sports with an emphasis on strategy, management, marketing, and finance.

PMBA 8403 Sport Analytics 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of hands-on labs, a data project, a research project, quizzes, and online discussions. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports. This course assumes a basic level of skill working with Microsoft Excel.
Prerequisite(s): PMBA 8051 or waiver.

PMBA 8404 Sports Marketing 3 Credits
This course explores the complex and diverse nature of sports marketing. It applies fundamental marketing concepts to the sports industry, including the marketing mix, consumer behavior, marketing research, segmentation analysis, and assessment of marketing programs specific to sports. Guidelines for the formulation of marketing plans and strategies will be included. Trends, issues, and problems influencing the industry will also be examined. Discussions cover professional, collegiate, non-profit, and other areas of the sport industry.

PMBA 8405 Legal and Ethical Issues in Sports 3 Credits
The purpose of the course is to familiarize the students with the business of sports and various issues related to sports management. Legal, ethical, economic, social and managerial issues related to sports will be addressed. Sports law issues which will be covered include tort law, contract law, employment discrimination, antitrust law and constitutional law. Also covered will be the structures and authority of the organizations involved in amateur and professional athletics.

Master of Science in Information Systems

Program Overview

The Information Technology (IT) job market continues its rapid growth as the lower cost of developing applications and expanding user platforms creates additional demands for qualified IT employees. The Master of Science in Information Systems is a STEM designated degree designed for early to mid-career professionals who aspire to become CTO's / CIO's

or rise to other senior management roles in career tracks that have a significant technological component. Such career advancements are possible through multiple pathways because of the role of technology in every aspect of an organization's functioning. This program helps students to develop the knowledge and skills needed to evaluate IS for a business organization and develop and implement the appropriate IT strategies, all while attending to the the ethical and legal implications of data and technology-related issues. The program also provides students with practical experience to develop their professional communication skills and ability to work with others in diverse environments to solve IT problems.

Curriculum Overview

The Rider MS in Information Systems curriculum includes prerequisite, core and elective classes. Depending on the background of the individual student, completion of the degree may require between 30-36 credits. Rider's Norm Brodsky College of Business is accredited by the AACSB International (http://www.aacsb.edu/) (Association for the Advancement of Collegiate Schools of Business), a distinction held by fewer than 4% of business programs worldwide

Classes for the program are offered in the evening, Monday through Thursday, with some courses offered online. Students may enter the program in the fall, spring or summer semesters and can elected to pursue the MS in Information Systems on a full or part-time basis. Students who would like to complete the program within a year must start in the fall or spring. Courses are taught in small sections, usually by full-time faculty holding doctoral degrees. Faculty are engaged in research in their fields and have business experience as well.

Degree Offered

- Master of Science in Information Systems

Contact

Dean's Office
Graduate Programs
Sweigart Hall
gradbusiness@rider.edu (jcherney@rider.edu)

Program Website: (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate/ms-information-systems/**)**Master of Science in Information Systems (MSIS)

Associated Department: Norm Brodsky College of Business, Graduate Programs (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate/)

Master of Science in Information Systems Program

(30 credits)

Code	Title	Credits
Required Business Core		**6**
PMBA 8210	Information Technology Management	
PMBA 8250	Operations & Supply Chain Management	
Required Information Systems Core		**18**
PMBA 8311	Information Security for the Enterprise	
PMBA 8314	Project Management	
PMBA 8317	Applied Data Management for Business Users	
PMBA 8318	Business Analysis and Design	
PMBA 8352	Design Thinking and Innovation	
PMBA 8353	Digital Futures	
Elective Courses		**6**
Select two of the following:		
PMBA 8260	Mkt Analysis & Decision Making	
PMBA 8270	Adv. Organizational Behavior	
PMBA 8290	Legal and Ethical Aspects of Management	
PMBA 8312	Business Intelligence Tech-Data Mining	
PMBA 8313	Electronic Commerce	
PMBA 8315	Globalization and Technology	
PMBA 8316	Application Development for the Web	
PMBA 8351	Business Analytics Fundamentals	
PMBA 8355	Visual Analytics	
PMBA 8358	Data-Driven Strategies for Business	
PMBA 8905	Internship	
Total Credits		**30**

Foundation Curriculum

6 credits (for students with a non-business undergraduate degree or outdated course work that does not meet the waiver requirements).

Code	Title	Credits
Foundation Curriculum [1]		
PMBA 8010	Information Technology Proficiency	1.5
PMBA 8051	Fundamentals of Statistical Analysis	3
PMBA 8052	Models and Methods of Operations Management	1.5
Total Credits		**6**

[1] Students must earn a minimum grade of B in each foundation course.

MS in Information Systems –Waiver of Foundation Courses

A waiver of a course from foundation requirements may be granted under the following conditions:

I) *PMBA foundation class is waived based on previous undergraduate coursework if:*

- Student has taken the equivalent course less than six years ago and received a grade of B or above.
- Student has taken the equivalent course more than six years ago and received a grade of B or above and utilizes the knowledge in their professional position on a regular basis, as determined by the Dean's Office.

II) *PMBA foundation class is waived upon the proficiency assessment or successful completion of a review short-course if:*

- Student has taken the equivalent course less than six years ago and received a grade of B- or C+.
- Student has taken the equivalent course more than six years ago and received a grade of B or better.
- Student has taken the equivalent course more than six years ago and received a grade of B- or C+ and utilizes that specific knowledge in

their professional position on a regular basis, as determined by the Dean's Office.

III) *PMBA foundation class must be taken if:*

- Student has never taken the undergraduate equivalent class.
- Student received below a C+ in the class, regardless of when it was taken.

In all cases, the comparable undergraduate courses must have been taken from an accredited school.

If a student is granted a waiver for any foundation requirements, the student is responsible for a satisfactory level of competency with the representative material. If necessary, the student should review and/or seek tutoring support for the waived material in preparation for advanced courses. Any appeal of a waiver decision based on previous course work must be made to the Dean's Office within the first semester of the program.

Courses and Descriptions

PMBA 8210 Information Technology Management 3 Credits
This course introduces the theory and practice of Information and Communication technologies deployment in organizations. This includes planning, analysis, design, and implementation of computer-based management information systems (MIS). The course emphasizes an understanding of emergent cutting-edge technological phenomena and the effect of information systems on the practice of management.

PMBA 8250 Operations & Supply Chain Management 3 Credits
This course provides MBA students with the current knowledge and practice of operations and global supply chain management. Supply chain management has become one of the most important and talked about topics in business in recent years. Many companies have realized that they can reduce their costs, increase profits, and increase customer satisfaction by improving their supply chain practices. It is also evident that most supply chains extend beyond the borders on the U.S., and consequently, have global components and challenges. This course is designed to prepare students to meet operations and supply chain related challenges in their careers.
Prerequisite(s): Completion of PMBA 8051 and 8052.

PMBA 8260 Mkt Analysis & Decision Making 3 Credits
The purpose of the course is to provide the analytical skills required to understand complex marketing situations in order to develop and implement appropriate marketing strategies. The decision-making processes in the management of product planning, pricing practices, selection of channels of distribution and development of effective promotion programs are investigated. This involves identification and selection of appropriate target markets, the effective use of marketing research and recognition of organizational dynamics. The case approach is used to develop communication skills and further build team skills as students interact with peers in solving problems.
Prerequisite(s): PMBA 8060.

PMBA 8270 Adv. Organizational Behavior 3 Credits
A study of key individual, group, and organizational processes. At the individual level, the focus is on different personalities, job attitudes, and work motivation. The implication of individual factors is then considered in a team context focusing on the processes of communication, influence, conflict, and leadership. Finally, we examine the impact of organizational culture and change on workplace behavior. In order to integrate the individual, group, and organizational levels of study, the course emphasizes a team-based approach to learning.
Prerequisite(s): PMBA 8070.

PMBA 8290 Legal and Ethical Aspects of Management 3 Credits
The purpose of this course is to prepare students to meet the legal, ethical, and regulatory challenges and opportunities they will encounter as they conduct business as managers and entrepreneurs. To excel, managers and entrepreneurs must recognize that the law is important to firm success and that they must always consider the legal ramifications of their business decisions. Students will learn how to identify legal and ethical issues before they become legal problems and how to communicate and work collaboratively with legal counsel. The course begins with an overview of business ethics and social responsibility and goes on to cover the U.S. court system and the laws of contracts, torts, and intellectual property. The course covers corporate governance issues including the fiduciary duties of officers, directors, and controlling shareholders, public and private offerings of securities, and securities fraud. Environmental regulation, product quality, legal aspects of the employment relationship (as they relate to the liability of the corporation and managers for the acts of their employees), wrongful termination, discrimination, and sexual harassment will also be covered.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8311 Information Security for the Enterprise 3 Credits
This course will teach students how businesses can implement security policies which will protect their significant investment in computer systems. The course topics include but are not limited to security attacks, attack prevention and mediation and security audits. Security devices, firewalls, PC and server security, authentication methods and procedures, and network security will all be discussed. The course will be delivered through a combination of hands-on labs where students will evaluate and implement computer security on computers, and class lectures.
Prerequisite(s): PMBA 8210.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

PMBA 8313 Electronic Commerce 3 Credits
Electronic commerce involves the use of information technology to improve, enhance, simplify or enable business transactions. This course examines such business, social, and technical issues of electronic commerce as the technology of the Internet, effective system strategies to attract and maintain customers, security, and electronic payment systems.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8314 Project Management 3 Credits
In our complex world of global economies and pervasive technology, change is constant. It is a persistent challenge to manage this change. It is the body of knowledge that is project management that helps managers address this change. This course will introduce students to project management for a variety of disciplines. The methods and techniques taught will be applicable not only to software development, but to any series of tasks that could constitute a project. The course content will cover the identification, approval, and management of complex projects. Various project management tools, techniques, and approaches will be covered.

PMBA 8315 Globalization and Technology 3 Credits
The emergence and growth of the global economy constitutes an epochal shift in the organization of the world. Technology has been a key component in the production and acceleration of these phenomena. This course introduces students to the latest theoretical and empirical literature on globalization as shaped by technology.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8316 Application Development for the Web 3 Credits
This class will examine application development for the Web platform in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications and the skills needed to develop applications using that architecture. Specific skills learned include programming with the JavaScript programming language, creating Web pages using the HyperText Markup Language (HTML) and Cascading Style Sheets (CSS). Other skills learned in this course include how to create user-friendly user interfaces, and how to retrieve and update information stored on computer servers.
Prerequisite(s): PMBA 8210.

PMBA 8317 Applied Data Management for Business Users 3 Credits
Learn the benefits of data sharing in a business organization , the benefits of the relational database model, how data is structured in a relational database model, and how data can be accessed in a relational database using the structured query language (SQL). The process of formatting, loading, and accessing data for data analytics will be shown as well as the interaction with data warehouse schemas such as the star schema and snowflake scheme.

PMBA 8318 Business Analysis and Design 3 Credits
This course will integrate the skills of business analysis with those of system design. Students will learn a dynamic visioning/planning process which will guide the development of a technology architecture model for the business enterprise. Students will learn requirements elicitation techniques and use cases. Design methods such as object modeling and prototyping and data modeling with enterprise relationship diagrams will also be covered.
Prerequisite(s): PMBA 8210.

PMBA 8351 Business Analytics Fundamentals 3 Credits
This course introduces (i) data analysis tools that are appropriate for generating useful information for decision-making and (ii) a framework for analyzing decisions based on partial information. Examples from financial analysis, marketing, and operations management are used to illustrate applications of the topics covered. Microsoft Excel and associated add-ins are used for the purpose of analysis. Students who have earned credits for CIS 350 or equivalent cannot take PMBA 8351 for credit.
Prerequisite(s): PMBA 8051.

PMBA 8352 Design Thinking and Innovation 3 Credits
This graduate course on Design Thinking and Innovation provides students with a framework for dealing with unstructured problems, and for managing the innovation process. This course introduces students to design thinking as a systematic approach to innovation, but also guide students through the process to identify and translate broadly defined opportunities into actionable innovation possibilities. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): PMBA 8210.

PMBA 8353 Digital Futures 3 Credits
This course is a holistic course drawing on all areas of Information Technology. It leverages the in-depth understanding of Technology that MSIS students possess and transforms such knowledge into a new skill set of strategic leadership development at the level of the firm, economy and society. It will enable the student to assess and respond to challenges in their current work environment as well as develop strategic leadership capacity going into the future. Case studies and readings will familiarize students with literature on rapid technology-led transformations such as Schumpeterian theories of 'creative destruction' and derivative theories of technological restructuring at the scale of an industry such as disruptive technology/innovation. Students will be engaged in a discussion of multi-firm cases of strategic innovation and will examine policy decisions by the firm and various ethical dilemmas engendered by technological changes of the last four decades.
Prerequisites: PMBA 8210.

PMBA 8355 Visual Analytics 3 Credits
This graduate course will equip the students with the fundamental skills to perform visual analytics with Tableau. Specifically, students will learn how to prepare a dataset for visual analysis, and how to "tell a good story" using basic and advanced visualizations. At the completion of this course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience. Students who have earned credits for BDA 205 or equivalent cannot take PMBA 8355 for credit.
Prerequisite(s): PMBA 8351.

PMBA 8358 Data-Driven Strategies for Business 3 Credits
In this course, several real-world business problems will be presented as case studies for the application of descriptive, predictive, and prescriptive analytics. Relevant business areas for these problems include online recommendations, healthcare, sports management, marketing, and revenue management. Through these business case studies, students will (1) define a real-world problem in the context of business analytics (2) develop hands-on experience on implementing analytics methodologies (3) learn to derive and communicate insights from analytics results and (4) practice the formulation of data-driven strategies.
Prerequisite(s): PMBA 8051, PMBA 8351.

Online Master of Accountancy (OL MAcc)

Program Overview

The Online Master of Accountancy (MAcc) is designed for working professionals with a background in accounting who seek advanced credentials and education for CPA or other professional licensures but want the flexibility and convenience of a totally online program. The Online Macc program offers the same course work as the in-person MAcc program, with which it shares the prestigious AACSB Accounting accreditation, the international standard of excellence in accounting and business education. The accounting faculty who teach in the program publish research in top accounting publications and are actively involved in the professional community. Students in the Online MAcc may not take in-person classes on the Rider campus.

Curriculum Overview

The Online MAcc program enhances the knowledge and skills required of accounting professionals while meeting the educational requirements for CPA licensure.

Acceptance into the online program assumes that students have mastered the basic foundation of accounting and business courses at the undergraduate level. Students who do not have this background will need to complete the prerequisite courses before beginning the core of the MAcc program. The core of the MAcc is comprised of seven required courses which cover relevant topics and skills needed to be successful in the field of accounting. Those skills and knowledge include oral and written communication skills, ability to do in-depth research, knowledge of data analytics and the manipulation of accounting data. The MAcc also requires the completion of three electives, which include the courses for a concentration in forensic accounting, finance, information systems, sport management or business analytics. See the "Concentration (p. 1334)" section provided in this catalog. There is a required online orientation before a student can begin in the program.

Course work and connections with fellow students and faculty are facilitated through our user friendly technology platform. Students also have access to the MAcc resource center including webinars from leading accounting professionals on matters in the profession and CPA licensure.

Degree Offered

- Master of Accountancy

Contact

Maria H. Sanchez, Ph.D., CPA
Professor and Director of the MAcc Program
Sweigart Hall 330
609-895-5505
msanchez@rider.edu

Program website: Online MAcc (https://online.rider.edu/lpap-macc/?Access_Code=RDU-MAcc-SEO2&utm_campaign=RDU-MAcc-SEO2)
Associated Department: Business Administration

Related programs

- Master of Business Administration (p. 1345)

Online MAcc Program Requirements

The Online MAcc program is designed for students who have completed an undergraduate accounting major or have completed a series of both business and accounting prerequisite courses as part of an undergraduate/graduate program or independently at a four year university. The program consists of 30 semester hours at the graduate level and is completed with students following a set course schedule so they may complete their program in as few as 21 months.

Code	Title	Credits
Complete the following courses:		
MACC 650	Seminar in Federal Taxes	3
MACC 652	Analysis of Accounting Data	3
MACC 654	Issues in Financial Reporting	3
MACC 662	Auditing Practice & Problems	3
MACC 664	Issues in Managerial Accounting	3
or MACC 655	Advanced Tax Compliance and Planning	
or MACC 672	Information Technology Auditing	
MACC 611	Professional Research and Communication	3
PMBA 8351	Business Analytics Fundamentals [1]	3
or PMBA 8312	Business Intelligence Tech-Data Mining	
Electives		**9**
Total Credits		**30**

[1] The prerequisite for PMBA 8351 is PMBA 8051. Students who choose to take this class must either take PMBA 8051 or have it waived with previous coursework. Please email gradbusiness@rider.edu with any questions.

Foundation Requirements

MAcc students who hold an undergraduate degree in an area other than business will need to complete the Business Foundation Requirements and Accounting Foundation Requirements before taking upper level Accounting Courses.

MAcc students who hold an undergraduate business degree in an area other than accounting may be eligible to waive the Business Foundation Requirements but must complete the Accounting Foundation Requirements before taking upper level Accounting Courses.

MAcc students who hold an undergraduate degree in accounting may be eligible to waive the Business Foundation Requirements and the Accounting Foundation Requirements.

Waiver of these courses follows the guidelines defined under the Waiver of Courses section.

Business Foundation Requirements

4.5 credits (for students with a non-business undergraduate degree or outdated course work that does not meet the waiver requirements).

Code	Title	Credits
PMBA 8020	Fundamentals of Accounting	3
PMBA 8040	Basic Financial Principles	1.5
Total Credits		**4.5**

Accounting Foundation Requirements

18 credits (for non-accounting business undergraduate degree or outdated course work that does not meet the waiver requirements)

Code	Title	Credits
ACC 302	Cost Management	3
ACC 310	Acct Theory & Concepts I	3
ACC 311	Accounting Theory & Concepts II	3
ACC 400	Principles of Auditing	3
ACC 405	Accounting Problems & Practice	3
ACC 410	Fundamentals of Federal Taxation	3
Total Credits		**18**

MAcc and Online MAcc–Waiver of Courses

A waiver of a course from PMBA and ACC foundation requirements in the MAcc may be granted under the following conditions:

- Student took the equivalent course less than six years ago and received a grade of C or above.
- Student took the equivalent course more than six years ago and received a grade of C or above and utilizes the knowledge in their professional position on a regular basis, as determined by the Dean's Office.

A PMBA or ACC foundation course must be taken if:

- Student has never taken the undergraduate equivalent class.
- Student received below a C in the class, regardless of when it was taken.

In all cases, the comparable undergraduate courses must have been taken from an accredited school.

When the MAcc “Foundation Requirements” are waived, the student is responsible for a satisfactory level of competency with the representative material. If necessary, the student should review and/or seek tutoring support for the waived material in preparation of advanced courses. The student also has the option to take the foundation course despite it being waived. Any appeal of a waiver decision based on previous course work must be made to the Dean's Office within the first semester of the program.

Courses and Descriptions

MACC 611 Professional Research and Communication 3 Credits
Effective communication and interpersonal skills are key for success in the accounting profession. This course is an interactive seminar designed to provide a strong foundation in professional research and to develop communication and interpersonal skills with an emphasis on the communication and interpersonal challenges that accountants commonly face. Course work is primarily base based and includes a wide variety of video and written assignments that require research to develop accounting services and present to guest professionals and the "client".
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 650 Seminar in Federal Taxes 3 Credits
The course examines tax compliance and basic planning concepts available to C corporations, S corporations, partnerships, gifts, estates, and trusts. Topics include tax issues involved in the decision to select a particular form of business organization, fundamental concepts of interstate, international, and New Jersey taxation, and to expose the student to a variety of common tax returns, applicable to the above topics.
Prerequisite(s): completion of ACC 410 or ACC 410P.

MACC 652 Analysis of Accounting Data 3 Credits
This course uses information technology and data analytical techniques to conduct analysis needs commonly faced by accounting professionals. The course uses cases and projects to pursue such areas of decision concern as financial statement analysis, the evaluation of audit risk and selected additional topics.
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 654 Issues in Financial Reporting 3 Credits
This course uses the conceptual framework to examine standards for financial reporting. Theoretical and conceptual assessments of current reporting issues pertaining to asset valuation and income measurement are addressed through cases, readings, and projects. Topics to be investigated from term to term vary depending on their importance and timeliness to the profession. This course should be taken first or early in the program.
Prerequisite(s): completion of the Preliminary Accounting Requirements.

MACC 662 Auditing Practice & Problems 3 Credits
This course is an advanced course in auditing. The course examines current auditing issues, including professional ethics, internal control, risk assessment, data analytics, cybersecurity, other topics. Topics include basic principles of Generally Accepted Auditing Standards and PCAOB standards, the audit process from the stage of accepting an audit engagement to the stage of completion of the audit, various types of reports that are issued by independent auditors, legal liabilities of independent auditors, ethical responsibilities of auditors and current issues facing the auditing profession (e.g., litigation, auditor independence), role of various entities that influence the public accounting profession (e.g., PCAOB, AICPA, State Societies of CPAs, SEC, IRS) and other types of services (e.g., assurance services) that are provided by CPAs.A wide variety of teaching tools are employed including extensive use of case analysis, online lectures, videos, readings and data analytics software.
Prerequisite(s): ACC 400 or ACC 400P.

MACC 663 Fraud and Forensic Accounting 3 Credits
This course provides a background in all areas of forensic accounting including: fraudulent financial reporting and the detection of fraud, money laundering and transnational flows, courtroom procedures and litigation support, as well as cybercrime. A wide variety of teaching tools are employed including extensive use of the professional literature, case analysis, videos, role playing and text materials.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 664 Issues in Managerial Accounting 3 Credits
This course examines current management accounting practices with an emphasis on world class developments and strategic implications to the firm. Integrates current management accounting literature with considerations of planning, control, decision-making and information needs of the firm.
Prerequisite(s): completion of ACC 302, ACC 302P or PMBA 8220.

MACC 665 Fraud Detection and Deterrence 3 Credits
This course explores contemporary forensic accounting topics pertaining to fraud examination, detection and deterrence. Topics include audit responsibility and reporting, professional judgment, quality control and developing effective policies in preventing and detecting economic crimes. Students will apply relevant fraud examination techniques to a variety of settings.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 667 Business Valuations: Fundamentals, Techniques and Theory 3 Credits
This course examines fundamentals of business valuations including basic, intermediate, and some advanced concepts and methodologies required by accounting and finance professionals in valuing a closely held (privately-owned) business where there is no market price.
Prerequisite(s): completion of PMBA 8040 and PMBA 8020 or the Preliminary Accounting Requirements.
Prerequisites: PMBA 8040 or VL12 with a score of WV AND PMBA 8020 or VL10 with a score of WV OR VL25 with a score of WV OR VL26 with a score of WV.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

PMBA 8491 Business Law 3 Credits
Considers in depth the law relating to the sale of goods, commercial paper, and secured transactions as promulgated by the Uniform Commercial Code. Explores warranties, guarantees, remedies, and product liability. Also considers the law of agency, partnerships and corporations. International dimensions of sales law and related topics are addressed. Students who have taken BUS 211 Commercial Law or BUS 214 Advanced Business Law cannot take this course. This elective is particularly appropriate for students in the MAcc program and in anticipation of CPA law requirement.
Prerequisite(s): BUS 210 Introduction to Law: Contracts or its equivalent at another college or university; requires completion of MBA pre-program courses.

Online Master of Business Administration

Program Overview

The Rider Online MBA program is designed to offer flexibility, convenience, and value to students preparing for advanced careers as decision makers in a rapidly changing world. Students are provided with a broad understanding of overall business concepts and operations, moving from a "one-dimensional" focus to one that mirrors the complexity of today's business enterprise. By utilizing the case study approach to analyze real-world situations, students are encouraged to question, apply business knowledge and develop informed decisions.

This program is accredited by the AACSB International (http://www.aacsb.edu/) (Association for the Advancement of Collegiate Schools of Business), a distinction held by fewer than 4% of business programs worldwide.

Student Learning Outcomes

The learning outcomes and competencies below are the core of the Rider University Norm Brodsky College of Business MBA program. They provide the foundation for its curriculum and are designed to enhance student success, both throughout the program and post-graduation. There are three main focus areas: decision-making, leadership, and communication.

Decision-making - Make strategic decisions that are integrative.

Leadership - Manage organizational activities in a global environment.

Communication - Effectively communicate business information in the appropriate format.

Curriculum Overview

Rider's Online MBA classes include foundation, breadth and elective classes that provide the same knowledge and experience as in-person MBA courses. Students within the Online MBA program are not eligible to take in-person classes on the Rider campus. Depending on the background of the individual student, selected foundation courses may be waived, leaving students with between 36 and 54 credits to complete the degree. With six start dates (two in fall, two in spring and two in summer), students may complete the MBA on a part-time basis in as few as 24 months. Courses are taught in small sections, usually by full-time faculty holding doctoral degrees. Faculty are engaged in research in their fields and have business experience as well. There is a required online orientation before a student can begin in the program.

To enrich the MBA degree, students may take electives in the areas of finance, information systems, sport management and business analytics. See the "Concentrations (p. 1334)" section provided in this catalog.

Degree Offered

- MBA: Master of Business Administration

Contact

Dean's Office
Graduate Programs
Sweigart Hall
gradbusiness@rider.edu (jcherney@rider.edu)

Program website: Online MBA (https://online.rider.edu/lpap-mba/?Access_Code=RDU-MBA-SEO2&utm_campaign=RDU-MBA-SEO2)
Associated Department: Business Administration (https://www.rider.edu/academics/colleges-schools/college-business-administration/graduate-programs/)

Related programs

- Master of Accountancy (https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/graduate-programs/master-of-accountancy/)
- Master of Science in Information Systems (https://www.rider.edu/academics/colleges-schools/college-business-administration/graduate-programs/master-science-information-systems/)

Online Masters in Business Administration Program Requirements

(36 credits)

The Online MBA Program requires a core of 30 credit hours of breadth course requirements and six (6) credit hours of elective courses. Students may also be required to take up to an additional 15 credit hours of foundation courses based on their educational and work experience. To enrich the MBA degree, students may take electives in the areas of finance, information systems, sport management and business analytics.

Breadth Course Requirements

Code	Title	Credits
PMBA 8000	Executive Communications [1]	3
PMBA 8210	Information Technology Management	3
PMBA 8220	Strategic Accounting for Manager	3
PMBA 8230	Managerial Economics	3
PMBA 8240	Applied Corporate Finance	3
PMBA 8250	Operations & Supply Chain Management	3
PMBA 8260	Mkt Analysis & Decision Making	3
PMBA 8270	Adv. Organizational Behavior	3
PMBA 8290	Legal and Ethical Aspects of Management	3
PMBA 8880	Strategic Management	3
Elective Courses		
Students are required to complete 6 semester hours of electives to complete the program requirements. [2]		6
Total Credits		**36**

1

Students are required to take PMBA 8000 as one of the first classes they take in the Breadth of the program.

2

Students pursuing a concentration as part of their degree will need to complete 9 semester hours of electives by taking an additional elective.

Foundation Requirements

(15 credits for non-business undergraduates or business undergraduates with outdated course work or course work that did not meet waiver standards)

Code	Title	Credits
PMBA 8020	Fundamentals of Accounting	3
PMBA 8030	Economic Analysis	3
PMBA 8040	Basic Financial Principles	1.5
PMBA 8051	Fundamentals of Statistical Analysis	3
PMBA 8052	Models and Methods of Operations Management	1.5
PMBA 8060	Basic Marketing Principles	1.5
PMBA 8070	Management: Theory & Application	1.5

The Master of Business Administration (MBA) – Waiver of Courses

Waiver of Foundation Courses

A waiver of a course from foundation requirements may be granted under the following conditions:

I) *PMBA foundation class is waived based on previous undergraduate coursework if:*

- Student took the equivalent course less than six years ago and received a grade of B or above.
- Student took the equivalent course more than six years ago and received a grade of B or above and utilizes the knowledge in their professional position on a regular basis, as determined by the Dean's Office.

II) *PMBA foundation class is waived upon the proficiency assessment or successful completion of a review short-course if:*

- Student took the equivalent course less than six years ago and received a grade of B- or C+.
- Student took the equivalent course more than six years ago and received a grade of B or better.
- Student took the equivalent course more than six years ago and received a grade of B- or C+ and utilizes that specific knowledge in their professional position on a regular basis, as determined by the Dean's Office.

III) *PMBA foundation class must be taken if:*

- Student has never taken the undergraduate equivalent class.
- Student received below a C+ in the class, regardless of when it was taken.

In all cases, the comparable undergraduate courses must have been taken from an accredited school.

If a student is granted a waiver for any foundation requirements, the student is responsible for a satisfactory level of competency with the representative material. If necessary, the student should review and/or seek tutoring support for the waived material in preparation of advanced courses. Any appeal of a waiver decision based on previous course work must be made to the Dean's Office within the first semester of the program.

MBA Breadth Course Waivers

It is possible for students to substitute an elective for an MBA Breadth course in the following situations, so as not to duplicate course work that may have been done as undergraduates:

- Students who graduated in the last five years as marketing majors and had at least a 3.0 in their marketing courses will not need to take PMBA 8260. In its place, students must take an additional elective from the MBA or MAcc programs.
- Students who graduated in the last five years as accounting majors with at least a 3.0 in their accounting courses will not need to take PMBA 8220. In its place, students must take an additional elective from the MBA or MAcc programs.

- Students who graduated in the last five years with an undergraduate degree in Information Systems/Technology, Computer Science or Electrical Engineering with at least a 3.0 GPA in their major area courses and have at least five years professional experience in IS/IT and strategy, OR for students with a graduate degree in Information Systems/Technology, Computer Science or Electrical Engineering and over five years professional experience in IS/IT and strategy, will not need to take PMBA 8210. In its place, students must take an elective from either the MBA or MAcc program.

Courses and Descriptions

PMBA 8000 Executive Communications 3 Credits
Professionals spend about seventy percent (70%) of their work-time communicating with other people. It is therefore no surprise that, without good communication skills, it is impossible to succeed in one's workplace. Yet, effective communication skills do not come naturally for most people. This course aims to prepare you to speak compellingly, write clearly and concisely, listen actively and critically, and persuade others by constructing sound arguments. To that end, we will learn the key aspects of communication: audience analysis, communicator credibility, message construction, and delivery. Deliverables will include written documents and oral presentations, as well as both individual and team presentations. Importantly, in doing so, you will enhance your leadership potential in your workplace by motivating your colleagues, team, and organization to work toward important goals.

PMBA 8210 Information Technology Management 3 Credits
This course introduces the theory and practice of Information and Communication technologies deployment in organizations. This includes planning, analysis, design, and implementation of computer-based management information systems (MIS). The course emphasizes an understanding of emergent cutting-edge technological phenomena and the effect of information systems on the practice of management.

PMBA 8220 Strategic Accounting for Manager 3 Credits
This course emphasizes the issues encountered by managers regarding performance measurement, incentives, ethics and strategic management accounting tools. Students will learn to recognize ethical issues and apply a code of conduct to those issues, understand the criteria for recognizing revenue, analyze cash flows for investment decisions, compute measures of returns on investments, and understand the uses of a Balance Scorecard in performance evaluation. This course will also cover transfer pricing issues and methods in domestic and international settings, the application of differential analysis to a variety of short-run decisions, and the application of traditional costing methods, activity-based costing, activity-based management, and target costing to products and services. Preparation of a master budget and its role in planning, control, and decision making is also discussed. This course is not open to MAcc students.
Prerequisite(s): PMBA 8020.

PMBA 8230 Managerial Economics 3 Credits
Focuses on using economic methods for making managerial decisions affecting the value of the firm. Topics include demand analysis, production and costs, employment decisions, project evaluation, profit-volume analysis and pricing strategies under a variety of settings. The course emphasizes integration between economics, accounting, and finance.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8240 Applied Corporate Finance 3 Credits
This course is designed to further develop the students' skills through practical application of concepts and tools taught in prior finance courses. Students will learn by solving real-world case studies and learning to communicate clearly their decisions to both sophisticated and lay audiences. The primary method of instruction is the preparation, presentation, and discussion of finance cases. Each case study session will be preceded by lectures and discussion of the main theoretical concepts. The case studies considered will cover a wide range of corporate financial problems including value creation, capital budgeting, capital structure, cost of capital, and mergers and acquisitions. Throughout the course, attention will be given to the international dimensions of the issues and problems presented and discussed.
Prerequisite(s): Completion of PMBA 8040 and PMBA 8020.

PMBA 8250 Operations & Supply Chain Management 3 Credits
This course provides MBA students with the current knowledge and practice of operations and global supply chain management. Supply chain management has become one of the most important and talked about topics in business in recent years. Many companies have realized that they can reduce their costs, increase profits, and increase customer satisfaction by improving their supply chain practices. It is also evident that most supply chains extend beyond the borders on the U.S., and consequently, have global components and challenges. This course is designed to prepare students to meet operations and supply chain related challenges in their careers.
Prerequisite(s): Completion of PMBA 8051 and 8052.

PMBA 8260 Mkt Analysis & Decision Making 3 Credits
The purpose of the course is to provide the analytical skills required to understand complex marketing situations in order to develop and implement appropriate marketing strategies. The decision-making processes in the management of product planning, pricing practices, selection of channels of distribution and development of effective promotion programs are investigated. This involves identification and selection of appropriate target markets, the effective use of marketing research and recognition of organizational dynamics. The case approach is used to develop communication skills and further build team skills as students interact with peers in solving problems.
Prerequisite(s): PMBA 8060.

PMBA 8270 Adv. Organizational Behavior 3 Credits
A study of key individual, group, and organizational processes. At the individual level, the focus is on different personalities, job attitudes, and work motivation. The implication of individual factors is then considered in a team context focusing on the processes of communication, influence, conflict, and leadership. Finally, we examine the impact of organizational culture and change on workplace behavior. In order to integrate the individual, group, and organizational levels of study, the course emphasizes a team-based approach to learning.
Prerequisite(s): PMBA 8070.

PMBA 8290 Legal and Ethical Aspects of Management 3 Credits
The purpose of this course is to prepare students to meet the legal, ethical, and regulatory challenges and opportunities they will encounter as they conduct business as managers and entrepreneurs. To excel, managers and entrepreneurs must recognize that the law is important to firm success and that they must always consider the legal ramifications of their business decisions. Students will learn how to identify legal and ethical issues before they become legal problems and how to communicate and work collaboratively with legal counsel. The course begins with an overview of business ethics and social responsibility and goes on to cover the U.S. court system and the laws of contracts, torts, and intellectual property. The course covers corporate governance issues including the fiduciary duties of officers, directors, and controlling shareholders, public and private offerings of securities, and securities fraud. Environmental regulation, product quality, legal aspects of the employment relationship (as they relate to the liability of the corporation and managers for the acts of their employees), wrongful termination, discrimination, and sexual harassment will also be covered.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8303 International Business Study Tour 3 Credits
This course provides a cross-cultural perspective for conducting business outside of the United States. Students will gain a better appreciation of how culture, history, and politics influence organizational dynamics, transactions and business customs.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

PMBA 8313 Electronic Commerce 3 Credits
Electronic commerce involves the use of information technology to improve, enhance, simplify or enable business transactions. This course examines such business, social, and technical issues of electronic commerce as the technology of the Internet, effective system strategies to attract and maintain customers, security, and electronic payment systems.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8314 Project Management 3 Credits
In our complex world of global economies and pervasive technology, change is constant. It is a persistent challenge to manage this change. It is the body of knowledge that is project management that helps managers address this change. This course will introduce students to project management for a variety of disciplines. The methods and techniques taught will be applicable not only to software development, but to any series of tasks that could constitute a project. The course content will cover the identification, approval, and management of complex projects. Various project management tools, techniques, and approaches will be covered.

PMBA 8317 Applied Data Management for Business Users 3 Credits
Learn the benefits of data sharing in a business organization , the benefits of the relational database model, how data is structured in a relational database model, and how data can be accessed in a relational database using the structured query language (SQL). The process of formatting, loading, and accessing data for data analytics will be shown as well as the interaction with data warehouse schemas such as the star schema and snowflake scheme.

PMBA 8325 Enterprise Risk Management 3 Credits
This course explores current issues and world-class practices of risk management at an organizational level. Emphasis will be placed on the overall risk management cycle of identifying, assessing, responding and managing strategic, reputational, financial and operational risks using contemporary risk management tools.
Prerequisites: ACC 302 or ACC 302P or PMBA 8220.

PMBA 8343 Investment Instruments and Strategies 3 Credits
Principles of investment analysis and portfolio management. Includes analysis of stocks and fixed income securities, mutual funds, international investing, margin trading and short sales, convertibles, stock options and financial futures. Hedging strategies, market forecasting and tax advantaged investments are also discussed. Makes considerable use of problems to illustrate concepts.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8345 International Financial Management 3 Credits
The techniques of multinational financial management are developed for enterprises that do business in more than one country and/or have assets and liabilities denominated in more than one currency. The management of foreign exchange and country risks is applied to working capital, capital budgeting, and capital structure decisions.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8349 Personal Financial Planning 3 Credits
This course provides a background and an appreciation of the fundamental concepts and processes associated with Personal Financial Management. Various technical elements that are part of the study for a Certified Financial Planner certification will be covered including risk management, investments, tax planning, retirement planning, employee benefits, and estate planning.
Prerequisite(s): Completion of PMBA 8040 or any MAcc student with PMBA 8020 completed.

PMBA 8371 Human Resource Management 3 Credits
This course is an introduction to the field of human resource management (HRM). The goal is to provide students with an understanding of current corporate HR practices. Common HR problems and the tools and procedures for dealing with them will be discussed. Contemporary topics such as strategic HR planning, international staffing, career planning, workforce diversity, work/family balance, and work motivation will be examined. EEO guidelines and their implications for human resource functions will be discussed as well. A combination of conceptual and experiential approaches include discussions, case studies, exercises, small group activities, and lectures.
Prerequisite(s): PMBA 8070.

PMBA 8383 Entrepreneurship 3 Credits
The course deals with new business venture start-up. Topics include entrepreneurship concepts and characteristics, new venture types and pros/cons, choice of products/services, market study, marketing planning, financing, and business plan preparation. Practical exercises in developing business plans for new business ventures are part of the course.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8492 Ethical Issues in International Business 3 Credits
This course is an introduction to identifying, analyzing and resolving ethical dilemmas in both U.S. and international business, including reference to legal and regulatory issues. The course begins with a general introduction to ethics, considers ethical issues connected with the economic, legal and regulatory systems within which modern business takes place and heavily emphasizes contemporary cases that illustrate a wide range of ethical issues, including cases resulting in civil and criminal litigation. The primary focus of this course will be ethics in the international business environment. Most of the readings and discussion board topics, the group case studies and the individual research paper will have an international focus.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8880 Strategic Management 3 Credits
This course provides an understanding of the strategic management process. Students will analyze and discuss concepts and cases relating to strategic management, make strategic decisions for a hypothetical company in the online computer simulation project, and develop a detailed action plan to resolve a hypothetical business situation. This course will cover the analysis of the strategic process of studying and forecasting the external environment of the firm, assessing the present and future enterprise strengths and weaknesses, setting enterprise goals with recognition of personal and societal goals, and evaluating performance and progress toward those goals. Provides the student with an integrated view of the functional decisions and corporate strategy.
Prerequisite(s): All other MBA breadth courses.

PMBA 8902 Independent Studies in Business Administration 3 Credits
Involves a program determined by the individual faculty member and approved by the program director. Written assignments are required as part of this rigorous academic experience. Students are eligible for a maximum of one independent elective and should have completed at least three breadth courses prior to the start of the independent study.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

PMBA 8905 Internship 1-3 Credits
In order to supplement in-class learning with practical training, an internship may be taken for up to three elective credits. The internship may not be performed at a student's current employer. An internship may only be taken if the student has been enrolled for at least one full academic year and, during the semester they receive credit for the internship, the student is taking at least three graduate-level classes (including the internship course). The course will be supervised by a full-time faculty member and will follow a structure similar to that of an independent study. Course grades will be determined by evaluations from the student's on-site supervisor, as well as the sponsoring faculty member.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

Post-Baccalaureate Accounting Certificate

Curriculum Overview

The Post Baccalaureate Accounting Certificate consists of 21 to 27 credits in undergraduate and graduate accounting classes that provide individuals who already have their undergraduate degree the opportunity to develop practical knowledge and skills in the field of accounting so they can pursue a new career path or add to their business education and credentials.

To be admitted to the Post Baccalaureate Accounting Certificate Program , students must meet the following requirement:

- Completion of at least a bachelor's degree or equivalent from an accredited institution of higher learning with a GPA of 3.0 or better.

Certificate Offered

- Certificate in Accounting

Contact

Dean's Office
Graduate Programs
Sweigart Hall
gradbusiness@rider.edu

Post-Baccalaureate Accounting Certificate Requirements

Select one of the following tracks within the certificate:

CPA Track (p. 1361)

Professional Accounting Track (p. 1362)

Certificate Completion Requirements (p. 1362)

CPA Track

(21-30 credits)

Code	Title	Credits
Required Courses		
PMBA 8020	Fundamentals of Accounting [1]	3
ACC 302P	Cost Management	3
ACC 310P	Acct Theory & Concepts I	3
ACC 311P	Acct Theory & Concepts II	3
ACC 400P	Principles of Auditing	3
ACC 405P	Accounting Problems & Practice - PM	3
ACC 410P	Fund of Federal Taxation - PM	3
Select up to four of the following courses to meet CPA Exam requirements: [2]		3-12
MACC 658	Governmental and Not-for-Profit Accounting	
MACC 662	Auditing Practice & Problems	
MACC 664	Issues in Managerial Accounting	
MACC 654	Issues in Financial Reporting	
PMBA 8491	Business Law	
Total Credits [1]		**21-30**

1

PMBA 8020 may be waived based on undergraduate work in accounting that meets grade and age-of-coursework requirements.

2

CPA exam eligibility requirements differ based on the state in which the individual is seeking certification. Most states require a minimum number of 24 credits in accounting. The number of elective classes a student will need to take in the certificate will depend on the relevant state requirements.

Professional Accounting Certificate

(21 - 27 credits)

Code	Title	Credits
PMBA 8020	Fundamentals of Accounting [1]	3
ACC 302P	Cost Management	3
ACC 310P	Acct Theory & Concepts I	3
ACC 311P	Acct Theory & Concepts II	3
ACC 400P	Principles of Auditing	3
ACC 405P	Accounting Problems & Practice - PM	3
ACC 410P	Fund of Federal Taxation - PM	3
MACC 611	Professional Research and Communication	3
MACC 670	Accounting Internship (Optional)	3
Total Credits: [1]		**21-27**

1

PMBA 8020 may be waived based on undergraduate work in accounting that meets grade and age-of-coursework requirements.

Certificate Completion Requirements

To complete the Post Baccalaureate Accounting Certificate Program, students must meet the following requirements:

- Overall GPA of 3.0 in the Post Baccalaureate Accounting Certificate Program;
- Cannot have any grades below a “C”.

Courses and Descriptions

ACC 302P Cost Management 3 Credits
This course focuses on firm strategy and the role managerial accounting information plays in the decision making process. Topics include the balanced scorecard, the value chain, product life cycles , target costing, theory of constraints, strategic pricing, management and control of quality cost systems, traditional and activity-based costing, cost control, standard costs and variances, and capital budgeting.
Prerequisite(s): PMBA 8020 or PMBA 8020 waiver. This course is restricted to students in the MAcc program.

ACC 310P Acct Theory & Concepts I 3 Credits
This is the first upper-level course in a sequence in financial accounting courses. Topics include the conceptual framework, and standard setting process followed by application and evaluation of generally accepted accounting principles including content, and structure of financial statements, present value concepts, current assets, current liabilities, property, plant, and equipment, intangible assets and non-current liabilities are studied. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisite(s): PMBA 8020. This course is restricted to students in the MAcc program.

ACC 311P Acct Theory & Concepts II 3 Credits
This course is a continuation of ACC 310. Topics include long-term investments, stockholders’ equity, earnings per share, interperiod income tax allocation, accounting changes, revenue recognition, pensions, leases and cash flow analysis. An overview of comparable international financial reporting standards (IFRS) is also included.
Prerequisite(s): ACC 310 or ACC 310-P. Restricted to students in the MAcc program.

ACC 400P Principles of Auditing 3 Credits
This course provides an introduction to financial statement audits performed by certified public accountants. Topics include corporate governance, the audit environment, professional standards, audit methodology, and audit report preparation. The course also provides an overview of other types of assurance and non-assurance services provided by CPA firms.
Prerequisite(s): ACC 310 or ACC 310P. Restricted to students in the MAcc.

ACC 405P Accounting Problems & Practice - PM 3 Credits
This course provides additional coverage of financial reporting issues and procedures. Topics include business combinations, consolidated financial statements, foreign currency translation, the effects of diversity across countries, disclosure and SEC reporting issues. Governmental and not-for-profit accounting standards are also covered.
Prerequisite(s): ACC 311 or ACC 311P. Restricted to students in the MAcc program.

ACC 410P Fund of Federal Taxation - PM 3 Credits
This course provides fundamental federal tax concepts applicable to individuals, partnerships, corporations, estates, and gifts. Topics are considered from a tax compliance and planning perspective. Preparation of individual and corporate tax returns is also included.
Prerequisite(s): ACC 311 or ACC 311P. Restricted to students in the MAcc program.

MACC 611 Professional Research and Communication 3 Credits
Effective communication and interpersonal skills are key for success in the accounting profession. This course is an interactive seminar designed to provide a strong foundation in professional research and to develop communication and interpersonal skills with an emphasis on the communication and interpersonal challenges that accountants commonly face. Course work is primarily base based and includes a wide variety of video and written assignments that require research to develop accounting services and present to guest professionals and the "client".
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 654 Issues in Financial Reporting 3 Credits
This course uses the conceptual framework to examine standards for financial reporting. Theoretical and conceptual assessments of current reporting issues pertaining to asset valuation and income measurement are addressed through cases, readings, and projects. Topics to be investigated from term to term vary depending on their importance and timeliness to the profession. This course should be taken first or early in the program.
Prerequisite(s): completion of the Preliminary Accounting Requirements.

MACC 658 Governmental and Not-for-Profit Accounting 3 Credits
This course provides an in-depth study of the concepts, objectives and techniques of the evolving field of accounting for nonprofit institutions and organizations. Areas emphasized include municipal and state governmental units, hospitals, colleges and universities and service organizations. Problems, cases and selected readings are employed.
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 662 Auditing Practice & Problems 3 Credits
This course is an advanced course in auditing. The course examines current auditing issues, including professional ethics, internal control, risk assessment, data analytics, cybersecurity, other topics. Topics include basic principles of Generally Accepted Auditing Standards and PCAOB standards, the audit process from the stage of accepting an audit engagement to the stage of completion of the audit, various types of reports that are issued by independent auditors, legal liabilities of independent auditors, ethical responsibilities of auditors and current issues facing the auditing profession (e.g., litigation, auditor independence), role of various entities that influence the public accounting profession (e.g., PCAOB, AICPA, State Societies of CPAs, SEC, IRS) and other types of services (e.g., assurance services) that are provided by CPAs.A wide variety of teaching tools are employed including extensive use of case analysis, online lectures, videos, readings and data analytics software.
Prerequisite(s): ACC 400 or ACC 400P.

MACC 664 Issues in Managerial Accounting 3 Credits
This course examines current management accounting practices with an emphasis on world class developments and strategic implications to the firm. Integrates current management accounting literature with considerations of planning, control, decision-making and information needs of the firm.
Prerequisite(s): completion of ACC 302, ACC 302P or PMBA 8220.

MACC 670 Accounting Internship 3 Credits
This course provides on-site experiential learning through supervised employment with a participating company. Students will be reviewed periodically by senior staff. Academic assignments, including a formal report, will be developed in conjunction with a faculty member. Permission of the instructor is required.

PMBA 8020 Fundamentals of Accounting 3 Credits
For those students having no previous knowledge of accounting. Subject is approached from the point of view of the user of accounting information rather than that of the accountant who supplies the information. Surveys mechanics of accounting as a means to an end, emphasizing accounting as a tool of management and the language of business. Problems and cases bring out the managerial implications of accounting.

PMBA 8491 Business Law 3 Credits
Considers in depth the law relating to the sale of goods, commercial paper, and secured transactions as promulgated by the Uniform Commercial Code. Explores warranties, guarantees, remedies, and product liability. Also considers the law of agency, partnerships and corporations. International dimensions of sales law and related topics are addressed. Students who have taken BUS 211 Commercial Law or BUS 214 Advanced Business Law cannot take this course. This elective is particularly appropriate for students in the MAcc program and in anticipation of CPA law requirement.
Prerequisite(s): BUS 210 Introduction to Law: Contracts or its equivalent at another college or university; requires completion of MBA pre-program courses.

Sport Management Graduate Certificate

Overview

Rider's Sport Management Graduate Certificate program is designed to provide its students with an edge to enter into, or enhance their current business careers, in the continually growing sports industry, deemed one of the most challenging industries to break into. The curriculum develops students' breadth of knowledge on sport management business ideologies, as well as their ability to apply these concepts to the sport business industry to become effective leaders and decision makers in this unique field.

Situated in Central New Jersey, Rider University is uniquely positioned between two of the largest sports cities in the U.S., New York and Philadelphia, and in a state with numerous sports leagues, associations and businesses. This proximity allows Rider's Sport Management program to build relationships with sports industry employers that benefit Rider students in the classroom and in the job market.

Current MBA and MAcc students can earn the Sport Management Certificate, while pursuing their graduate degree, with minimal additional courses.

Program Requirements

1. Communication skills with a particular emphasis on sport management concepts and modes of operation;
2. Information literacy, which includes the research and collection of information, evaluating its quality and synthesizing it for effective use within the organization;
3. Analytical and critical thinking including identifying issues occurring in the sport industry and organizations, applying quantitative or qualitative problem-solving tools, drawing logical conclusions through critical analysis, and making strategic decisions for the organization.
4. Ethics and social responsibility, which includes the ability to identify and evaluate ethical and social responsibility issues within the sport industry and organizations and understand their impact on decisions within a diverse personal and professional setting.

Certificate Awarded

- Graduate Certificate in Sport Management

Contact

Dean's office
Graduate Programs
Sweigart Hall

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Sport Management Graduate Certificate Requirements

(12 credits)

Core Curriculum

Code	Title	Credits
Complete the following courses:		
PMBA 8402	The Business of Sports	3
PMBA 8403	Sport Analytics [1]	3
PMBA 8404	Sports Marketing	3
PMBA 8405	Legal and Ethical Issues in Sports	3
With permission of the Dean's Office, students may replace one of the courses listed above with one of the following options:		
PMBA 8902	Independent Studies in Business Administration	
PMBA 8905	Internship	
Total Credits		**12**

1

PMBA 8051 - Fundamentals of Statistics is a prerequisite for this course. It may be waived with previous coursework. Email gradbusiness@rider.edu (http://catalog.rider.edu/graduate/colleges-schools/business-administration/programs-certificates/sport-management-graduate-cert/gradbusiness@rider.edu/) for more information.

Certificate Completion

To complete the BA Certificate Program, students must meet the following requirements:

- Overall GPA of 3.0 in the Business Analytics Certificate Program;
- Cannot have any grades below at “C”.

Courses and Descriptions

PMBA 8402 The Business of Sports 3 Credits
This course examines diverse managerial issues involving the sports industry. The course covers topics at the league level, the team level, the athlete-agent level, and the college level. The constituencies with interests in sports issues such as athletes, fans, media, companies, advertisers, and legislators are discussed along with global aspects of sports enterprises. Valuation issues related to sports teams are also covered. The course is designed to integrate all aspects of businesses as they apply to sports with an emphasis on strategy, management, marketing, and finance.

PMBA 8403 Sport Analytics 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of hands-on labs, a data project, a research project, quizzes, and online discussions. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports. This course assumes a basic level of skill working with Microsoft Excel.
Prerequisite(s): PMBA 8051 or waiver.

PMBA 8404 Sports Marketing 3 Credits
This course explores the complex and diverse nature of sports marketing. It applies fundamental marketing concepts to the sports industry, including the marketing mix, consumer behavior, marketing research, segmentation analysis, and assessment of marketing programs specific to sports. Guidelines for the formulation of marketing plans and strategies will be included. Trends, issues, and problems influencing the industry will also be examined. Discussions cover professional, collegiate, non-profit, and other areas of the sport industry.

PMBA 8405 Legal and Ethical Issues in Sports 3 Credits
The purpose of the course is to familiarize the students with the business of sports and various issues related to sports management. Legal, ethical, economic, social and managerial issues related to sports will be addressed. Sports law issues which will be covered include tort law, contract law, employment discrimination, antitrust law and constitutional law. Also covered will be the structures and authority of the organizations involved in amateur and professional athletics.

PMBA 8902 Independent Studies in Business Administration 3 Credits
Involves a program determined by the individual faculty member and approved by the program director. Written assignments are required as part of this rigorous academic experience. Students are eligible for a maximum of one independent elective and should have completed at least three breadth courses prior to the start of the independent study.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

PMBA 8905 Internship 1-3 Credits
In order to supplement in-class learning with practical training, an internship may be taken for up to three elective credits. The internship may not be performed at a student’s current employer. An internship may only be taken if the student has been enrolled for at least one full academic year and, during the semester they receive credit for the internship, the student is taking at least three graduate-level classes (including the internship course). The course will be supervised by a full-time faculty member and will follow a structure similar to that of an independent study. Course grades will be determined by evaluations from the student's on-site supervisor, as well as the sponsoring faculty member.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

Graduate Program Policies

Academic Integrity (p. 1366)

Admission Classifications (p. 1365)

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Course Repeat Policy (p. 1366)

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Graduation Requirements and Application (p. 1366)

Honors Graduates (p. 1366)

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Undergraduate Students Taking Graduate Business Courses (p. 1366)

Admission Requirements

No decision is made on an application for admission to the graduate programs of business administration until all required documents have been submitted. These include a completed application form, the $50 application fee, official notification by GMAC as to the score achieved on the GMAT - Graduate Management Admissions Test (unless waived), your resume, statement of aims and objectives, and an official transcript from every institution of higher learning attended. To be admitted to the programs, an applicant must show evidence that he or she has earned a bachelor's degree or equivalent from an accredited institution of higher learning and has the potential to perform satisfactorily at the graduate level. The primary criteria used in making admission decisions are the undergraduate grade point average, the score achieved on the GMAT (unless waived), professional experience, and graduate level GPA (if applicable). The Graduate Record Examination (GRE) is acceptable as an admissions examination in place of the GMAT.

International Applicants

International students are required to present evidence of completion of a university degree equivalent to, or higher than, a bachelor's degree in the United States. If you studied at a previous higher education institution that was outside the United States, you will be required to have a course-by-course evaluation of your credits by any credential evaluation service that is a member of the National Association of Credential Evaluation Services (NACES). View a list of members (https://www.naces.org/members/), such as Spantran (https://spanside.secure.force.com/SpantranApplication/?Id=23dfa95b-4665-4414-80c0-89578b0508e6), Josef Silny & Associates, Inc. (https://www.jsilny.org/pdf/RiderUniversity.pdf), or International Education Evaluators (https://myiee.org/university/rider-university/).

GMAT/GRE Waiver Guidelines

MBA / Online MBA/MS in Information Systems Applicants

MBA/MBA Online/MS in Information Systems applicants who meet the one of the following criteria established by the Norm Brodsky College of Business would qualify for a waiver for the GMAT/GRE:

1. Applicant has graduated from a regionally accredited undergraduate program with a bachelor's degree AND has one of the following:
   a. A minimum cumulative undergraduate GPA of 3.0.
   b. 5 or more years of professional experience (reviewed on a case-by-case basis)
2. Applicant has earned a graduate degree from a regionally accredited program.
3. Applicant has passed a business-related, professional certifying exam, such as the CPA, CFA, CMA, etc (reviewed on a case-by-case basis).

MAcc / Online MAcc Applicants

MAcc/ MAcc Online applicants are not required to provide a GMAT or GRE score with their application.

Graduate Business Certificate Programs - Business Analytics, Forensic Accounting and Sport Management - Admission Requirements

An application for admission to the graduate certificate program of business administration is not reviewed for a decision until all required documents have been submitted. These include a completed application form, the $50 application fee, your resume, and an official transcript from every institution of higher learning attended.

To be considered for admission into one of Rider's Graduate Certificate Programs, you must hold a minimum of a bachelor's degree or its equivalent from an accredited institution of higher learning with a GPA of 3.0 or better.

Admission Classifications

Each student admitted to the MBA, MS-IS or MAcc program is assigned to one of the following classifications:

Full Standing

Students who have full standing are permitted to register for any foundation courses that have not been waived or for certain breadth courses, if those courses are needed by the student.

Conditional Admission

Conditionally admitted students have been admitted into the graduate business program with specific conditions outlined for them to meet within the first 6 credits they take in the program. These conditions may include maintaining a certain GPA and taking specific courses within the program as part of those first 6 credits.

Conditionally admitted students must meet the foundation course requirements for the specific classes they take and may not take classes that could be waived if they were admitted to the program.

Non-Degree Students

Prospective students may take MBA classes as non-degree students under the following conditions:

- graduated with an undergraduate degree from an accredited university with a minimum 3.0 GPA OR has earned a graduate degree
- meets prerequisite requirements for desired course(s).

Non-degree students will only be allowed to take 6 credits in the graduate business program. If a non-degree student desires to take more than 6 credits in the graduate business program, he/she will need to fully apply to the program.

Special

Special student status is granted to those students enrolled in a graduate program at another institution who have been granted permission to take graduate business courses at Rider.

Graduate certificate program students are admitted as "full standing" only.

Transfer of Courses

A student may request the transfer of a graduate course taken at an AACSB-accredited institution. Such a request may be granted if the

course was taken within the past three years, was passed with a grade of "B" or higher, and was taken before admission to the graduate program at Rider. Once a student has been admitted to the program, graduate courses taken at other AACSB-accredited institutions must have prior approval of the Dean's Office before transfer credit will be allowed. A maximum of six semester hours of transfer credit may be granted for application against the elective requirements. No academic credit will be granted for corporate-sponsored management or professional development courses.

Advising

The Dean's Office works with the graduate coordinator and academic advisors to advise students in all graduate business programs and tracks program progress. Students are also encouraged to contact members of the faculty and the program's executives-in-residence for career and related advising.

Note: The most significant policies and procedures for the graduate business programs are covered in this catalog. Questions and issues not addressed here default to other University-wide policy statements.

Course Repeat Policy

With the written permission of the Dean's Office, graduate business students may repeat graduate courses for which they received grades of "C+" or lower. Both grades will appear on the student's transcript, but only the second grade will count in the GPA.

Academic Integrity

Students are expected to conduct themselves professionally and with the highest standards of academic integrity. See Rider's Code of Academic Integrity (p. 1609) in this catalog for further information.

Dismissal

Rider University reserves the right to dismiss any student when, in the judgment of the faculty or officers of Rider, such action seems advisable. A student in a graduate business program will be subject to dismissal based on academic standing for any of the following reasons:

- Receiving more than two grades of "C+" or below in graduate-level work;
- Completing graduate course work with a cumulative grade point average of less than 3.0; or,
- Failure to complete the MAcc, MBA, or MS-IS program in the required six years.

In all cases of dismissal, graduate business students have the right of appeal. Academic standing dismissal is a progressive process with student participation and advising designed to help students regain good academic standing. Students approaching the six-year time limit to complete a graduate business program may request a time limit extension prior to actual dismissal. The request should be based on unique work requirements, personal, or other reasons. Time limit appeals will be reviewed and acted on by the Dean's Office.

Honors Graduates

Students who graduate with an overall grade point average of 3.85 or better are designated as graduating with distinction. This term appears on the student's official transcript, below the student's name in the commencement program and on the diploma.

Graduation Requirements and Application

To graduate from the a graduate business degree or certificate program, students must have completed all of the course requirements as described above, within the six-year time frame, and have a cumulative Grade Point Average (GPA) of 3.0 or above. In addition, a candidate for graduation:

- Cannot have any grades below a "C ", and cannot have received more than two grades of "C+" or "C" in graduate-level courses.

A student who expects to graduate with a graduate degree must complete and file a degree application form no later than the date indicated on the calendar for each semester, found at the front of this publication.

Undergraduate Students Taking Graduate Business Courses

Seniors enrolled in any business major can take one or two graduate business courses (PMBA or MAcc) in the last semester of their senior year if the following conditions are met:

For taking an PMBA course:

- Students must have at least a 3.5 GPA;
- Students may take an elective or PMBA breadth course if all prerequisites have been met.

For taking a MAcc course:

- Students must have at least a 3.3 GPA or higher overall and in accounting courses;
- Students may take any MAcc course, if all prerequisites have been met.

A graduate business course taken as an undergraduate can fulfill the requirements of only one program, either graduate or undergraduate. There is no "double dipping" of coursework between graduate and undergraduate programs. Permission to take such courses will be granted by the Dean's Office based on a review of a student's academic record.

Norm Brodsky College of Business Faculty

Edward Adams
Priority Adjunct Assistant Professor, Department of Finance and Economics
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College of Education and Human Services

http://www.rider.edu/cehs (http://www.rider.edu/cehs/)

The College of Education and Human Services prepares students to be effective educators. Rider was the first private New Jersey institution to hold the highest accreditation possible in teaching from the National Council for the Accreditation of Teacher Education (NCATE), now known as the Council for the Accreditation of Educator Preparation (CAEP (http://caepnet.org/)). This in turn offers graduates added value and recognition nationwide when seeking employment or admission to graduate study. The College has created partnerships with local schools, businesses, and government and community agencies so that students work collaboratively to develop high-quality programs. Professors value excellence in teaching, scholarship and service and serve as devoted advisors and mentors who relate well to each and every student.

Graduate Education, Leadership, and Counseling

The **Department of Graduate Education, Leadership, and Counseling** strives to provide quality programs with personal attention. Our full-time faculty, all of whom have doctoral degrees, teach the majority of our courses. The College of Education and Human Services is accredited by the Council for the Accreditation of Educator Preparation (CAEP (http://caepnet.org/)) and our Master's degrees in Counseling Services and Clinical Mental Health Counseling are accredited by the Council for the Accreditation of Counseling and Related Educational Programs (CACREP (https://www.cacrep.org/)). Other programs that have received national accreditation include School Psychology and Educational Leadership.

Classes are scheduled to enable those who work full-time to complete their programs. Class sizes are moderate to small, and many degree programs have internships.

The department offers educational specialist degrees, master's degrees, a doctoral degree, and certifications and endorsements in a variety of areas. These degree programs of study, their descriptions, and the certifications associated with them appear under programs and certificates (p. 1373). Course descriptions for each program can be found in this catalog and on the Registrar's Office website. All programs require an application available from the Office of Graduate Admission (https://www.rider.edu/admissions/graduate/).

You may also apply as a special student in some programs. Students enrolled in graduate programs elsewhere or students seeking course work for professional development not leading to a degree, certification or endorsement from Rider University may take courses as a special student. Apply to the Office of Graduate Admission (https://www.rider.edu/admissions/graduate/).

Mission Statement

The College of Education of Education and Human Services develops committed, reflective practitioners who create an environment where knowledge and diversity are valued. We foster the growth of actively engaged students who take responsibility for learning the foundations of their future practice. We perceive 21st century challenges – Globalization, Technology, Diversity, Environmental Awareness, Exponential Knowledge Growth, and prepare students who are aware of social and individual complexity and are able to thrive in an evolving, shifting and interactive society.

College of Education and Human Services Conceptual Framework

Commitment

Commitment is a value highly prized by the College of Education and Human Services, serving as an essential cornerstone for teaching and learning. Commitment is a set of connected attitudes, values, and beliefs that result in professional behaviors expected of dedicated educators.

Expanding Knowledge

In the College of Education and Human Services, we emphasize both content and pedagogical knowledge as we prepare our students. We design classroom and field experiences to help students learn this knowledge and apply it in practice. Students are expected to use their technological expertise as a tool in learning and to reference relevant standards when either planning for or reflecting on their own classroom work, as well as that with their own students or clients.

Reflection

The College of Education and Human Services defines reflection as the process of thinking clearly and deliberately to promote understanding and to actively foster the exercise of in depth thinking about professional practice. We believe that reflection, grounded in active experience, has value for developing educators, when practiced consistently and systematically through such activities as classroom observation, continuous self-assessment, and journal writing.

Professionalism

Novice and experienced educators enrolled in the College of Education and Human Services are on a career-long path toward professionalism and are not viewed as totally developed and

experienced professionals upon graduation. Our goal is to encourage students to become thoughtful, creative problem-solvers as they begin and refine the acquisition of craft and knowledge in their ongoing journey toward higher levels of professional success.

Admission Status

Upon completion of the steps in the application procedures described below, the applicant will be assigned to one of the following classifications once admitted:

Graduate Standing

The student is qualified to undertake graduate study and is recognized as a degree or certification candidate upon admission;

Conditional Standing

Students who do not satisfy all of the admission requirements or have not completed all of the undergraduate preparatory requirements or both may be permitted to enroll in studies during a probationary period not exceeding twelve (12) graduate credits (six credits for the Master of Science in Nursing [M.S.N.]) with a minimum grade point average of 3.0. Students who fail to attain a 3.0 grade point average upon completion of up to twelve (12) credits (six for the M.S.N.) will be subject to dismissal.

Special Standing

This category of admissions applies to those students who may need only several courses, often for the purpose of obtaining certification. If special standing students apply for admission to a master's, educational specialist, or doctoral degree program and are accepted, they may apply for transfer of course credits toward that program according to policy guidelines of the Department.

Transfer of Credit

Upon application to and before admission to any graduate degree program in education, leadership, and counseling, students may request transfer of up to 12 semester hours of graduate credits completed at an accredited institution, or up to 30 graduate credits for the Clinical Mental Health Counseling program. These credits must have been earned within six years of the date of credit transfer approval. All transfer credits must be approved by the program director and the department chair. Courses accepted for transfer must be similar to required or elective courses that are approved for the respective programs, and a grade of at least "B" must have been earned in each of these courses.

Students who are eligible to transfer graduate credits from other institutions must submit official transcripts of these credits. The Department of Graduate Education, Leadership, and Counseling will consider specific written requests for appropriate transfer credits. Official transcripts covering courses submitted for transfer must accompany the written request for such transfer if the transcripts have not already been filed.

Transfer of Credit for Educational Specialist (Ed.S.) Students

The Department of Graduate Education, Leadership, and Counseling recognizes that students enrolled in an educational specialist program may enter after completing an appropriate master's program. Consideration is typically given to their prior graduate training and its application to the current degree. The program director/designee and the department chairperson will determine the number of credits to be transferred given the following guidelines.

Guidelines for Transfer of Credits for Ed.S. Students

- All transfer credits must carry a letter grade of at least "B."
- Transfer credits must be taken within six years from the date of acceptance into the program. Exceptions may also be granted by the program director/designee for courses where content remains consistent over time and supports current program objectives.
- For students in the School Psychology Program up to 36 credits may be transferred so long as course equivalency can be thoroughly documented. Students in the Counseling Services Program may transfer up to 48 credits from a CACREP approved program. Students admitted from a non-CACREP approved program may transfer up to 36 credits.
- Official transcripts must accompany the request for transfer of credit. The program director/designee must approve the credits to be transferred upon admission.
- Credits approved for transfer will be added to the student's transcript at the time of admission to the program.
- Course descriptions and/or syllabi of the courses being requested for transfer may be required.

Course Repeat Policy

Students may not repeat any graduate course for credit that they have already taken, except a course in which they have received a grade lower than "B" or one from which they withdrew. Any exceptions must be approved by the program director and department chair.

Comprehensive Examination

Students who are pursuing a graduate program leading to the Master of Arts in counseling services, clinical mental health counseling, or to an Educational Specialist degree in school psychology must successfully pass a comprehensive examination covering knowledge of a specialized field; major concepts, theories and ideas; techniques for applying to a problem area knowledge of the specialized field and/or the related areas of foundations and research; adequate communication of ideas in light of the question(s) posed.

The date, location, and time of the Comprehensive Examination is determined by the appropriate program director. Only those students who have achieved the following requirements for the Master's or EdS degree are eligible to sit for this exam:

- A cumulative average of 3.0 or better by the time of application for the comprehensive exam.
- In the last semester of the program; or, may take the examination in the spring if only one course remains and will be taken in the summer. Permission of program director/designee is required.

Application for Comprehensive Examination and Graduation

A student who plans to take the comprehensive examination and graduate must fill out and file an Application for Comprehensive Examination and Graduation form on or before their final semester. This form must be filed with the chair of the Department of Graduate Education, Leadership, and Counseling.

Dismissal

Any one of the following situations will result in the automatic dismissal of a student working toward a graduate degree or certification program in the Department of Graduate Education, Leadership, and Counseling:

- Receiving two grades of "F" in graduate course work in either the same graduate course or in two different graduate courses;
- Receiving any grade of C (C+, C, or C-) or lower in more than two graduate courses (with the exception of the graduate nursing program where receiving more than two grades of C or lower in nonclinical courses or B- or lower in concentration and practicum courses, or any combination thereof will result in dismissal);
- Not attaining a grade point average of 3.0 for the Master's degree and certificate programs or a grade point average of 3.3 for the Educational Specialist degree or the Ed.D. after taking twelve or more graduate credits at Rider University;
- Failing the comprehensive examination for the second time (pertains only to students enrolled in degree programs that require the examination);
- Failure to complete degree or certification requirements in six years (with the exception of the Master's in Counseling Services program, which is eight years from the date of acceptance into the program; the Master's in Clinical Mental Health Counseling, which is 10 years from the date of acceptance into the program; and the Ed.S. in School Psychology, which is 10 years from the date of acceptance into the program).

The Department of Graduate Education, Leadership, and Counseling reserves the right to dismiss any student when, in the judgment of the faculty or the officers of Rider, such action seems advisable.

Honors Graduates

Students who graduate with an overall grade point average of 3.85 or better are designated as graduating with distinction. This term appears on the student's official transcript, below the student's name in the commencement program, and on the diploma.

Programs of Study

Degrees Offered

The Educational Specialist (Ed.S.) degree is offered in:

- School Psychology (p. 1424)

The Master of Arts (M.A.) degree is offered in the following areas:

- Athletic Leadership (p. 1373) (online)
- Clinical Mental Health Counseling (including Clinical Mental Health Counseling with a Dance/Movement Therapy concentration) (p. 1378)
- Counseling Services (p. 1385)
- Educational Leadership (p. 1397)
- Organizational Leadership (p. 1416) (online)
- Special Education (p. 1431) (online)
- Teaching (p. 1452)
- Teacher Leadership (p. 1440)

The Education Doctorate (Ed.D) is offered in the following area:

- Educational Leadership (p. 1391)

In addition, the department provides opportunities for study leading to teacher certification and other types of educational and human services certification.

Certificates Offered

The Department of Graduate Education, Leadership, and Counseling provides an opportunity for study leading to teacher certification and other types of certification and credentialing in the following areas:

- Comprehensive Business (K-12) (p. 1384)
- Dance (K-12) (p. 1389)
- Early Childhood (P- 3) (p. 1395)
- Elementary (K–6) (p. 1401)
- English as a Second Language/ESL (K-12) (p. 1403)
- English as a Second Language/ESL Endorsement Certificate (P-12) (p. 1405)
- English (K-12) (p. 1402)
- Life and Career Coaching Certificate (p. 1407)
- Mathematics (K-12) (p. 1409)
- Music (K-12) (p. 1410)
- Post-Baccalaureate Teacher Certificate (p. 1420)
- Reading Specialist Endorsement (p. 1423)
- Principal Certificate (p. 1421)
- School Counselor (p. 1385)
- School Psychologist (p. 1424)
- Science Certificate in Biological Science, Chemistry, Earth Science, Physical Science, and/or Physics (K-12) (p. 1428)
- Social Studies (K-12) (p. 1429)
- Student Assistance Coordinator Certificate (p. 1435)
- Supervisor of Instruction Certificate (p. 1437)
- Talent and Organizational Development Certificate (p. 1439)
- Teacher Leadership Professional Development Certificate (p. 1449)
- Theater (K-12) (p. 1453)
- World Languages Certificate in French or Spanish (K–12) (p. 1455)

Endorsement to Existing Teaching Certificates

- Bilingual Education Endorsement Certificate (p. 1377)
- English as a Second Language/ESL Endorsement Certificate (P-12) (p. 1405)
- Early Childhood (P–3) (p. 1395)
- Teacher of Students with Disabilities Certificate (p. 1433) (online)

General Master's Degree Application Requirements

All programs require an application available from the Office of Graduate Admission. A decision is made about an application for admission only when all required credentials have been submitted. Application deadlines and requirements are specified by graduate admissions (https://www.rider.edu/admissions/graduate/how-apply/graduate-education-counseling-leadership-students/) for specific programs. Completed applications received after the official deadline may be given consideration pending program capacity.

The faculty encourages prospective students from diverse ethnic and cultural backgrounds to apply.

General Master's Degree Requirements

To qualify for the Master's degree, the candidate must:

- Comply with the general requirements concerning graduate study;
- Enroll in graduate study at Rider for no fewer than two academic semesters or the equivalent thereof;
- Complete the number of semester hours of graduate credit required by the degree or certification program;
- Complete an internship/practicum as required by individual programs;
- Successfully pass a written comprehensive examination or other approved exit requirement;
- Attain and maintain an average grade of "B" (3.0) or better for work submitted for the Master's degree, a certification program or a 3.3 grade-point average for the Educational Specialist degree and the Ed.D;
- Complete the program within six years of the enrollment date of the first course (with the exception of the Master's in Counseling Services program, which is eight years from the date of acceptance into the program; the Master's in Clinical Mental Health Counseling, which is 10 years from the date of acceptance into the program; and the Ed.S. in School Psychology, which is 10 years from the date of acceptance into the program).

Match Your Area of Interest to a Graduate Education Program

If you are interested in	See program in
• Clinical Mental Health Counseling (including CMHC with a Dance/Movement Therapy concentration)	Clinical Mental Health Counseling (p. 1385)
• School Counseling (Elementary and Secondary)	Counseling Services M.A. (p. 1385)
• Student Assistance Coordinator	Student Assistance Coordinator Certificate (p. 1435)
• Life and Career Coaching	Life and Career Coaching Certificate (p. 1407)
• School Psychologist	Educational Specialist in School Psychology (p. 1424)
• Curriculum Specialist • Data Coach • Literacy Coach • Reading Specialist Endorsement • Supervisor of Instruction (K-12 including business education and subject specialties) • Teacher Mentor • Teacher Development and Professional Advancement	Teacher Leadership (p. 1440)
• Bilingual Education Teacher • Comprehensive Business (K-12) Education Teacher • Dance Education (K-12) • Early Childhood (P - 3) • Elementary (K - 6) • English (K-12) • English as a Second Language (ESL) (K-12) • Mathematics (K-12) • Music (K-12) • Post-Baccalaureate Teacher Certificate • Reading Specialist Endorsement • Science Certificate in Biological Science, Chemistry, Earth Sciences, Physical Science, and/or Physics (K-12) • Social Studies (K-12) • Teacher Development and Professional Advancement • Theater Education (K-12) • World Language Certificate in French or Spanish (K-12)	Teaching (M.A.T.) (p. 1452)
• Assistant Principal • Athletic Director • Principal • School Administrator • Supervisor of Instruction	Educational Leadership (p. 1397)
• Special Education Teaching Certification (Teacher of Students with Disabilities (TOSD))	Special Education Teaching Certification (http://catalog.rider.edu/graduate/colleges-schools/education/programs-certificates/teacher-ofstudents-disabilities-certificate/)
• Academic Advising • Enrollment Management • Higher Education Administration • Student Affairs	Higher Education Leadership Certificate (p. 1406)
• Talent and Organizational Development • Higher Education Leadership • Leadership in Counseling-Related Services • Life and Career Coaching	Organizational Leadership M.A. (p. 1416)
• Advanced Leadership in Educational Organizations	Doctor of Educational Leadership (p. 1391)
• Athletic Leadership	Athletic Leadership (p. 1373)

Programs and Certificates

College of Education and Human Services

Program	Degree	Certific	Concentration
Athletic Leadership (M.A.) (p. 1373)	✓		
Bilingual Education Certificate (p. 1377)		✓	
Clinical Mental Health Counseling (M.A.) (including CMHC with a Dance/Movement Therapy concentration) (p. 1378)	✓		✓
Comprehensive Business (K-12) (p. 1384)		✓	
Counseling Services (M.A.) (p. 1385)	✓		
Dance (K-12) (p. 1389)		✓	
Doctor of Educational Leadership (p. 1391)	✓		
Early Childhood (P-3) (p. 1395)		✓	
Educational Leadership (M.A.) (p. 1397)	✓		
Elementary (K-6) (p. 1401)		✓	
English (K-12) (p. 1402)		✓	
English as a Second Language/ESL (K-12) (p. 1403)		✓	
English as a Second Language/ESL Endorsement Certificate (K-12) (p. 1405)		✓	
Higher Education Leadership Certificate (p. 1406)		✓	
Life and Career Coaching Certificate (p. 1407)		✓	
Mathematics (K-12) (p. 1409)		✓	
Music (K-12) (p. 1410)		✓	
NJ Alternate Route Teacher Certification (p. 1412)		✓	
Organizational Leadership (M.A.) (p. 1416)	✓		
Post-Baccalaureate Teacher Certificate Program (p. 1420)		✓	
Principal Certificate (p. 1421)		✓	
Reading Specialist Endorsement (p. 1423)		✓	
School Psychology (Ed.S.) (p. 1424)	✓		
Science Certificate in Biological Science Chemistry Earth Science Physical Science and/or Physics (K-12) (p. 1428)		✓	
Social Studies (K-12) (p. 1429)		✓	
Special Education (M.A.) Online (p. 1431)	✓		
Special Education Teaching Certification (Teacher of Students with Disabilities (TOSD)) (p. 1433)		✓	
Student Assistance Coordinator Certificate (p. 1435)		✓	
Supervisor of Instruction Certificate (p. 1437)		✓	
Talent and Organizational Development Certificate (p. 1439)		✓	
Teacher Leadership (M.A.) (p. 1440)	✓		
Teacher Leadership Professional Development Certificate (p. 1449)		✓	
Teaching English to Speakers of Other Languages (TESOL) (p. 1451)		✓	
Teaching (M.A.T.) (p. 1452)	✓		
Theater (K-12) (p. 1453)		✓	
World Languages Certificate in French or Spanish (K-12) (p. 1455)		✓	

Athletic Leadership M.A.

The Master of Arts in Athletic Leadership provides current and aspiring coaches and administrators, at all levels, the opportunity to obtain a graduate education focused on leadership, ethics, and coaching development within the current landscape of athletics. This graduate program is designed to promote personal and professional growth in leadership, coaching integrity, and community influence using most of the standards of the National Association for Sport and Physical Education (N.A.S.P.E.) (http://pgpedia.com/n/national-association-sport-and-physical-education/) and the university's commitment to preparing caring, competent, and connected graduates. This program will promote the university mission of educating students to meet the challenges of our times. Intercollegiate athletics is a core component of the college experience and developing leaders within this context promotes multiple aspects of the Rider mission that include good decision-making, ethical lifestyles, and tolerance and respect for others.

Curriculum Overview

There are two models for the degree program, both requiring 36 credit hours. The first model is a "4+1" program for undergraduates in which two (2) courses (ATHL 501 (http://catalog.rider.edu/search/?P=ATHL%20501) and ATHL 502 (http://catalog.rider.edu/search/?P=ATHL%20502)) are completed by rising seniors; the remaining 30 hours will be completed post-graduation. The second model is a traditional master's program consisting of 36 credits. The program allows the possibility of receiving credit for up to six (6) hours of the coaching/athletic administrative work depending upon prior professional experience (e.g., 2 years of full-time coaching or athletic administrative experience).

Degree Offered

- M.A. in Athletic Leadership

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Program Website: M.A. in Athletic Leadership (http://www.rider.edu/academics/colleges-schools/college-continuing-studies/programs-offerings/degrees-certificates-working-adults/ma-athletic-leadership/)
Associated College: College of Education and Human Services (https://www.rider.edu/academics/colleges-schools/college-education-human-services/)

Related Undergraduate Programs:

- Sport Management (http://catalog.rider.edu/undergraduate/colleges-schools/business-administration/majors-minors-certificates/sport-management/)
- Sports Media (http://catalog.rider.edu/undergraduate/colleges-schools/liberal-arts-sciences/majors-minors-certificates/sports-media/)
- Sports Studies (http://catalog.rider.edu/undergraduate/colleges-schools/business-administration/majors-minors-certificates/sport-studies/)

Athletic Leadership M.A. Program Requirements

(36 credits)

All students must complete the Core Requirements below and select one of the following Tracks:

- Athletic Administration Track
- Career Exploration Track
- Coaching Track
- Sports Psychology Track

Athletic Leadership Core Requirements (15 credits)

Code	Title	Credits
The following courses are required for each track:		
ATHL 501	Sport Psychology	3
ATHL 502	Evidence-Based Research and Athletics	3
ATHL 515	Athletic Leadership	3
ATHL 650	Internship of Athletic Leadership [1]	3
ATHL 651	Internship of Athletic Administration [1]	3
Total Credits		**15**

1

Students may complete both ATHL 650 and ATHL 651 for 3 credits each or complete a total of 6 credits in either course.

Elective Course Options for All Tracks

See each track to determine the number of elective courses to select.

Code	Title	Credits
ATHL 507	Athletic Governance and Policy	3
ATHL 508	Athletic Risk Management & Wellness	3
ATHL 509	Seminar in Legal and Ethical Issues in Athletics	3
ATHL 514	Women and Sports	3
ATHL 516	Sport Analytics	3
ATHL 517	Athletic Finances	3
ATHL 518	Athlete Development	3
ATHL 519	Ethics in Sport	3
ATHL 550	Current Issues in Athletics	3

Athletic Administration Track

(15 credits plus core and elective credits)

Code	Title	Credits
Core Courses (see above)		**15**
Required Courses for Track:		**12**
ATHL 505	Athletic Communication and Marketing	
ATHL 506	Athletic Facilities Management	
ATHL 621	Concepts and Principles of Athletic Administration	
ATHL 622	Administrative Decision-Making	
Elective Course Credits		**9**
Select 9 credits from the list of elective courses or from the courses available under any Track option.		
Total Credits		**36**

Career Exploration Track

(15 credits plus core and elective credits)

Code	Title	Credits
Core Courses (see above)		**15**
Elective Course Credits		**21**
Select 21 credits from the list of elective courses and/or those offered for a different Track.		
Total Credits		**36**

Coaching Track

(15 credits plus core and elective credits)

Code	Title	Credits
Core Courses (see above)		**15**
Required Courses for Track:		**12**
ATHL 504	Seminar in Athletic Training	
ATHL 508	Athletic Risk Management & Wellness	
ATHL 601	Concepts and Principles of Coaching	
ATHL 602	Developing a Philosophy of Coaching	
Elective Course Credits		**9**
Select 9 credits from the list of elective courses or from courses under any Track option.		
Total Credits		**36**

Sport Psychology Track

(9 credits plus core and elective credits)

Code	Title	Credits
Core Courses (see above)		**15**
Required Courses for Track:		**9**
ATHL 520	Psychological Skills Training	
ATHL 521	Clinical Sport Psychology	
ATHL 522	Assessment in Sport Psychology	
Elective Course Credits		**12**
Select 12 credits from the list of elective courses or from courses under any Track option.		
Total Credits		**36**

Athletic Leadership M.A. 4 + 1

Overview

The Athletic Leadership M.A. 4+1 option is designed for undergraduate students who wish to combine undergraduate study in a major leading to a Bachelor's degree with graduate study leading to a Master of Arts in Athletic Leadership. Eligible students may complete six credits as an undergraduate, then 30 credits to complete the graduate requirement.

Undergraduate students accepted into the program will take the following two (2) courses during their Senior year.

- ATHL 501 (http://catalog.rider.edu/search/?P=ATHL%20501)
- ATHL 502 (http://catalog.rider.edu/search/?P=ATHL%20502)

The remaining 30 credits will be completed upon acceptance into the M.A. in Athletic Leadership program.

The admission process for this program ensures that only capable students are enrolled. For more information please visit the Master of Arts in Athletic Leadership (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/graduate/athletic-leadership/) page on the Rider website.

Contact:

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Courses and Descriptions

ATHL 501 Sport Psychology 3 Credits
This course covers psychological and social-psychological antecedents and consequences of exercise, physical activity, and sports participation. Emphasizes theory and research on personality, motivation, arousal, cognition, attributions, attitudes, self-efficacy, leadership effectiveness, and group dynamics. Emphasis is placed on applications for maximizing effectiveness while serving in the position of coach or administrator.
Prerequisite(s): Permission of Program Director.

ATHL 502 Evidence-Based Research and Athletics 3 Credits
This course in research methods prepares the student to understand materials and issues associated with but not limited to the logic of the scientific method, research design, and qualitative and statistical analysis of data. Students will be afforded the opportunity to conduct research in the course on topics.
Prerequisite(s): Permission of Program Director.

ATHL 503 Strength, Speed, and Conditioning 3 Credits
Emphasis will be placed upon assessment, description, and analysis of sport movement and designing training programs to enhance performance variables. While this course will assist those who desire to sit for the National Strength and Conditioning Association's (NSCA) Certified Exam, it is NOT a preparation course for the NSCA-CSCS exam.
Prerequisite(s): Permission of Program Director.

ATHL 504 Seminar in Athletic Training 3 Credits
Introduces the profession of athletic training and the basic principles of preventative care commonly used in the profession. Topics will include athletic training facility organization and procedures; protective sports equipment; construction of protective devices; and application of protective taping, braces, wrapping, and protective pads. Areas to be studied include the role of the athletic trainer in sports medicine, mechanisms of athletic injuries, tissue response to injury, blood-borne pathogens, introductory techniques of the assessment and evaluation of athletic injuries and emergency procedures.
Prerequisite(s): Permission of Program Director.

ATHL 505 Athletic Communication and Marketing 3 Credits
Seminar in Sports Media and Communication is a critical examination of the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): Permission of Program Director.

ATHL 506 Athletic Facilities Management 3 Credits
Seminar in Facilities Management and Event Planning provides an examination of principles and techniques of planning and operating sport facilities. Emphasizes the principles and concepts of organization and administration including communication, personnel management, management of physical resources, and risk management. Examines a variety of sport operations such as indoor stadiums, athletic field complexes, and managing recreation and intramural activities.
Prerequisite(s): Permission of Program Director.

ATHL 507 Athletic Governance and Policy 3 Credits
Students in this course will explore principles, techniques, and processes related to the management of college athletics. It is important in today's dynamic environment of collegiate athletics that students value effective leadership and management principles. Through analyzing case studies, students will demonstrate problem solving related to handling athletic personnel and program issues. Studying collegiate athletic administration involves interpreting NCAA By-laws, including a comparison between Division I, II, and III compliance regulations. To ensure readiness for athletic management, students will evaluate the duties of an athletic director and create a strategic plan for an athletic department, including a mission statement and comprehensive budget. Lastly, students will characterize the critical steps to getting hired in collegiate athletics. Students will also prepare a portfolio, including an application letter and resume customized for applying for a position in athletic administration at the collegiate level. At the end of the course, students will understand the primary duties of the athletic director and the intricacies of managing an intercollegiate athletic program.
Prerequisite(s): Permission of Program Director.

ATHL 508 Athletic Risk Management & Wellness 3 Credits
Students in this course will explore proactive approaches to managing risks associated with conducting health, physical education, recreation and outdoor education programs. This course will emphasize safety as a foundation of quality program planning. Students will study governing associations and leadership/management skills required to be successful in the world of college athletics.
Prerequisite(s): Permission of Program Director.

ATHL 509 Seminar in Legal and Ethical Issues in Athletics 3 Credits
The purpose of the course is to familiarize the students with the business of sports and various issues related to sports management. Legal, ethical, economic, social and managerial issues related to sports will be addressed. Sports law issues that will be covered include tort law, contract law, employment discrimination, antitrust law and constitutional law. Also covered will be the structures and authority of the organizations involved in amateur and professional athletics.
Prerequisite(s): Permission of Program Director.

ATHL 514 Women and Sports 3 Credits
Women and Sport focuses on women winning access to the playing field as well as the front office in sport. Using research-based materials, course members will gain an understanding of how women have been involved in sport and physical activity, how women have struggled for widespread recognition and legitimacy, how women continue to carve out their role in shaping sport as it is known today, in the future, and society's ongoing conversation about what it means to be a female athlete or a woman working in sport.

ATHL 515 Athletic Leadership 3 Credits
In any profession or endeavor, the attitude and overall culture of a team is a direct reflection of its leadership. In the sports realm, there are many different leadership approaches that have been considered effective. This course will provide an overview of these approaches based on a comprehensive review of the literature related to sport leadership. The primary goals of this course are to help current and aspiring sport leaders gain a better understanding of effective leadership, to provide the necessary tools in developing effective leaders, and to provide networking opportunities for individuals who share similar goals and aspirations across various domains. The leadership principles may be beneficial to individuals in a variety of settings. This course offers coaches, administrators, players, and scholars the opportunity to learn and apply leadership principles within various contexts.

ATHL 516 Sport Analytics 3 Credits
This course will discuss the theory, development, and application of analytics in sports and the application of analytics in sports for purposes of in-game strategy, player performance, team management, sports operations, and fantasy competitions. Students will be introduced to topics in the applied analysis of sports, with a focus on supporting team decision-makers and applying modern, practical analytic techniques to sports data in search of actionable insight and a competitive edge. The four major team sports of North America (football, baseball, basketball, and hockey) will be the primary subjects of study, but the course's learning objectives are universally applicable to all sports. Emphasis will be placed upon becoming familiar with the full analytic life-cycle: asking productive and relevant research questions, finding the correct data, applying the appropriate tools, discovering insights, and clearly communicating results.

ATHL 517 Athletic Finances 3 Credits
Athletic Finances examines the financial tools that sports managers use to run their sport businesses. Course members will explore traditional and innovative methods of revenue acquisition and financial management in sports organizations, the financial business structure of sports organizations, and the financial planning and forecasting processes that make organizations effective. Various other aspects of finance are discussed as they relate to sports organizations, including the time value of money, capital structuring, stocks and bonds, inventory management, and higher education.

ATHL 518 Athlete Development 3 Credits
Athlete Development focuses on sports-specific learning to prepare athletes with the necessary critical elements leading to an improvement in their chosen sport, emphasizing technical development, physical preparation and sports specific knowledge. The course follows the Long-Term Athlete Development (LTAD) model, an approach to athlete-centered sport that combines skill instruction with long-term planning and an understanding of human development. The LTAD model integrates current research on talent development and assessment into practice to help sport leaders plan athletic development across the life span or design detailed programs for a particular group, including those with physical and cognitive disabilities.

ATHL 519 Ethics in Sport 3 Credits
Ethics in Sport focuses on focus on how people should treat one another in sport settings and, therefore, on a critical examination of ethical issues central to contemporary sport. As a class we will thus consider these questions: 1) What place, if any, does sport have in a good life? 2) What counts as cheating in sport, and why is it morally wrong? 3) Is it morally permissible to use performance-enhancing drugs or genetic forms of enhancement to boost athletic performance? 4) How is it possible to achieve equality for women in sports in a culture where dominant sports tend to privilege such traditionally male features as strength, power, and speed?.

ATHL 520 Psychological Skills Training 3 Credits
Psychological Skills Training (PST) teaches techniques grounded in mental training principles used by elite athletes, business professionals, and special operations personnel to achieve and maintain the highest levels of resilience, readiness, and performance. Classic PST techniques that define the canon of mental toughness will be presented with history and theory and extensive embedded self-exercises teaching self-awareness training, goal setting, imagery and visualization, attentional and concentration techniques, arousal and intensity regulation, and stress management. A complete mindfulness sports performance enhancement (MSPE) protocol using the latest research from the sport sciences, psychology, and neuroscience will be presented including guidance for building mindfulness skills essential to consistent, optimal performance.

ATHL 521 Clinical Sport Psychology 3 Credits
Clinical Sport Psychology presents a new way of thinking about the psychological processes that are involved in attaining and maintaining sport expertise. The course, based on clinical and sport research, bridges the gap between clinical and sport psychologists by presenting a model that connects athletic performance, basic psychological processes, and relevant empirical findings. Successful completion of course materials provides the practitioner with greater understanding of the varying dimensions of clinical phenomena and how nonclinical, subclinical, and clinical issues affect athletic performance and the overall well-being of athletes.

ATHL 522 Assessment in Sport Psychology 3 Credits
Assessment in Sport Psychology integrates and synthesizes the theoretical concepts of sport and performance psychology into meaningful application. Emphasis is placed on creating and then assessing performance-enhancement programs for clients through the exploration and application of theory, research, and intervention strategies to assist clients pursuing excellence. The construct of excellence is thoroughly explored, including common roadblocks and the type of contexts in which the skills and knowledge are used in the field of clinical mental health counseling, sport and performance, intrapersonal relationships, and career.

ATHL 550 Current Issues in Athletics 3 Credits
This course will provide students the opportunity to survey the various sub-disciplines related to coaching and athletic administration, and their methods of inquiry. The course will place emphases on critically appraising research literature, and data collection, data organization and analyses for various research questions.

ATHL 601 Concepts and Principles of Coaching 3 Credits
The learning experiences in this course are afforded through a variety of instructional approaches. This will ensure opportunities to meet the course objectives. Course content includes, but is not limited to, the following: philosophical foundations of coaching, integrity; program mission and priorities; scientific basis of sport; basic conditioning and training principles; basic wellness; psychological foundations of coaching; leadership strategies; communication; team dynamics and cohesion; personality, basic traits and states influencing performance; pedagogical principles of sport; learning motor skills; process of coaching; managerial functions of coaches-planning, controlling, evaluating; event/facility/equipment management; legal duties and risk management; promotions, marketing, fundraising for coaches; multitask management, self-management; intangibles in coaching.
Prerequisite(s): Permission of Program Director.

ATHL 602 Developing a Philosophy of Coaching 3 Credits
Athletic Coaching – Developing a Philosophy provides the opportunity to learn and reflect upon the necessary skills for a successful coach. The course will cover numerous topics to allow course members the opportunity to learn, evaluate and self-reflect on their abilities and skills as a coach, and to develop a personal philosophy of coaching. The course addresses the differences in levels of competitive sports, the personal roles that coaches should exhibit, the professional roles expected and the organizational influences on the world of a coach in order to maximize the development of athletes and team while progressing from one season to the next in the annual coaching cycle.
Prerequisite(s): Current enrollment in ATHL 601 or satisfactory completion of ATHL 601.

ATHL 621 Concepts and Principles of Athletic Administration 3 Credits
Concepts and Principles of Athletic Administration explores the complexities of intercollegiate athletics while explaining the organizational structures, key players, terms, and important issues most relevant to the growing but often misunderstood fields of recreational studies, sports management, and athletic administration. Intercollegiate athletics create unique challenges to higher education—for while they are closely integrated into their institutions—athletic programs often operate outside of traditional university governance structures while contributing significantly to a school's culture, identity, and financial outlook. Course members in this course will explore principles, techniques, and process related to the management of college athletics, characterize the critical steps to getting hired in collegiate athletics, and prepare a portfolio, including an application letter and resume customized for applying for a position in athletic administration at the collegiate level.

ATHL 622 Administrative Decision-Making 3 Credits
Students in this course will explore principles, techniques, and process related to the management of college athletics. It is important in today's dynamic environment of collegiate athletics that students value effective leadership and management principles. Through analyzing case studies, students will demonstrate problem solving related to handling athletic personnel and program issues. To ensure readiness for athletic management, students will evaluate the duties of an athletic director and create a strategic plan for an athletic department, including a mission statement and comprehensive budget. Lastly, students will characterize the critical steps to getting hired in collegiate athletics. Students will also prepare a portfolio, including an application letter and resume customized for applying for a position in athletic administration at the collegiate level.
Prerequisite(s): Current enrollment in ATHL 621 or satisfactory completion of ATHL 621.

ATHL 650 Internship of Athletic Leadership 3 Credits
The learning experiences in this course are afforded through a variety of instructional approaches. This will ensure opportunities to meet the course objectives. Course content includes, but is not limited to, the following: philosophical foundations of coaching, integrity; program mission and priorities; scientific basis of sport; basic conditioning and training principles; basic wellness; psychological foundations of coaching; leadership strategies; communication; team dynamics and cohesion; personality, basic traits and states influencing performance; pedagogical principles of sport; learning motor skills; process of coaching; managerial functions of coaches-planning, controlling, evaluating; event/facility/equipment management; legal duties and risk management; promotions, marketing, fundraising for coaches; multitask management, self-management; intangibles in coaching.
Prerequisite(s): Permission of Program Director.

ATHL 651 Internship of Athletic Administration 3 Credits
The internship affords students professional experience with an organization where the course theory can be applied to best practices. The internship is developed in consultation with the student, the student's academic advisor and the Internship. A learning/work plan is prepared by the student for approval by the site supervisor, both of whom share responsibility for the internship.
Prerequisite(s): Permission of Program Director or approval by CEHS Dean's Office.

Bilingual Education Endorsement Certificate

Program Overview

This Bilingual Endorsement program is for those educators already NJ-certified in another specialization area. Rider's Bilingual Endorsement Program trains future educators to be sensitive to the cultural, sociological, linguistic, and psychological diversities that English Language Learner students bring with them to school. The mission of the Bilingual program at Rider University is to provide the skills, attitudes and understandings necessary to teach non-native speakers of English in order for them to achieve their greatest potential through education for life. Furthermore, Rider's Bilingual program introduces future educators to the different laws, programs, and approaches in the classroom that use the ELL's native language as a resource for instruction.

Curriculum Overview

This endorsement provides bilingual teaching credentials for those already certified in another specialization. It is a 15-credit program requiring five teacher preparation courses offered in the late afternoon/evening.

Certificate Offered

- Bilingual Education Endorsement

Contact

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Program Website: Bilingual Education Endorsement (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/teacher-education-programs/bilingual-education-certificate/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Bilingual Education Endorsement Certificate Requirements

(15 credits)

Code	Title	Credits
CURR 548	Curriculum and Instruction for Diverse Learners	3
EDUC 520	Introduction to Linguistics and Psycholinguistics	3
EDUC 521	Teaching a Second Language	3
LITR 508	Literacy and the Bilingual/Bicultural Child	3
EDUC 560	Educating and Evaluating the Bilingual Child	3
Total Credits		**15**

Additional requirements for completion

- Language proficiency tests are required.
  - Oral Proficiency Interview (OPI)
  - Written Proficiency Test (WPT)

Courses and Descriptions

CURR 548 Curriculum and Instruction for Diverse Learners 3 Credits
This course will examine the curricular and instructional issues that educational leaders must address in accommodating the school program to the needs and abilities of diverse learners. A historical perspective will be developed with an emphasis on how schools have responded to meet the needs of the exceptional child. Legal issues and programmatic trends will be examined and assessed since the inception of the Individuals with Disabilities Education Act. Multicultural issues will be introduced within the context of school and society. The responsibility of the educational leader in fostering a multicultural perspective pertaining to curriculum and instruction, governance, bias and prejudice and school climate and culture will be emphasized. Students will identify and develop curricular possibilities and solutions in school settings to accommodate learners' diverse needs. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, state adopted core curriculum content standards, professional development standards, standards and national school leadership standards.
Prerequisite(s): CURR 531, CURR 538.

EDUC 520 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester.

EDUC 521 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

EDUC 560 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study.

Clinical Mental Health Counseling (M.A.)

Program Overview

The Master of Arts in Clinical Mental Health Counseling (MA CMHC) program prepares students for counseling positions in community agencies, mental health agencies, hospitals, government facilities, institutions of higher education, corporate settings, and private practice.

Within this MA CMHC degree, students have the option to enroll in and complete a Dance/Movement Therapy (DMT) concentration. In this concentration, students are trained in clinical mental health counseling with a specialization in dance/movement therapy.

This program meets the educational requirements for the Licensed Professional Counselor (LPC) in New Jersey (http://www.njconsumeraffairs.gov/pc/Pages/default.aspx)and Pennsylvania (https://www.pacodeandbulletin.gov/Display/pacode/?file=/secure/pacode/data/049/chapter49/chap49toc.html&d=reduce). It also meets all educational requirements for certification as a National

Certified Counselor (NCC (https://www.nbcc.org/certification/ncc/)) and Board Certified Coach (BCC) (http://www.cce-global.org/bcc/).

MA CMHC students who are not enrolled in the DMT concentration complete 60-credits and can also meet educational requirements for certification as an Approved Clinical Supervisor (ACS) (http://www.cce-global.org/ACS/), and Licensed Clinical Alcohol and Drug Counselor (LCADC) (http://certbd.org./) in New Jersey, contingent on elective coursework. These students may take two additional courses and a SAC practicum or internship in a school to qualify for the Student Assistance Coordinator (SAC) CEAS (https://nj.gov/education/license/endorsements/3461CEAS.pdf) (two courses may be able to count as electives for the MA CMHC program).

MA CMHC students who are enrolled in the DMT concentration complete 65 credits. The dance/movement therapy concentration within the MA CMHC program is approved by the American Dance Therapy Association (https://www.adta.org/) and meets educational requirements for the Registered Dance Movement Therapist (R-DMT) (https://www.adta.org/r-dmt-application/).

MA CMHC students in their final year are provided with preparation for the National Counselor Exam (NCE) (https://www.nbcc.org/Exams/NCE/) which is taken during their last semester at Rider.

In keeping with the University's core mission, all degree and certification programs are student-centered, created to be flexible to meet the needs of professionals and students with busy lives, provide cutting-edge instruction, offer hands-on practice in mental health organizations and agencies, and are taught by supportive faculty who are dedicated to mentoring students. The faculty and training are focused on clinical mental health counseling. Students may also attain specialized training and/or take coursework in areas such as play therapy, addictions, dance/movement therapy, trauma, advanced psychopathology, creativity in counseling, and disordered eating.

Curriculum Overview

All students in the MA CMHC program are required to complete 60-65 credits of coursework. Students in the CMHC program who are not enrolled in the DMT concentration complete 60 credits of coursework. Students in the CMHC program who are enrolled in the DMT concentration complete 65 credits of coursework. All CMHC students complete at least 700 hours of counseling fieldwork in a clinical mental health setting. Students in the CMHC program who are enrolled in the DMT concentration complete additional hours of fieldwork. An appropriate fieldwork site is one that provides a program of services designed to help individuals function to their optimal capacity. Such programs exist in a wide variety of settings, such as mental health clinics, correctional facilities, hospital settings, family service centers, comprehensive rehabilitation centers, social service organizations, vocational counseling programs, private counseling programs, substance abuse treatment programs, employee assistance programs, college counseling centers, and other appropriate sites.

All degree candidates must purchase student professional liability insurance.

Degree Offered

- M.A. in Clinical Mental Health Counseling
  - Dance/Movement Therapy concentration: a concentration within this M.A. CMHC degree and requires 65 credits

Contact

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Program Website: Clinical Mental Health (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/counseling-services/ma-clinical-mental-health-counseling/)
Associated Department: (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/)

Related programs

- Student Assistance Coordinator Certificate (p. 1435)
- Life and Career Coaching Certificate (p. 1407)
- School Psychology (Ed.S.) (p. 1424)

Clinical Mental Health Counseling Core and Fieldwork Course Requirements for All CMHC Students (p. 1379)
Clinical Mental Health Counseling without a Dance/Movement Therapy Concentration (p. 1380)
Clinical Mental Health Counseling with a Dance/Movement Therapy Concentration (p. 1380)
(Refer to the Counseling Services Handbook for course sequence and prerequisites.)

Clinical Mental Health Counseling Core and Fieldwork Course Requirements for All CMHC Students

(45 credits in core and fieldwork courses)

Code	Title	Credits
Core courses that must be taken prior to Practicum		
CNPY 502	Theories of Counseling and Helping Professions	3
CNPY 514	Psychopathology	3
COUN 500	Introduction to Counseling and Helping Professions	3
COUN 503	Group Counseling	3
COUN 508	Foundations of Clinical Mental Health Counseling	3
COUN 530	Legal and Ethical Issues in Counseling and Psychotherapy	3
COUN 550	Counseling and Helping Techniques Laboratory	3
EDPS 503	Human Growth and Development	3
Courses that must be taken prior to or concurrently with Practicum		

COUN 520	Multicultural Counseling and Relationship Development	3
COUN 505	Vocational/Career Development	3
EDPS 520	Measurement,Tests and Assessments in Counseling	3
Required Fieldwork Courses: [1]		**9**
COUN 585	Clinical Mental Health Counseling Practicum	
COUN 590	Internship in Counseling I	
COUN 591	Internship in Counseling II	
CNDT 585	Clinical Mental Health Counseling and Dance/Movement Therapy Practicum II	
CNDT 590	Counseling and Dance/Movement Therapy Internship I	
CNDT 591	Counseling and Dance/Movement Therapy Internship II	
Course that can be taken anytime:		
EDUC 500	Introduction To Research	3
Total Credits		**45**

1

All CMHC students take 9 credits of fieldwork: one practicum and two internship courses. CMHC students who are not in the DMT concentration take COUN 585, 590, and 591. CMHC students who are enrolled in the DMT concentration take CNDT 585, 590, and 591. These fieldwork courses are cross-listed and are taught by the same instructor using the same syllabus.

Clinical Mental Health Counseling without a Dance/Movement Therapy Concentration

(60 credits)

Code	Title	Credits
Required Core and Fieldwork Courses (see above)		45
Courses that can be taken anytime		
COUN 515	Substance Abuse Counseling [1]	3
COUN 516	Strategies in Addiction Counseling	3
CNPY 516	Advanced Psychopathology	3
Elective Credits [2]		**6**
Select courses from the following list to complete six credit hours; consult with faculty advisor on elective choices to select courses that meet student career and licensure or certification goals.		
Note that EDPS 502, EDPS 521, EDPS 535, and EDLD 817 are courses that are part of other graduate programs at Rider		
COUN 502	Prevention and Intervention for Body Image and Disordered Eating	
COUN 504	Vocational/Career Development in Educational Settings	
COUN 510	Approaches to Family Counseling	
COUN 512	Disaster Response, Trauma, Crisis, and Grief Counseling	
COUN 521	Cultivation and Implementation of Trauma-Informed Counseling in Community & Educational Settings	
COUN 525	Gender Issues in Counseling	
COUN 535	Holistic Wellness Counseling	
COUN 555	Introduction to Play Therapy	
COUN 556	Parent-Child Play Therapy	
COUN 600	Independent Study and Research in Counseling Services	
COUN 660	Counseling Supervision: Issues, Concepts and Methods	
CNPY 518	Counseling Children, Adolescents and Families	
EDPS 502	Psychological Development of the Child and Adolescent	
EDPS 521	Statistics and Quantitative Analysis	
EDPS 535	Biological Basis of Behavior	
EDLD 817	Qualitative Research Methods	3
EDSO 501	Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs	
Total Credits: 60		

1

For SAC students, this course or COUN 516 must be taken prior to SAC fieldwork.

2

Some electives have prerequisites and/or may need permission of the program advisor.

Clinical Mental Health Counseling with a Dance/Movement Therapy Concentration

(65 credits)

Code	Title	Credits
Required Core and Fieldwork Courses (see above)		**45**
Required Dance/Movement Therapy Concentration Courses:		
CNDT 584	Counseling and Dance/Movement Therapy Practicum I	3
CNDT 600	Body Mind Integration through Movement I	0
CNDT 610	Dance/Movement Therapy Theory and Practice I	3
CNDT 612	Movement Observation, Analysis, and Assessment	3
CNDT 620	Clinical Applications of Dance/Movement Therapy	3
CNDT 700	Body Mind Integration through Movement II	0
CNDT 710	Dance/Movement Therapy Theory and Practice II	3
Students beginning in the MA CMHC program with a DMT concentration in Fall 2022 or after must also complete the following courses:		**5**
CNDT 790	Clinical Consultation in Dance/Movement Therapy I (2 credits)	
CNDT 791	Clinical Consultation in Dance/Movement Therapy II (3 credits)	
Total Credits		**65**

Accelerated BA to MA Program

(15 credits)

Highly qualified undergraduate psychology majors are eligible to apply in their junior year for the accelerated BA-MA program. This program enables students to take graduate courses during their senior year that count toward both the bachelor's and master's degrees.

Applicants for this accelerated program must have a GPA of at least 3.0 and must meet the same admission requirements as all other applicants. Students must apply by February 1 of their junior year. Those admitted must maintain a 3.0 GPA throughout the bachelor's part of the program. In addition, performance in graduate-level courses is subject to all academic policies and requirements of the Department of Graduate Education, Leadership, & Counseling.

Students accepted into the School Counseling accelerated program who would like to complete the BA/MA will take the following 15 credits[1] of graduate courses[2] during their senior year, in addition to the necessary undergraduate courses:

Code	Title	Credits
COUN 500	Introduction to Counseling and Helping Professions	3
COUN 503	Group Counseling	3
COUN 550	Counseling and Helping Techniques Laboratory	3
CNPY 502	Theories of Counseling and Helping Professions	3
CNPY 514	Psychopathology	3
Total Credits		**15**

1

Undergraduate students who would like to take fewer than 15 graduate credits during their senior year are also eligible to apply for the accelerated program. Taking fewer than 15 courses as an undergraduate student may mean that it will take longer to complete the BA/MA program.

2

Graduate program directors may suggest different graduate courses than the 5 listed above for accelerated students. Students should also consult with their undergraduate advisor on the choice of graduate courses.

Following successful completion of the undergraduate program, students will automatically be matriculated into the MA Counseling Services degree program, where they will complete the remaining MA-level coursework.

Courses and Descriptions

Required Core Courses for All CMHC Students (p. 1381)
Required Fieldwork Courses for All CMHC Students (p. 1382)
Additional Required Courses for CMHC Students In the DMT Concentration (p. 1383)
Additional Required Courses for CMHC Students Not In the DMT Concentration (p. 1384)

Required Core Courses for All CMHC Students

CNPY 502 Theories of Counseling and Helping Professions 3 Credits
Introduces the theoretical constructs of the primary contemporary counseling psychology theories being used in the counseling profession today. The theoretical constructs will be explored for use for self-reflection and self-development and to serve as the basis for development of psychological maps for understanding purposes of clients' behaviors.
Prerequisite(s): COUN 500 or as corequisite.

CNPY 514 Psychopathology 3 Credits
A survey of the study of abnormal psychology. Includes classification, assessment, and treatment and prevention of psychopathology. Characteristics of healthy psychological functioning are examined. Biological, psychological, and sociocultural bases of well-adjusted and maladjusted behavior patterns are considered. Stress, anxiety, and milder forms of psychopathology are considered, as are more severe psychopathological conditions.

COUN 500 Introduction to Counseling and Helping Professions 3 Credits
Educational, social, and psychological foundations of counseling services. Basic theories, principles, and techniques of counseling and related helping professions, such as coaching, and their applications to professional services. Emphasizes self-awareness as related to becoming a facilitator of helping skills. The team approach to counseling services and the contribution of the various specialties within the total counseling services program are stressed.

COUN 503 Group Counseling 3 Credits
Analyzes the historical development of group treatment methods, theories, practices, methods for appraising outcomes of treatment, and research findings. Includes critique of recordings, demonstrations, and students' own group experiences as counseling group members.
Prerequisite(s): COUN 500, CNPY 502.

COUN 505 Vocational/Career Development 3 Credits
Includes organizational change and vocational development theories, research, and literature in the field to inform practice with clients with vocational/career concern. The problems and techniques of using occupational and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and group processes are stressed. Includes concepts of career/life planning and counseling and coaching techniques, lifespan transitions, and the interrelationships among work, family, and other life roles.

COUN 508 Foundations of Clinical Mental Health Counseling 3 Credits
This course will provide the foundation of community counseling including roles, policies, history, diversity, systems, programs, interventions, fiscal issues, community resources, consultation, advocacy, and assessment that are unique to community counselors. Projects include searching for government and foundation funding, writing a grant proposal, developing a resource directory, visiting and writing reports evaluating community agencies. This course also meets Council for Accreditation of Counseling and Related Educational Programs (CACREP) standards for Community Counseling Programs.

COUN 520 Multicultural Counseling and Relationship Development 3 Credits
Introduces, examines, and critically analyzes and reflects upon major origins and dimensions of human similarities and differences. Explores and personalizes the social-psychological and behavioral implications of these similarities and differences. Examines issues of racism, reverse racism, age and handicapped discrimination, sexism, sexual orientation, etc., in the light of theories of individual and group identity development and the impact of these on, between and within group relationships. Each student is expected to utilize this knowledge for the development of healthy multicultural skills. A semester-long engagement in a multicultural interaction and a presentation of a multicultural discovery project are required.

COUN 530 Legal and Ethical Issues in Counseling and Psychotherapy 3 Credits
Examines and analyzes the legal, ethical, and professional parameters of counseling and psychotherapy. Discusses legal liabilities and malpractice cases arising from constitutional, tort, contract, family, privacy, and criminal laws. Examines client rights and counselor duties and responsibilities. Explores legal, ethical, and professional implications of third party payment, informed consent, medication, case documentation, client termination and abandonment. Advertisement of counseling services, crisis and case management, consultation and supervision, "duty-to-warn" and court appearances of an expert witness will be explored. Special attention will be given to child abuse reporting issues, dual relationships and to regional legal and ethical developments.

COUN 550 Counseling and Helping Techniques Laboratory 3 Credits
This a laboratory course, which provides opportunities for both the observation and practice of counseling and professional helping skills. The purpose of this course is to provide students with their initial training in counseling and helping skills under closely supervised conditions. The focus of this course is the development of initial client interviewing and basic counseling and helping skills through an emphasis on techniques (basic and advanced listening and helping skills), strategy (the counseling and helping process), and self-development (the student as counselor and helper) grounded in theories of counseling and related helping professions.

EDPS 503 Human Growth and Development 3 Credits
Provides an overview and broad understanding of life span developmental theories and research applied to counseling services with special emphasis on developmental processes, individual differences and mental health. Includes strategies for working with developmental issues across the life span.

EDPS 520 Measurement,Tests and Assessments in Counseling 3 Credits
This course covers the use of assessment instruments in counseling practice. Topics include descriptive statistics, reliability and validity, social and ethical considerations in testing, the appropriate selection and usage of standardized tests, and the communication of their results. At the conclusion of the course, students will be able to administer, evaluate and interpret assessment instruments commonly used in the counseling profession.

EDUC 500 Introduction To Research 3 Credits
This course will provide students with the tools to evaluate the claims and uses of research related to teaching, counseling, and psychology. Students will learn how to find and critique the literature, and will be able to conduct some of their own basic evaluative research to assess the efficacy of their practice and programs. At the conclusion of the course, students will have developed an understanding of rigorous research and evaluation design, and will have skills in data analysis and interpretation.

Required Fieldwork Courses for all CMHC Students

COUN 585 Clinical Mental Health Counseling Practicum 3 Credits
A supervised experience in counseling and consulting techniques in mental health facility, community counseling agency, or college setting. Includes seminar discussions, interview analyses or audiotape/videotape observations, and individual supervision with the instructor. For the experienced counselor or the advanced counselor in training who desires to review and/or strengthen individual counseling and consulting techniques. A field placement of 100 hours is required with a minimum of 40 direct contact hours with clients. Students registering for this course should contact the instructor the semester prior to the course being offered.
Prerequisite(s): To be taken semester prior to COUN 590.

COUN 590 Internship in Counseling I 3 Credits
An internship that provides 300 hours of on-the-job experience, including all activities that a regularly employed staff member would be expected to perform. The internship placement is selected on the basis of the student's career goals. School and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the Rider supervisor. The approval and cooperation of the student's superintendent, principal, or other appropriate administrative personnel must be obtained the semester before the counselor candidate's internship is scheduled.
Prerequisite(s): COUN 580 or COUN 581 or COUN 585 or CNSC 580 or CNSC 581. All other required course work must be completed or in progress and permission of the Rider supervisor must be obtained; any exceptions must be approved by the instructor.

COUN 591 Internship in Counseling II 3 Credits
The continuation of an internship that provides a 300-hour field experience including all activities that a regularly employed staff member would be expected to perform (n.b., a regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring). The internship placement is selected on the basis of the intern's career goals. School and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the faculty supervisor. The approval and cooperation of the intern's agency or school field supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): COUN 590 or CNSC 590 or concurrent enrollment. All other required course work must be completed or in progress and permission of the faculty supervisor must be obtained; any exceptions must be approved by the faculty supervisor.

CNDT 585 Clinical Mental Health Counseling and Dance/Movement Therapy Practicum II 3 Credits
A supervised field experience in consulting, counseling, and dance/movement therapy techniques. Students will be at a clinical site approved by faculty, with a supervisor who meets all CACREP standards. In this second semester of practicum, students will continue to advance their counseling skills. Students will engage in direct client care activities, such as individual and group counseling; they will co-lead dance/movement therapy sessions with the goal of facilitating entire sessions. The course will include seminar discussions, observations and analysis of the counseling process (i.e., interview analyses or audio/video recording observations), as well as individual supervision with the instructor. A total of 100 field hours is required with a minimum of 40 direct contact hours with clients. The approval and cooperation of the fieldwork agency or school field supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): CNDT 584.

CNDT 590 Counseling and Dance/Movement Therapy Internship I 3 Credits
This course is one of two internship courses required in the student's final year. It fulfills 375 internship hours. Interns gain on-the-job experience and participate in activities that a regularly employed staff member would be expected to perform. A regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring. Students will be at a clinical site approved by faculty, with a supervisor who meets all CACREP standards and will receive supervision by a board certified dance/movement therapist. Site supervisors who supervise interns determine the structure and the content of the internship in cooperation with the Rider supervisor. Supervision in class will support students in the clinical setting and in effectively utilizing counseling and dance/movement therapy knowledge and skills, including clinical appraisal, treatment planning, and documentation. The approval and cooperation of the intern's site supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): CNDT 585. All other required course work must be completed or in progress and permission of the Rider supervisor must be obtained; any exceptions must be approved by the instructor.

CNDT 591 Counseling and Dance/Movement Therapy Internship II 3 Credits
The second semester of the internship fulfills 375 internship hours. Students will be at a clinical site approved by faculty and will engage in all activities that a regularly employed staff member would be expected to perform. A regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring. Students will be under the field supervision of a supervisor who meets all CACREP requirements and will be supervised by a board certified dance/movement therapist. The supervision class will provide opportunities for students to analyze their practice, reflect on their progress as clinicians, and develop skills to internally self-evaluate their effectiveness as counselors and dance/movement therapists. Site supervisors who supervise interns determine the structure and the content of the internship in cooperation with the faculty supervisor. The approval and cooperation of the intern's agency or school field supervisor must be obtained the semester prior to the actual placement.
Prerequisite (s): CNDT 590, CNDT 790 or concurrent enrollment, and all other required course work must be completed or in progress and permission of the faculty supervisor must be obtained; any exceptions must be approved by the instructor.

Additional Required Courses for CMHC Students in the DMT Concentration

CNDT 584 Counseling and Dance/Movement Therapy Practicum I 3 Credits
Students are at a clinical site for a total of 100 hours for the semester to practice skills in movement observation and analysis, group leadership, session analysis, treatment planning, and documentation. Supervision class will focus on understanding the professional, legal, and ethical responsibilities of being a dance/movement therapist in clinical settings from a multicultural perspective. Issues pertaining to professional identity development will be addressed.

CNDT 600 Body Mind Integration through Movement I 0 Credits
This is a movement laboratory class to explore how dance and movement reflect and affect physical, cognitive, mental, emotional, and spiritual states. Students learn to attune to their bodies in movement and develop awareness of the bidirectional interactions between body and mind.

CNDT 610 Dance/Movement Therapy Theory and Practice I 3 Credits
This course covers the foundational principles, theories, and techniques of dance/movement therapy (DMT) and will examine the social and cultural foundations of dance as art and medium for growth, change, and healing through a Western cultural lens. Readings, discussions, and experiential exercises illuminate the context in which DMT approaches in the United States developed. Students engage in current discourses on how DMT is evolving to be more inclusive of different cultures and identities.

CNDT 612 Movement Observation, Analysis, and Assessment 3 Credits
This course will provide students with the language and skills to observe, describe, analyze, and assess human movement patterns and behaviors using Laban Movement Analysis and Kestenberg Movement Profile. Other frameworks for movement observation and analysis will also be introduced to explore the applicability of various frameworks for clients with diverse cultural backgrounds. The didactic and experiential format of this class will enable students to embody various movement qualities and develop skills used in conducting and documenting dance/movement therapy sessions.

CNDT 620 Clinical Applications of Dance/Movement Therapy 3 Credits
Group and individual dance/movement therapy practices in various clinical settings are addressed: psychiatric hospitals, addiction recovery programs, therapeutic schools for children with emotional and behavioral problems, developmental disabilities, and special needs; hospices; and hospitals. Students develop their own working theoretical model of dance/movement therapy to guide their work as emerging dance/movement therapists.

CNDT 700 Body Mind Integration through Movement II 0 Credits
The second semester of the movement laboratory class focuses on the use of mindfulness practices and Authentic Movement methods for further develop body-mind awareness, to experience and observe movements simultaneously as internal and external experience, and to decipher the nature of knowledge and meaning inherent in dance and movement.
Prerequisite(s): CNDT 600.

CNDT 710 Dance/Movement Therapy Theory and Practice II 3 Credits
In this didactic and experiential course, select theories from psychology, counseling, psychotherapy, and neuroscience are studied in order to identify the healing and transformative factors of the creative arts therapies. Some of the topics covered in this course are: psychodynamics and object relations theories; intersubjectivity; symbolism and metaphor; psychology of creativity; and neuroscience in dance/movement therapy.
Prerequisite(s): CNDT 610.

Additional Required Courses for CMHC Students Not In the DMT Concentration

Note: 6 credits in elective courses are required.

COUN 515 Substance Abuse Counseling 3 Credits
This course analyzes the development, intervention and treatment of substance abuse. Family dysfunction and its results will be examined with the various addictive behaviors. This course is designed to help students understand addictive behaviors and how they function. Specialized techniques for treatment will be examined along with related elements, i.e., family, parenting, the characteristics of dysfunction, developmental growth problems, physical problems, effects on school and job performance.

COUN 516 Strategies in Addiction Counseling 3 Credits
This is an experiential and laboratory-based experience in which students will learn to implement evidence based counseling techniques that are utilized in the field of substance abuse counseling. Students will be able to expand their basic counseling skills and techniques learned in COUN 550, as well as become exposed to techniques that are unique to addiction counseling. In addition to learning assessment skills, students will learn interventions that include motivational interviewing, relapse prevention, alternative therapies, group counseling, family counseling, and others. This course will also focus on issues of ethics and prevention in counseling.
Prerequisite(s): COUN 550.

CNPY 516 Advanced Psychopathology 3 Credits
An in-depth study of psychopathology with emphasis on developmental and personality disorders, and physiological disturbances. Includes assessment, classification, and treatment with emphasis on utilization in a variety of counseling and school settings. Biological, pathological, pharmacological bases of mental disorders are introduced and discussed in relationship to specific disorder classifications.
Prerequisite(s): CNPY 514 or permission of instructor.

Comprehensive Business (K-12) Certificate

Program Overview

This Post-Baccalaureate Teacher Certification Program in Comprehensive Business (K-12) is designed for college graduates seeking initial teacher certification in the subject area of Comprehensive Business. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in Comprehensive Business is a 21-credit graduate program requiring four courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificates Offered

- Comprehensive Business Certificate (K-12)

Contact

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Professor & Director of Post-Baccalaureate Teacher Certification and Master of Arts in Teaching (MAT) Programs
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Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Teaching (M.A.T.) (p. 1452)

Comprehensive Business (K-12) Requirements

(21 credits)

Code	Title	Credits
CURR 708	Inclusive Methods for Teaching Business	3
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional requirements for completion

- Completion of all courses before the clinical experience (student teaching) with a “C+” or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a “C+” grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 708 Inclusive Methods for Teaching Business 3 Credits
Emphasis is placed on the enhancement of teaching inclusive business education. Special attention is devoted to the new technology and its use in business education. Current instructional materials are presented and utilized. Master practicing business education teachers will augment the instructor's presentations.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

Counseling Services (M.A.)

Program Overview

The Master of Arts in Counseling Services *(*school counseling concentration*)* is a 60-credit program that prepares students for school counseling positions. This program meets educational requirements for school counselor certification in NJ. As part of an interstate agreement with PA, individuals that are certified as a school counselor in NJ can subsequently attain school counselor certification in PA (for PA school counselor certification, a PA praxis exam is also required).

Students take three elective courses in this program. Students can, for example, take courses in clinical mental health counseling, addictions, play therapy, trauma, advanced psychopathology, supervision, body image and disordered eating, and creativity in counseling. Depending on the elective options a student takes in this program, coursework in the program also meets the educational requirements for licensure as a Licensed Professional Counselor (LPC) in New Jersey (http://www.njconsumeraffairs.gov/pc/Pages/default.aspx)and Pennsylvania (https://www.pacodeandbulletin.gov/Display/pacode/?file=/secure/pacode/data/049/chapter49/chap49toc.html&d=reduce). Students should consult with their faculty advisor on appropriate course selection to meet educational requirements for LPC licensure in NJ or PA. Please

see the Counseling Program Handbook for additional course selection guidance for students interested in pursuing the LPC in NJ and PA.

In keeping with the University's core mission, this program is student-centered. Courses are offered in the evenings with full-time and part-time enrollment options available to meet the needs of returning and professional students with busy lives. Cutting-edge instruction, hands-on practice in schools, and supportive faculty who are dedicated to mentoring students are core program components. Students may attain specialized training and/or take coursework in areas such as play therapy, addictions, trauma, advanced psychopathology, creativity in counseling, and disordered eating.

Accreditation Information: The Counseling Services program (school counseling concentration) has been accredited by the Council for the Accreditation of Counseling and Related Educational Programs (CACREP) (https://www.cacrep.org/) since 1999. The program is accredited until March 31, 2031.

Curriculum Overview

All students in this area of study are required to complete 60 credits of coursework. Students complete an elementary school counseling or secondary school counseling practicum and two internships. These practicum and internships require 700 hours of fieldwork in preparation for professional practice. Fieldwork placement occurs through close collaboration with Rider's clinical coordinator and is supervised by both practitioners in the field and professors in the classroom.

All degree candidates must purchase student professional liability insurance once they enter the field.

Degree Offered

- M.A. in Counseling Services

Contact

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Program Website: Counseling Services (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/counseling-services/ma-counseling-services-school-counseling-concentration/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/)

Related programs

- Clinical Mental Health Counseling (M.A.) (p. 1378)
- Student Assistance Coordinator Certificate (p. 1435)
- Life and Career Coaching (p. 1407)
- School Psychology Ed.S. (p. 1424)

Counseling Services (School Counseling Concentration) Program Requirements

(60 credits)

Refer to Counseling Services Handbook for course sequence and prerequisites.

Code	Title	Credits
Courses Required Before Practicum		
CNPY 502	Theories of Counseling and Helping Professions	3
COUN 503	Group Counseling	3
CNPY 514	Psychopathology	3
CNPY 518	Counseling Children, Adolescents and Families	3
or COUN 555	Introduction to Play Therapy	
COUN 500	Introduction to Counseling and Helping Professions	3
COUN 530	Legal and Ethical Issues in Counseling and Psychotherapy	3
COUN 550	Counseling and Helping Techniques Laboratory	3
EDSO 501	Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs	3
EDSO 502	Applied Counseling & Consultation Models in Educational Settings	3
Courses Required Prior to or Concurrent with Practicum		
COUN 504	Vocational/Career Development in Educational Settings	3
EDPS 520	Measurement,Tests and Assessments in Counseling	3
COUN 520	Multicultural Counseling and Relationship Development	3
Practicum		**3**
Select one of the following:		
CNSC 580	Elementary School Counseling Practicum and Student Assistance Coordinator Practicum	
CNSC 581	Secondary School Counseling Practicum and Student Assistance Coordinator Practicum	
COUN 580	Elementary School Counseling Practicum	
COUN 581	Secondary School Counseling Practicum	
Courses Required at the End of the Program		
COUN 590/CNSC 590	Internship in Counseling I	3
COUN 591/CNSC 591	Internship in Counseling II	3
Courses that May Be Taken at Any Time		
EDPS 503	Human Growth and Development	3
EDUC 500	Introduction To Research	3
Elective Credits [1]		**9**
Select courses from the following list to complete nine credit hours; consult with faculty advisor on elective choices to select courses that meet student career and licensure or certification goals.		
Note that EDPS 502, EDPS 521, EDPS 535, and EDLD 817 are courses that are part of other graduate programs at Rider.		
CNPY 516	Advanced Psychopathology	
COUN 502	Prevention and Intervention for Body Image and Disordered Eating	
COUN 508	Foundations of Clinical Mental Health Counseling	
COUN 510	Approaches to Family Counseling	

COUN 512	Disaster Response, Trauma, Crisis, and Grief Counseling	
COUN 515	Substance Abuse Counseling [2]	
COUN 516	Strategies in Addiction Counseling [2]	
COUN 521	Cultivation and Implementation of Trauma-Informed Counseling in Community & Educational Settings	
COUN 525	Gender Issues in Counseling	
COUN 528	Introduction to Creative Arts and Specializations in Counseling	
COUN 535	Holistic Wellness Counseling	
COUN 556	Parent-Child Play Therapy	
COUN 600	Independent Study and Research in Counseling Services	
COUN 660	Counseling Supervision: Issues, Concepts and Methods	
COUN 690	Internship in Counseling Speciality I	
EDLD 817	Qualitative Research Methods	
EDPS 502	Psychological Development of the Child and Adolescent	
EDPS 521	Statistics and Quantitative Analysis	
EDPS 535	Biological Basis of Behavior	
Total Credits		**60**

[1]

Some elective courses have prerequisites and/or may need permission from the program advisor.

[2]

For students seeking the Student Assistance Coordinator (SAC) certificate, either COUN 515 or COUN 516 must be completed prior to SAC fieldwork.

Accelerated BA / MA

(15 credits)

Highly qualified undergraduate psychology majors are eligible to apply in their junior year for the accelerated BA-MA program. This program enables students to take graduate courses during their senior year that count toward both the bachelor's and master's degrees.

Applicants for this accelerated program must have a GPA of at least 3.0 and must meet the same admission requirements as all other applicants. Students must apply by February 1 of their junior year. Those admitted must maintain a 3.0 GPA throughout the bachelor's part of the program. In addition, performance in graduate-level courses is subject to all academic policies and requirements of the Department of Graduate Education, Leadership, & Counseling.

Students accepted into the School Counseling accelerated program who would like to complete the BA/MA will take the following 15 credits* of graduate courses** during their senior year, in addition to the necessary undergraduate courses:

Code	Title	Credits
COUN 500	Introduction to Counseling and Helping Professions	3
CNPY 502	Theories of Counseling and Helping Professions	3
COUN 503	Group Counseling	3
COUN 550	Counseling and Helping Techniques Laboratory	3
EDSO 501	Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs	3

* Undergraduate students who would like to take fewer than 15 graduate credits during their senior year are also eligible to apply for the accelerated program. Taking fewer than 15 courses as an undergraduate student may mean that it will take longer to complete the BA/MA.

** Graduate program directors may suggest different graduate courses than the 5 listed above for accelerated students. Students should also consult with their undergraduate advisor on the choice of graduate courses.

Following successful completion of the undergraduate program, students will automatically be matriculated into the MA Counseling Services degree program, where they will complete the remaining MA-level coursework.

Courses and Descriptions

CNPY 502 Theories of Counseling and Helping Professions 3 Credits
Introduces the theoretical constructs of the primary contemporary counseling psychology theories being used in the counseling profession today. The theoretical constructs will be explored for use for self-reflection and self-development and to serve as the basis for development of psychological maps for understanding purposes of clients' behaviors.
Prerequisite(s): COUN 500 or as corequisite.

CNPY 514 Psychopathology 3 Credits
A survey of the study of abnormal psychology. Includes classification, assessment, and treatment and prevention of psychopathology. Characteristics of healthy psychological functioning are examined. Biological, psychological, and sociocultural bases of well-adjusted and maladjusted behavior patterns are considered. Stress, anxiety, and milder forms of psychopathology are considered, as are more severe psychopathological conditions.

CNPY 518 Counseling Children, Adolescents and Families 3 Credits
This course will emphasize counselor and consultant behaviors that facilitate the helping process with children, adolescents, and their families. Information and activities will be provided that address age, ethnic, and developmental considerations in counseling children and adolescents. Issues and practices related to crisis intervention will be explored.

CNSC 580 Elementary School Counseling Practicum and Student Assistance Coordinator Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in an elementary school setting. Students will obtain a minimum of forty (40) contact hours with clients. The course will also provide an historical overview of the school guidance and counseling function. Current practices for assessing, organizing, implementing and evaluating school counseling services will be reviewed. Students will develop knowledge and skills in the development of primary, secondary, and tertiary interventions designed to promote the academic and social development of children of elementary school age. Students will apply knowledge and skills developed in pre-practicum experiences in addressing the needs of school children. Students must be supervised by a Substance Awareness Coordinator (SAC).
Prerequisite(s): COUN 515 or COUN 516.

CNSC 581 Secondary School Counseling Practicum and Student Assistance Coordinator Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in a secondary school setting. Includes seminar discussions, interview analyses, videotape observations, and individual supervision with the faculty supervisor. Provides the counselor in training with the opportunity to develop and practice skills and techniques necessary for the effective delivery of counseling services in the secondary school setting. Reviews current practices for assessing, developing, organizing, implementing, evaluating, and reflecting on counseling services as they address the special needs of secondary school students. Students must be supervised by a Substance Awareness Coordinator (SAC).
Prerequisite(s): COUN 515 or COUN 516.

CNSC 590 Counseling Internship I 3 Credits
An internship that provides 300 hours of on-the-job experience, including all activities that a regularly employed staff member would be expected to perform. The internship placement is selected on the basis of the student's career goals. School counselors, student assistance coordinators (SACs) and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the Rider supervisor. The approval and cooperation of the student's superintendent, principal, or other appropriate administrative personnel must be obtained the semester before the counselor candidate's internship is scheduled. Students must be supervised by an SAC.
Prerequisite(s): COUN 585 OR COUN 580 OR COUN 581 OR CNSC 580 OR CNSC 581. All other required course work must be completed or in progress and permission of the Rider supervisor must be obtained; any exceptions must be approved by the instructor.

CNSC 591 Counseling Internship II 3 Credits
The continuation of an internship that provides a 300-hour field experience including all activities that a regularly employed staff member would be expected to perform (n.b., a regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring). The internship placement is selected on the basis of the intern's career goals. School counselors, Student Assistance Coordinators (SACs), and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the faculty supervisor. Students must be supervised by a SAC. The approval and cooperation of the intern's field supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): COUN 590 or CNSC 590 and all other required course work must be completed or in progress and permission of the faculty supervisor must be obtained; any exceptions must be approved by the faculty supervisor.

COUN 500 Introduction to Counseling and Helping Professions 3 Credits
Educational, social, and psychological foundations of counseling services. Basic theories, principles, and techniques of counseling and related helping professions, such as coaching, and their applications to professional services. Emphasizes self-awareness as related to becoming a facilitator of helping skills. The team approach to counseling services and the contribution of the various specialties within the total counseling services program are stressed.

COUN 503 Group Counseling 3 Credits
Analyzes the historical development of group treatment methods, theories, practices, methods for appraising outcomes of treatment, and research findings. Includes critique of recordings, demonstrations, and students' own group experiences as counseling group members.
Prerequisite(s): COUN 500, CNPY 502.

COUN 504 Vocational/Career Development in Educational Settings 3 Credits
This course provides a comprehensive and practical approach to career counseling, coaching, and curriculum design in Kindergarten through postsecondary settings. Theories of vocational development and decision making form the foundation for designing career counseling curriculum. The problems and techniques of using college and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and organizational change processes are stressed. Concepts of career/life planning and the interrelationships among life roles, family, ecosystemic influences, and work in a diverse and changing society are explored.

COUN 530 Legal and Ethical Issues in Counseling and Psychotherapy 3 Credits
Examines and analyzes the legal, ethical, and professional parameters of counseling and psychotherapy. Discusses legal liabilities and malpractice cases arising from constitutional, tort, contract, family, privacy, and criminal laws. Examines client rights and counselor duties and responsibilities. Explores legal, ethical, and professional implications of third party payment, informed consent, medication, case documentation, client termination and abandonment. Advertisement of counseling services, crisis and case management, consultation and supervision, "duty-to-warn" and court appearances of an expert witness will be explored. Special attention will be given to child abuse reporting issues, dual relationships and to regional legal and ethical developments.

COUN 550 Counseling and Helping Techniques Laboratory 3 Credits
This a laboratory course, which provides opportunities for both the observation and practice of counseling and professional helping skills. The purpose of this course is to provide students with their initial training in counseling and helping skills under closely supervised conditions. The focus of this course is the development of initial client interviewing and basic counseling and helping skills through an emphasis on techniques (basic and advanced listening and helping skills), strategy (the counseling and helping process), and self-development (the student as counselor and helper) grounded in theories of counseling and related helping professions.

COUN 580 Elementary School Counseling Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in an elementary school setting. Students will obtain a minimum of forty (40) contact hours with clients. The course will also provide an historical overview of the school guidance and counseling function. Current practices for assessing, organizing, implementing and evaluating school counseling services will be reviewed. Students will develop knowledge and skills in the development of primary, secondary, and tertiary interventions designed to promote the academic and social development of children of elementary school age. Students apply knowledge and skills developed in pre-practicum experiences in addressing the needs of school children.
Prerequisite(s): To be taken semester prior to COUN 590.

COUN 581 Secondary School Counseling Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in a secondary school setting. Includes seminar discussions, interview analyses, videotape observations, and individual supervision with the faculty supervisor. Provides the counselor-in-training with the opportunity to develop and practice skills and techniques necessary for the effective delivery of counseling services in the secondary school setting. Reviews current practices for assessing, developing, organizing, implementing, evaluating, and reflecting on counseling services as they address the special needs of secondary school students.
Prerequisite(s): To be taken semester prior to COUN 590.

COUN 590 Internship in Counseling I 3 Credits
An internship that provides 300 hours of on-the-job experience, including all activities that a regularly employed staff member would be expected to perform. The internship placement is selected on the basis of the student's career goals. School and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the Rider supervisor. The approval and cooperation of the student's superintendent, principal, or other appropriate administrative personnel must be obtained the semester before the counselor candidate's internship is scheduled.
Prerequisite(s): COUN 580 or COUN 581 or COUN 585 or CNSC 580 or CNSC 581. All other required course work must be completed or in progress and permission of the Rider supervisor must be obtained; any exceptions must be approved by the instructor.

COUN 591 Internship in Counseling II 3 Credits
The continuation of an internship that provides a 300-hour field experience including all activities that a regularly employed staff member would be expected to perform (n.b., a regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring). The internship placement is selected on the basis of the intern's career goals. School and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the faculty supervisor. The approval and cooperation of the intern's agency or school field supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): COUN 590 or CNSC 590 or concurrent enrollment. All other required course work must be completed or in progress and permission of the faculty supervisor must be obtained; any exceptions must be approved by the faculty supervisor.

EDPS 503 Human Growth and Development 3 Credits
Provides an overview and broad understanding of life span developmental theories and research applied to counseling services with special emphasis on developmental processes, individual differences and mental health. Includes strategies for working with developmental issues across the life span.

EDPS 520 Measurement,Tests and Assessments in Counseling 3 Credits
This course covers the use of assessment instruments in counseling practice. Topics include descriptive statistics, reliability and validity, social and ethical considerations in testing, the appropriate selection and usage of standardized tests, and the communication of their results. At the conclusion of the course, students will be able to administer, evaluate and interpret assessment instruments commonly used in the counseling profession.

EDSO 501 Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs 3 Credits
The course provides an overview of the foundations of counseling in educational settings, including the historical roots, current and future trends, roles, and functions in multicultural schools and higher education settings. Students examine the roles and responsibilities of professional school counselors to facilitate student success through the development of a comprehensive school counseling program as an integral component of the total education system.

EDSO 510 Sociological and Cultural Foundations of Education 3 Credits
The American public school as a social organization which influences and is influenced by local, national and international cultural evolution. An exposition and analysis of the vibrant multicultural issues that sometimes determine the outcome of public education. An exploration of contemporary educational problems and challenges resulting from changing social and cultural conditions. A perceptive and reflective placement of these changes in a historical context to enable students put the future in perspective.

EDUC 500 Introduction To Research 3 Credits
This course will provide students with the tools to evaluate the claims and uses of research related to teaching, counseling, and psychology. Students will learn how to find and critique the literature, and will be able to conduct some of their own basic evaluative research to assess the efficacy of their practice and programs. At the conclusion of the course, students will have developed an understanding of rigorous research and evaluation design, and will have skills in data analysis and interpretation.

Dance Education (K-12)

Program Overview

This Post-Baccalaureate Teacher Certification Program in Dance Education (K-12) is designed for college graduates seeking initial teacher certification in the subject area of Dance. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in Dance Education is a 21-credit graduate program requiring courses taken in late afternoons/evenings followed by a full semester of full-time student teaching.

Certificate Offered

- Dance Education Certificate (K-12)

Contact

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Associated Departments: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/) and Department of Performing Arts (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/communication-media-arts/faculty-departments/performing-arts/)

Related Programs

- Teaching (M.A.T.) (p. 1452)

Dance Education Certificate (K-12) Requirements

(21 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 711	Pedagogy and Methodology in Dance	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional Requirements for Completion of the Certificate:

- Completion of all courses before final clinical experience (student teaching) with a "C+" or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a "C+" grade of better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 711 Pedagogy and Methodology in Dance 3 Credits
This course provides the student with first-hand experience inside a classroom setting to broaden the students' understanding of dance techniques, teaching styles and strategies, analysis of skills and critical feedback, class preparation and design, and assessment. Course requirements include off-campus field work. The existing methods course in Dance for beginning teachers is cross-listed with DAN 450.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

Doctor of Educational Leadership

Program Overview

Rider's Doctor of Educational Leadership brings together passionate and experienced educators to collaboratively study the complex and pressing issues facing students and teachers today — and to develop practical, evidence-based solutions to respond to those issues through action research.

The **36-month, 51-credit program** involves two years of coursework and a year of dissertation research and analysis. Hybrid (online and on-campus) studies and summer residencies enable education professionals to pursue the degree without career interruption.

The goal of Rider's Ed.D. program is to prepare skilled professionals who use research and scholarship to inform their leadership and decision making. Through the required coursework, you will develop a greater understanding and sense of context for today's major educational challenges, including:

- Educational reform
- Instructional leadership
- Educational accountability and assessment
- Research methods and data analysis
- Social context of education
- Politics and governance
- Teachers and teaching
- Resource allocation and deployment

Curriculum Overview

Much of the program's coursework will relate to issues facing your own school, district or college, giving you practical knowledge and insights that you can apply every day to your work. Early in the program, you will learn how action research can be used to determine needs and options, and begin working with members of the doctoral faculty to identify a potential problem, issue or opportunity of interest to you. You will then implement and evaluate your own dissertation change project.

As an added feature of our program we are currently offering our candidates the option to take a concentration of four courses focused on higher education. See the Concentration tab for the coursework related to this option.

Carnegie Project on the Education Doctorate

Rider has been invited to become a member of the prestigious Carnegie Project on the Education Doctorate

The Carnegie Project on the Education Doctorate **(**https://www.cpedinitiative.org/**) (CPED)** includes over 100 colleges and schools of education, which have committed resources to work together to undertake a critical examination of the doctorate in education (EdD) through dialog, experimentation, critical feedback and evaluation.

Vision

The Vision of the Carnegie Project on the Education Doctorate (CPED) is to inspire all schools of education to apply the CPED framework to the preparation of educational leaders to become well-equipped scholarly practitioners who provide stewardship of the profession and meet the educational challenges of the 21st century.

Mission

The Mission of the Carnegie Project on the Education Doctorate (CPED) is to strengthen, improve, support and promote the CPED framework through continued collaboration and investigation.

The Framework

Through a collaborative, authentic process, members of CPED developed a Framework for EdD program design/redesign that supports creating quality, rigorous practitioner preparation while honoring the local context of each member institution. The CPED Framework consists of three components—a new definition of the EdD, a set of guiding principles for program development and a set of design-concepts that serve as program building blocks.

Members enter the Consortium at points of considering a new EdD. As they engage in the Consortium, they utilize this Framework to design/redesign, evaluate and improve their programs. As such CPED members are often at different levels in the design/redesign process.

Guiding Principles for Program Design

With this understanding, we have identified the following statements that will focus a research and development agenda to test, refine, and validate principles for the professional doctorate in education. The professional doctorate in education:

1. Is framed around questions of equity, ethics, and social justice to bring about solutions to complex problems of practice.
2. Prepares leaders who can construct and apply knowledge to make a positive difference in the lives of individuals, families, organizations, and communities.
3. Provides opportunities for candidates to develop and demonstrate collaboration and communication skills to work with diverse communities and to build partnerships.
4. Provides field-based opportunities to analyze problems of practice and use multiple frames to develop meaningful solutions.
5. Is grounded in and develops a professional knowledge base that integrates both practical and research knowledge, that links theory with systemic and systematic inquiry.

6. Emphasizes the generation, transformation, and use of professional knowledge and practice.

Standards-Based Studies

The curriculum is built around the National Policy Board for Educational Administration's student-centric 2015 Professional Standards for Educational Leaders (http://npbea.org/wp-content/uploads/2017/06/Professional-Standards-for-Educational-Leaders_2015.pdf) (formerly known as the ISLLC Standards).

Prepared for and by educational leaders, the standards focus on 10 high-impact areas that drive and measure excellence in professional practice:

1. Mission, Vision and Core Values
2. Ethics and Professional Norms
3. Equity and Cultural Responsiveness
4. Curriculum, Instruction and Assessment
5. Community of Care and Support for Students
6. Professional Capacity of School Personnel
7. Professional Community for Teachers and Staff
8. Meaningful Engagement of Families and Community
9. Operations and Management
10. School Improvement

Program Format

A defining element of this innovative doctoral program is its cohort model of 10 to 12 students. This design creates a highly supportive and interactive learning environment that promotes peer-to-peer learning and networking, as well as close mentoring relationships between faculty and students. The coursework is progressive, with each class building the knowledge base.

Program Features

- **Flexibly designed** around the schedules of working professional educators
- **Asynchronous online classes** throughout each semester
- **Three on-campus Saturday sessions** (9 a.m. – 3 p.m.) each fall and spring semester
- **8-day summer residencies in July** (2 consecutive weeks, Monday through Thursday)

The Online Experience

Your online courses will be asynchronous, enabling you to complete most of your course assignments and activities at the time and place that's best for you. For example, discussion board question responses can be posted and assignments submitted at a time that is convenient (as long as the activity is completed by the stated due date).

Real-time, interactive e-sessions will be scheduled periodically. Over the course of your studies, peer-to-peer and faculty interactions will include such activities as team projects and special presentations. *(Note: Web cam access will be needed for these sessions.)*

One-to-one access to our doctoral faculty is a critical part of the program. Your professors will be available for meetings on-campus, as well as by phone or streaming video. Each semester, your professors will interact with you by phone and email, participate actively in discussion boards and webinars, and provide feedback on assignments.

You will be assisted in all your scheduling and registration needs, as well as planning your coursework and maintaining academic progress based on your goals (a minimum 3.0 GPA is required for the doctoral program). You also will have full access to services and resources of the University.

Degree Offered

- Ed.D. in Educational Leadership

Contact

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Program Website: Educational Leadership (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/leadership-programs/doctor-of-educational-leadership/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Doctor of Educational Leadership Program Requirements

(51 credits)

The following educational plan is provided as a sample only. Students may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Code	Title	Credits
Suggested Sequence for Program Completion		
Complete the following courses in the order suggested below:		
Year 1 Summer		6
EDLD 800	Strategic Management, Organizational and Moral Leadership Behavior in a Culture of Learning	
EDLD 803	Instructional Leadership and Educational Reform	
Year 1 Fall		6
EDLD 801	Action Research: Principles and Methods	
EDLD 802	Educational Change, Systemic Reform, Exercising the Politics of Change	
Year 1 Spring		6
EDLD 804	Community Building and Sustaining Community Partnerships	
EDLD 810	Curriculum Leadership: Transforming Teachers/ Developing Teacher Talent	
Year 2 Summer		6
EDLD 806	Research Proposal Development	
EDLD 808	Generating, Using, and Assessing Data Accountability and Student Assessment	
Year 2 Fall		6

EDLD 805	Valuing Diversity/Equity: Developing and Fostering a Community of Learners	
EDLD 809	Finance, Fundraising and Fiscal Management	
Year 2 Winter		3
EDLD 817	Qualitative Research Methods	
Year 2 Spring		6
EDLD 811	Innovation and the Use of Educational Technology	
EDLD 813	Dissertation of Practice I	
Year 3 Summer		6
EDLD 807	Law and Policy	
EDLD 812	Leading Programs for Diverse Learners and At Risk Students	
Year 3 Fall		3
EDLD 814	Dissertation of Practice II	
Year 3 Spring		3
EDLD 816	Dissertation of Practice IV	
Total Credits		**51**

Doctor of Educational Leadership Concentration in Higher Education Program Requirements

(12 credits)

Code	Title	Credits
EDUC 525	The Higher Education Organization [1]	3
EDUC 530	Student Affairs & Experiences in Higher Education [2]	3
EDUC 535	Legal and Ethical Issues in Higher Education [3]	3
EDUC 540	Leading Operations, Change and Assessment in Higher Education [4]	3
Total Credits		**12**

1 In place of EDLD 802.

2 In place of EDLD 810.

3 In place of EDLD 809.

4 In place of EDLD 811.

Courses

EDLD 800 Strategic Management, Organizational and Moral Leadership Behavior in a Culture of Learning 3 Credits
This course will challenge students to embrace a system view of leadership and organizational change at the organizational level. Students will compare, contrast and critique theories and models of organizational learning, knowledge creation, and organizational capacity building and apply them to their own organizational settings. The course will focus on three leadership standards: instructional leadership, operational and managerial leadership, and professional culture. While the course will focus on conceptual frameworks and theory, it is a practice-based course. The course will enhance student ability to think systematically and develop comprehensive understanding of core competencies required to lead, initiate and sustain change in organizations. It investigates process and content issues of team building, interpersonal and group relations, and effective problem solving and decision making skills in collaborative environments. The course emphasizes the moral, ethical and social responsibilities of organizational leaders, as well as the application of principles to organizaitonal leadership behavior and decision-making. Students will also investigate current research trends regarding ethical issues in education and other organizational contexts.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 801 Action Research: Principles and Methods 3 Credits
This course provides an introduction to action research, with emphasis on its application in educational settings. The course covers definitions and purposes of action research. Students will explore theoretical, methodological, and ethical issues pertinent to action research. During the course, students will engage in an action research project in an educational setting.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 802 Educational Change, Systemic Reform, Exercising the Politics of Change 3 Credits
This course will provide students with the skills necessary to achieve educational reform and improvement while navigating the political environment within educational institutions. Through this course, students will analyze various theories and how these ideas apply to education, organizations, change, and leadership.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 803 Instructional Leadership and Educational Reform 3 Credits
Through this course, students will examine contemporary educational practices and their relationship to leadership theories, models, and strategies. Participants will investigate research based instructional practices and develop the skills necessary to identify issues within organizations in suburban and urban settings. The course will provide students with a deep knowledge of the educational challenges faced by educational leaders in today's society. The focus will be on learning a successful organization through the implementation of research based strategies.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 804 Community Building and Sustaining Community Partnerships 3 Credits
Drawing on philosophies/theories, processes, and practices that build and sustain effective school-community partnerships, this course addresses the identification and utilization of community resources and the development of effective intra- and inter-organizational strategies, community linkages, and collaborative efforts necessary to provide for the holistic needs of students and families. Special attention is focused on the role of school leaders in planning and implementing community-wide and building level communications and involvement networks, through the development of practical action learning sets and tools. Building Commitment: How do leaders build and use public awareness and commitment to support their schools?
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 805 Valuing Diversity/Equity: Developing and Fostering a Community of Learners 3 Credits
The focus of the course is academic excellence with equity. The value orientation of the course is toward high-quality developmental outcomes for youth of all racial, ethnic, and social class backgrounds. With an emphasis on students of color and youth from less-advantaged families, the course explores several policy and strategic responses to achievement disparity: identify and work to remove key structural barriers to educational equity; excellence with equity goals; design more effective policies and practices to improve the quality of teaching; support families with ideas and practices for parenting children more effectively; engage youth to reshape their culture of achievement to align with their most positive values. The course explores theories, evidence, designs, methods, and mechanisms associated raising achievement and closing gaps.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 806 Research Proposal Development 3 Credits
This course builds on the action research course to more clearly define the rationale and procedures of educational and social science research. The course is designed for our first -year doctoral students. Topics will include the nature and purpose of research, planning and conducting research, critiquing and evaluation rsearch, sampling, survey and experimental design, evaluation research, naturalistic observationand inquiry, measurement and methods of data collection, ethics, and the use of computers in data analysis. Methods are considered for collecting both quantitative and qualitative data. Students will build on prior project ideas, concepts, and research practice to more fully develop into their Dissertation of Practice topic. This course has two objectives: to increase participants' knowledge of methods for making causal inferences in quantitative research, and to provide participants with a forum for presenting and receiving feedback on their research topic for the Dissertation of Practice.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 807 Law and Policy 3 Credits
This course explores legal, ethical and political issues governing PreK-12 education in America and the legal responsibilities and powers of state and local governing bodies and individuals that arise in elementary and secondary schools. Emphasis is given to federal and state statutes and case law affecting due process, liability, equal protection, and the rights of teachers and students in order to better understand the risks in education management and possible strategies to reduce those risks. The course will explore evolving legal standards on a variety of issues. The course will draw on real cases and legal/policy dilemmas that practitioners face, and focus on preventive law - providing current and future school learners with knowledge and skills they will need to make sound decisions, advance important educational objectives, and minimize legal problems.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 808 Generating, Using, and Assessing Data Accountability and Student Assessment 3 Credits
This course will develop the skills necessary for educational leaders to identify and define problems, implement data collection methods, and analyze, interpret, and report data across multiple levels from the individual student to the larger system. Students will gain the knowledge and skills to use data in decision making within a problem solving framework that enables evaluation of instructional programs and practices. Within this course, students will engage in activities designed to enhance skills in data-based decision making, including: large and small group discussion; review of the extant literature base; review and use of different technologies and statistical methods for data collection and analyses; case studies and simulated data analyses; and application of skills in real world settings. Attainment of these skills will prepare the student for the dissertation process to serve as an instructional leader in the field. The course references and aligns with state adopted core curriculum content standards and professional development standards, the Standards for Schools Leaders of the Interstate School Leaders Licensure Consortium, and the candidate proficiencies developed by the Educational Leadership Constituent Council.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 809 Finance, Fundraising and Fiscal Management 3 Credits
Financial and managerial leadership of a school building or district is a primary factor in the success or failure of school instructional programs. This course provides an opportunity for public and private school practicing and prospective administrators to gain an understanding of their role in these critical areas. Providing the resources to fund academics/instruction/athletics, facilities and capital projects is a focus of this course. A comprehensive understanding of the financial implications of systemic reform, centralized goal setting, accountability standards, and decentralized forms of site-based management, school choice, and charter schools will be a focus of study. This course will also provide a comprehensive overview of fund raising. Students are provided with an ethical foundation and are introduced to basic terminology and concepts in the field. Various fund raising vehicles are surveyed and participants learn to apply fund raising strategies that are appropriate to their organizational setting.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 810 Curriculum Leadership: Transforming Teachers/Developing Teacher Talent 3 Credits
This course will focus on the complex nature of teaching and learning and provide participants with the skills necessary to guide instructional practice. Adult learning theory will be examined as will curriculum theories, instructional practices, professional development, and human capital.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 811 Innovation and the Use of Educational Technology 3 Credits
This course addresses the intersection of organizational change and educational technology. Students will develop a philosophy of educational technology and explore related issues in policy, diversity, ethics, and evaluation. The course also covers research and theory on organizational change and processes for developing a culture of innovation. Students will apply theories of organizational change to the implementation and use of technology in educational contexts.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 812 Leading Programs for Diverse Learners and At Risk Students 3 Credits
This course examines some of the best practices for supporting diverse learners and at-risk students and some of the reasons behind the intrinsic and bureaucratic/policy barriers that may hinder their success. Schools are faced with an increasing number of diverse learners and at-risk students who require additional academic, social and/or medical supports for them to achieve success. This course will examine the root causes that may hinder student success and some of the programs and approaches that have proved successful in meeting their needs.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 813 Dissertation of Practice I 3 Credits
The Dissertation in Practice is a scholarly endeavor that impacts a complex problem of practice. This research is a reflective process of progressive problem solving led by individuals working with others in teams or as part of a community of practice to improve the way they address issues and solve problems, The research involves the process of actively participating in an organization change situation while conducting research.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 814 Dissertation of Practice II 3 Credits
The Dissertation in Practice is a scholarly endeavor that impacts a complex problem of practice. This research is a reflective process of progressive problem solving led by individuals working with others in teams or as part of a community of practice to improve the way they address issues and solve problems. The research involves the process of actively participating in an organization change situation while conducting research. This course is a continuation of Dissertation of Practice I.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 815 Dissertation of Practice III 3 Credits
The Dissertation in Practice is a scholarly endeavor that impacts a complex problem of practice. This research is a reflective process of progressive problem solving led by individuals working with others in teams or as part of a community of practice to improve the way they address issues and solve problems. The research involves the process of actively participating in an organization change situation while conducting research. This course is a continuation of Dissertation of Practice II.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 816 Dissertation of Practice IV 3 Credits
The Dissertation in Practice is a scholarly endeavor that impacts a complex problem of practice. This research is a reflective process of progressive problem solving led by individuals working with others in teams or as part of a community of practice to improve the way they address issues and solve problems. The research involves the process of actively participating in an organization change situation while conducting research. This course is a continuation of Dissertation of Practice III.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDUC 525 The Higher Education Organization 3 Credits
This course allows students to gain perspective on the historical and societal context of higher education in America and the organizational structures, functions, behaviors, and cultures that exist within institutions.

EDUC 530 Student Affairs & Experiences in Higher Education 3 Credits
This course will highlight how individuals access higher education and how that education affects students' development via programs, services and interventions designed to promote student growth. The course will explore multiple dimensions of the student experience and how student development theory is used to understand and enhance those experiences. Students will also explore student affairs organizational structures and functions common in colleges and universities.

EDUC 535 Legal and Ethical Issues in Higher Education 3 Credits
This course discusses the fundamentals of American law that directly and indirectly affect the environment of higher-education. Students will use diverse sources of law to understand the many different ways laws, code and common law affect the life of an higher education administrator. Ethical issues will be explored in relationship to critical issues in higher education such as admissions, affirmative action, dismissal procedures, academic honesty, and student loans.

EDUC 540 Leading Operations, Change and Assessment in Higher Education 3 Credits
In this course, students will gain an understanding of the daily and long-term operational challenges colleges and universities face. The course intends to cultivate a strategic mindset about higher education organizations and a recognition that institutions exist in a competitive environment that require them to change in order to survive.

Early Childhood (P-3)

Program Overview

This Post-Baccalaureate Teacher Certification Program in Early Childhood Education (P-3) is designed for college graduates seeking initial teacher certification in Early Childhood, Preschool through Grade 3. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in Early Childhood Education (P-3) is a 24-credit graduate program requiring five teacher

preparation courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- Early Childhood Certificate (P-3)

Contact

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Associated Departments: Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/) and Department of Teacher Education (https://www.rider.edu/academics/colleges-schools/college-education-human-services/undergraduate-teacher-education/)

Related Programs

- Teaching (M.A.T.) (p. 1452)

Early Childhood Certificate (P-3) Requirements

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
ECED 532	Families, Community, and Diversity in Early Childhood Education	3
CURR 702	Early Literacy Development for Diverse Learners	3
ECED 550	Development Methods and Assessment in Early Childhood Education	3
CURR 710	Math Methods for the Inclusive Elementary Classroom	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**24**

Additional requirements for completion

- Completion of all courses before the clinical experience (student teaching) with a "C+" or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a "C+" grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 702 Early Literacy Development for Diverse Learners 3 Credits
This course addresses current strategies for teaching beginning learners' vocabulary, comprehension, composition, and language study. It addresses strategies for the development of literacy for all learners ranging from the gifted and talented to those with learning disabilities or other special needs. The course develops proficiency with the management of literacy instruction for content areas in general education in preschool and primary grades and planning aligns with NJ Student Learning Standards. It provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on literacy instruction in inclusive classrooms.
Prerequisite(s): CURR 700.

CURR 710 Math Methods for the Inclusive Elementary Classroom 3 Credits
This course introduces candidates to effective mathematics instruction based on learning trajectories of diverse learners in preschool and elementary classrooms. In alignment with NAEYC and NCTM and NJ Student Learning standards, emphasis is placed on planning and implementing an inquiry-based approach with hands-on experiences, use of technology, and traditional and non-traditional assessment strategies. Students also explore positive models of classroom management and environment design to support diverse learning needs. The course provides candidates with the pedagogical proficiency necessary for the development of the mathematical dimensions of their students' career readiness skills. Field experiences consist of classroom observations with instructional analysis and assessment of children's mathematical thinking.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/ orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/ orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

ECED 532 Families, Community, and Diversity in Early Childhood Education 3 Credits
This course addresses the role of parents of young children within the context of school, home and society, as well as the influence of culture, traditions and current issues in early childhood education. Students will explore the efficacy of parenting techniques and behaviors on child development in the early years, including cognitive growth, emotional and social well-being and physical health. Students will investigate strategies for fostering home-school partnerships that enhance child development and educational success, as well as the influence of community, culture and socio-economic status on families and schools throughout our world. In addition, this course addresses current issues and challenges in the early childhood profession including inclusion of children with special needs, advocacy for quality care and education for all young children, and any other subject that might arise - either from the lives of children and families, teachers' professional development, or community agencies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ECED 550 Development Methods and Assessment in Early Childhood Education 3 Credits
The focus of this course is developmentally appropriate and culturally responsive curriculum and teaching P-3 settings as delineated in the guidelines of the National Association for the Education of Young Children. Students will learn how to make curriculum and teaching decisions based on knowledge of child development, content area, curriculum content standards, and home and community cultures. In order to meet the ever-changing needs, interests, and growing strengths of individual children, careful observation and assessment provides teachers with information on which to base adjustments of teaching plans. This course will provide opportunities to deepen understanding of child development; gain an appreciation for the professional responsibility of ongoing assessment of children; and, develop the necessary skills to gather, record, and interpret information in a deliberate and reflective manner. Required: 6 hours per week field placement in a Preschool classroom. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

Educational Leadership (M.A.)

Program Overview

The program in Educational Leadership at Rider University prepares candidates for leadership positions at different administrative levels in elementary and secondary schools, colleges and related educational organizations. All programs are accredited. The program has been designed to be developmental and experiential in nature, fostering ethical behavior and the improvement of self and one's profession. Candidates are prepared for leadership opportunities in a collegial and collaborative academic environment that promotes inquiry and discovery, personal growth and initiative, and professional development. The Option Sequences build upon and reference the appropriate professional standards.

Preparing Principals for New Emerging Needs

Rider's Educational Leadership program recognizes that it is principals who are best positioned to lead the effort in their schools to ensure that teaching and learning are as excellent as possible. Principals who have a school-wide focus on better teaching and learning, who know how to create a vision and share authority, and who are prepared to be accountable for achieving the school's educational goals, are vital to ensuring the quality of our children's education. The professionals in the College of Education and Human Services work with the program's participants to develop and evaluate curricula, use data to diagnose student needs, coach teachers, plan professional development in their schools, and establish school-wide norms that support high quality teaching and learning.

Curriculum Overview

Leading to a Master of Arts in Educational Leadership, the Principal Leadership program's executive-style format brings educational peers together to study, network and learn as a unit throughout the program. Participants engage in online classes during the school year and attend scheduled face to face class meetings. The program's flexible, blended learning format recognizes the demands of the teaching profession while maintaining the rigors of a quality leadership training program. Participants pursue their graduate studies without interrupting their professional and personal responsibilities. Candidates complete their graduate studies in two years, and are eligible to apply for both the principal and supervisor certificates.

Educational Leadership Highlights

The 36-credit program of study consists of 12 courses that focus on three areas of leadership:

- personal leadership
- instructional leadership
- school culture leadership

An accomplished and distinguished faculty whose members bring deep practical and theoretical knowledge to their disciplines lead the program. There is close integration of coursework and fieldwork, using techniques such as case studies, problem-based learning and journaling to encourage continuous reflection about the connections between theory and practice. The curriculum heavily emphasizes teaching and learning, school redesign and collaborative decision-making. Relevant field-based experiences (Leadership Growth Projects) are also integrated throughout the program of study, beginning with the very first course.

Planned Internship Experiences

This year-long aspect of the program emphasizes both the management and instructional facets of leadership for increased student performance. Coordinated by the program director at Rider and a school-based mentor, participants develop the skills needed to strategically transform public schools that prepare students for college and career success.

Degree Offered

- M.A. in Educational Leadership

Contact

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Program Website: Educational Leadership (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate/principal-leadership/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Principal Certificate (p. 1421)
- Teacher Leadership (p. 1440)
- Supervisor of Instruction (p. 1437)

Educational Leadership M.A. Program Requirements

(36 credits)

Code	Title	Credits
Group I—Leadership		
EDAD 501	Educational Leadership and Organizational Theory	3
EDAD 507	Education and the Law	3
EDAD 514	School Finance and Fiscal Management	3
EDAD 521	Using Research Strategies and Analysis of Data to Make Decisions in Schools	3
EDAD 591	Seminar/Practicum in Educational Leadership/ Supervision [1]	3
EDAD 592	Seminar/Practicum in Educational Leadership/ Supervision [2]	3
Group II—Supervision		
EDAD 505	Supervisor/Teacher Leadership for Improved Instruction and Student Learning	3
EDAD 511	Group Process in Supervision for Creative Change and Collaboration in Schools	3
Group III—Curriculum and Instruction		
CURR 531	Strategies for Curriculum Development, Innovation and Change	3
CURR 538	Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners	3
CURR 548	Curriculum and Instruction for Diverse Learners	3
Group IV—Foundations		
EDUC 515	Issues in American Schools and Society	3
Total Credits		**36**

1 This course should be taken in the fall semester.

2 This course should be taken in the spring semester.

Notes:

1. Meet general master's degree requirements.
2. Candidates will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted curriculum content standards, professional development standards, and National/State school leadership standards.
3. Develop and refine the personal leadership platform statement throughout the program.
4. Complete a 9–12 hour standards and outcome-based growth project in each class and a 300 hour "capstone internship" in the Seminar/Practicum courses in Educational Leadership (EDAD 591/EDAD 592). Teacher Leadership candidates need only complete a 150 hour "capstone internship" in the Seminar/Practicum course EDAD 510.
5. Submit an electronic Leadership Growth Project Portfolio.
6. Complete a comprehensive standards-based self-assessment.
7. Complete a "Capstone School Improvement/Change Project."

Courses and Descriptions

CURR 531 Strategies for Curriculum Development, Innovation and Change 3 Credits
This course will address the importance of philosophy, historical precedents, learning theory, developmental theory, emerging social trends and issues, and recent trends in content knowledge as bases for designing and developing the K-12 curriculum. The articulation of curriculum aims and goals, the development and selection of learning experiences, the organization of learning experiences, and plans for evaluating curriculum outcomes are used as steps for developing the curriculum. Students investigate the roles teachers, teacher leaders, supervisors and administrators play in implementing curriculum designs in school settings. Students are expected to demonstrate course understandings through actual school applications and field experiences that are referenced to state and national standards.

CURR 538 Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners 3 Credits
This course establishes the implemented curriculum by establishing the relationship between curriculum goals and the instructional strategies needed to realize those purposes. Emphasis will be placed on analyzing and using various instructional models to meet the learning expectations embodied in curriculum goals and core curriculum content standards from pre-school to high school. Students will examine instructional strategies from the perspectives of assessing research findings on effective practices, realizing curriculum standards, adapting the classroom to diverse learner needs, establishing appropriate staff development agendas, and providing forms of supervisory support to optimize learning and achievement. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, and national school leadership standards.
Prerequisite(s): CURR 531.

CURR 548 Curriculum and Instruction for Diverse Learners 3 Credits
This course will examine the curricular and instructional issues that educational leaders must address in accommodating the school program to the needs and abilities of diverse learners. A historical perspective will be developed with an emphasis on how schools have responded to meet the needs of the exceptional child. Legal issues and programmatic trends will be examined and assessed since the inception of the Individuals with Disabilities Education Act. Multicultural issues will be introduced within the context of school and society. The responsibility of the educational leader in fostering a multicultural perspective pertaining to curriculum and instruction, governance, bias and prejudice and school climate and culture will be emphasized. Students will identify and develop curricular possibilities and solutions in school settings to accommodate learners' diverse needs. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, state adopted core curriculum content standards, professional development standards, standards and national school leadership standards.
Prerequisite(s): CURR 531, CURR 538.

EDAD 501 Educational Leadership and Organizational Theory 3 Credits
This introductory course will provide leadership candidates with a framework for understanding the complexity of organizational behavior in an educational setting. Theories and issues in the technical core of teaching and learning, educational governance, leadership, communication patterns, decision-making, school culture, organizational problem solving and school change will be presented, examined and applied through a series of case studies and student initiated inquiry/research projects and presentations. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.

EDAD 505 Supervisor/Teacher Leadership for Improved Instruction and Student Learning 3 Credits
This course will explore the supervisory and evaluation practices in K-12 settings by examining and identifying the relationships among collegiality and collaboration, educational leadership, and the improvement of instruction. This course will emphasize the development of practical observation skills and approaches and the development of appropriate professional growth plans to enhance staff performance and bring about increased student learning. Multi-track evaluation programs will be examined as well as an analysis of current observation and supervisory approaches used in school districts. Participants in the course will develop a personal supervisory platform. This course will emphasize the development of collaborative and clinical supervision approaches as well as communication skills and interpersonal qualities of the effective supervisor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.
Prerequisite(s): Permission of Program Director.

EDAD 507 Education and the Law 3 Credits
This course will address legal issues and requirements confronting educational leaders in school settings. Students will be introduced to varied legal requirements that pertain to educational settings. Legal concepts and issues, and policies and procedures relating to students, parents, teachers and administrators, the board of education, and the community will be introduced and examined. Some of the topics referenced will include: regulations and the key concepts in the Individuals with Disabilities Education Act and the Americans with Disabilities Act; No Child Left Behind legislation; church-state issues; free-speech rights of students, teachers and extracurricular groups; curriculum development and implementation; rules governing student and staff conduct; creating and maintaining a safe school environment; child abuse; search and seizure procedures; affirmative action requirements; and, due process procedures. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.

EDAD 511 Group Process in Supervision for Creative Change and Collaboration in Schools 3 Credits
This course will apply theory and research to the supervisory function of developing group capacity in educational settings. Students will identify group process "best practices" to be modeled by educational leaders. Candidates will develop and refine techniques, strategies, and personal skills facilitating the development of helping and caring relationships with faculty and staff, while promoting interactive communication with stakeholders concerned with improving teaching and learning. Students will demonstrate effective supervisory behaviors in class sessions and simulations that represent daily challenges and opportunities present in school settings. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 505.

EDAD 514 School Finance and Fiscal Management 3 Credits
This course will examine the principles and court decisions involved in shaping the legal framework of school finance. Students will examine the historical spending patterns of a school district budget and develop new budget proposals using "generally accepted accounting procedures" and the appropriate state budgeting codes. Students will study school budgeting procedures as a tool for program and school improvement. The class will examine the financial implications associated with site-based management models and whole school reform. Legislation pertaining to the financing of short and long term debt will be examined. Students will use technology to gather data; identify non-tax based resources; create presentations for specific audiences; and, work with models of data driven indicators to examine issues of equity, efficiencies and resource deployment. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501.

EDAD 521 Using Research Strategies and Analysis of Data to Make Decisions in Schools 3 Credits
This course will develop the skills needed by educational leaders at all levels to interpret, use, and apply statistical concepts and research methodologies in critical administrative and supervisory functions. Statistical methodology will be used to further understanding of different research strategies. Students will interpret data and make informed decisions regarding the frameworks, implementation, and evaluation of instructional programs and practices designed to improve teaching and learning in school, district, and national settings. Course activities and field work will include: scenario and case study analyses; the use of critical friends' discussion groups; the application and use of different technologies and software programs; and, the identification of appropriate problem solving and resolution strategies. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501 and EDAD 514.

EDAD 591 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the first of two "capstone" internship courses for candidates in the leadership program in educational administration. The course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. This course is taken in the fall semester and is followed in the spring semester with EDAD 592. After analysis of leadership strengths, based on a self-assessment completed by the candidate, specific internship experiences will be cooperatively planned by the candidate, site-based mentor, and instructor. The capstone internship will build on strengths, develop growth experiences, be substantial and sustained, and be ethically informed. Students will cooperatively evaluate and problem-solve internship experiences, assess leadership performance from best-practice perspectives, finalize the development of a leadership platform statement, review and discuss topics and scenarios derived from readings and other resources, engage in simulations and case analyses, and interact with students in other graduate programs. Presentations by practicing administrators and other school personnel will provide understanding of the patterns of interaction that occur among different leadership positions in educational institutions. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of Instructor.

EDAD 592 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the second of the "capstone" internship course sequence that coincides with the school-year calendar and is taken during the spring semester. In combination with EDAD 591, the course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. Students will continue pursuing field-based internship projects initiated in EDAD 591 in collaboration with a site mentor and the course instructor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of instructor.
Prerequisite(s): EDAD 591.

EDUC 515 Issues in American Schools and Society 3 Credits
This course is designed to examine contemporary educational issues impacting on schools and to re-examine the purposes of schooling in a democratic society. Students will explore current and emerging policy issues and the demands for reform in schools and districts. Emphasis will be placed on identifying and developing politically feasible responses to policy issues and procedural problems facing educational leaders today. The role of the leader in promoting the development of a collaborative institutional culture and climate and the identification of best-practice strategies to involve community stakeholders in the development of policies and programs will be emphasized. Effective communication models for use within the school, district and greater community and the use of different media and technology formats will be examined and evaluated. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.

Elementary (K-6)

Program Overview

This Post-Baccalaureate Elementary Education Teacher Certification Program is designed for college graduates seeking initial teacher certification in Elementary (K-6), Kindergarten through Grade 6. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Elementary K-6 Teacher Certification Program is a 21-graduate credit program requiring four courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- Elementary (K-6)

Contact

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Related Programs

- Teaching (M.A.T.) (p. 1452)

Elementary Certificate (K-6) Requirements

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 702	Early Literacy Development for Diverse Learners	3
CURR 710	Math Methods for the Inclusive Elementary Classroom	3
CURR 715	Inclusive Elementary Science, Arts, & Social Studies Teaching	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional requirements for completion

- Completion of all courses before final clinical experience (student teaching) with a “C+” or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a “C+” grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 702 Early Literacy Development for Diverse Learners 3 Credits
This course addresses current strategies for teaching beginning learners’ vocabulary, comprehension, composition, and language study. It addresses strategies for the development of literacy for all learners ranging from the gifted and talented to those with learning disabilities or other special needs. The course develops proficiency with the management of literacy instruction for content areas in general education in preschool and primary grades and planning aligns with NJ Student Learning Standards. It provides candidates with the pedagogical literacy proficiency necessary for the development of their students’ career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on literacy instruction in inclusive classrooms.
Prerequisite(s): CURR 700.

CURR 710 Math Methods for the Inclusive Elementary Classroom 3 Credits
This course introduces candidates to effective mathematics instruction based on learning trajectories of diverse learners in preschool and elementary classrooms. In alignment with NAEYC and NCTM and NJ Student Learning standards, emphasis is placed on planning and implementing an inquiry-based approach with hands-on experiences, use of technology, and traditional and non-traditional assessment strategies. Students also explore positive models of classroom management and environment design to support diverse learning needs. The course provides candidates with the pedagogical proficiency necessary for the development of the mathematical dimensions of their students’ career readiness skills. Field experiences consist of classroom observations with instructional analysis and assessment of children’s mathematical thinking.

CURR 715 Inclusive Elementary Science, Arts, & Social Studies Teaching 3 Credits
This course provides aspiring elementary school teachers with a variety of developmentally appropriate options for designing, implementing, and evaluating curriculum and instruction in science, social studies, and the arts. Using NJ Student Learning Standards, emphasis is placed on inclusive practices and differentiation of instruction (e.g., modifying curriculum planning, learning environments, and instructional materials, content, processes, and products), curriculum integration, thematic unit and lesson planning, various teaching strategies, hands-on learning experiences, inquiry learning, career readiness skills, higher-order thinking, reflective practice, and various assessment strategies. Other facets of teaching also are addressed or reviewed in the course. These include the characteristics and needs of students with disabilities motivation, classroom management, and becoming a team member of a school faculty. Candidates also refine their pedagogical knowledge and skills by participating in the modification of instruction to meet the needs of diverse learners in nearby school settings.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

English (K-12)

Program Overview

This Post-Baccalaureate Teacher Certification Program in English (K-12) is designed for college graduates seeking initial teacher certification in the subject area of English/Language Arts. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

This Post-Baccalaureate Teacher Certification Program in English (K-12) is a 21-credit graduate program requiring four courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- Certificate in English (K-12)

Contact

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Associated Department: Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/)

Related Programs

- Teaching (M.A.T.) (p. 1452)

English Certificate (K-12) Requirements

(21 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 704	Inclusive Methods for Teaching English Language and Theater Arts	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional requirements for completion

- Completion of all courses before clinical experience (student teaching) with a “C+” or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a “C+” grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 704 Inclusive Methods for Teaching English Language and Theater Arts 3 Credits
This course provides experience with various methods of teaching and learning integrated English language and theater arts and with diverse adolescent students. Teacher candidates explore methods, classroom management, and strategies for teaching and learning through reading/literature, language development, writing/composing processes, representing and performing, speaking, listening, and viewing/creating media. Candidates design curriculum and assessments using NJ Student Learning Standards for Language Arts Literacy and Theatre and Visual Arts curriculum standards. Aligned with NCTE's Guidelines for the Preparation of Teachers of English Language Arts, the course uses collegial collaboration during the review of student work, co-planning curriculum and assessment in the development of employability skills such as collaborative planning, teaching, and assessment review. A field-based middle school partnership embedded in the course allows candidates to work with a range of diverse students and explore implications for teaching, learning, and providing access to the general curriculum for all students.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

English as a Second Language/ESL (K-12)

Program Overview

This Post-Baccalaureate Teacher Certification Program in English as a Second Language/ESL (K-12) is designed for college graduates seeking initial teacher certification in the subject area of English as a Second Language. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student

teaching and seminar) at the end of the program requires full-time enrollment for one semester.

Rider's ESL Program trains future and current educators to develop students' level of English and to be sensitive to the complex backgrounds of culturally and linguistically diverse students. The mission of the ESL Program is to provide the skills, understandings and the development of attitudes necessary to teach culturally and linguistically diverse students for them to achieve their highest potential through education for life.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

This Post-Baccalaureate Teacher Certification Program in English as a Second Language is a 24-credit graduate program requiring five teacher preparation courses to be taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- English as a Second Language/ESL Certificate (K-12)

Contact

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Program Website: ESL Certification (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/teacher-education-programs/english-second-language/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Teaching (M.A.T.) (p. 1452)

English as a Second Language/ESL Certificate (K-12) Requirements

(24 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
EDUC 520	Introduction to Linguistics and Psycholinguistics	3
EDUC 521	Teaching a Second Language	3
EDUC 560	Educating and Evaluating the Bilingual Child	3
LITR 508	Literacy and the Bilingual/Bicultural Child	3
Total Credits		**24**

Additional requirements for completion

- Completion of all courses before the clinical experience (student teaching) with a "C+" or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a "C+" grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

EDUC 520 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester.

EDUC 560 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study.

EDUC 521 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

English as a Second Language/ESL Endorsement Certificate (K-12)

Program Overview

This English as a Second Language/ESL Endorsement (K-12) Certificate program is for those educators already NJ-certified in another specialization area but who want to add the endorsement as an ESL teacher to help English Language Learners become fluent in the English language. This is a streamlined yet rigorous program of professional studies and teacher preparation that combines theory, research, fieldwork, and practice.

Curriculum Overview

This endorsement certificate provides ESL teaching credentials for those already NJ-certified in another specialization. It is a 15-credit program requiring five teacher preparation courses offered in the late afternoon/evening.

Certificate Offered

- English as a Second Language/ESL Endorsement Certificate (K-12)

Contact

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Program Website: ESL Endorsement Certificate (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/teacher-education-programs/english-second-language/)
Associated Department: Department of Graduate Education, Leadership, and Counseling

Related Programs

- Teaching (M.A.T.) (p. 1452)

English as a Second Language/ESL Endorsement Certificate (P-12) Requirements

(15 credits)

Code	Title	Credits
CURR 548	Curriculum and Instruction for Diverse Learners	3
EDUC 520	Introduction to Linguistics and Psycholinguistics	3
EDUC 521	Teaching a Second Language	3
EDUC 560	Educating and Evaluating the Bilingual Child	3
LITR 508	Literacy and the Bilingual/Bicultural Child	3
Total Credits		**15**

Courses and Descriptions

CURR 548 Curriculum and Instruction for Diverse Learners 3 Credits
This course will examine the curricular and instructional issues that educational leaders must address in accommodating the school program to the needs and abilities of diverse learners. A historical perspective will be developed with an emphasis on how schools have responded to meet the needs of the exceptional child. Legal issues and programmatic trends will be examined and assessed since the inception of the Individuals with Disabilities Education Act. Multicultural issues will be introduced within the context of school and society. The responsibility of the educational leader in fostering a multicultural perspective pertaining to curriculum and instruction, governance, bias and prejudice and school climate and culture will be emphasized. Students will identify and develop curricular possibilities and solutions in school settings to accommodate learners' diverse needs. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, state adopted core curriculum content standards, professional development standards, standards and national school leadership standards.
Prerequisite(s): CURR 531, CURR 538.

EDUC 520 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester.

EDUC 521 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification.

EDUC 560 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

Higher Education Leadership Certificate

Higher education is continually changing. The Higher Education Leadership Certificate will help professionals stay abreast of those changes. The coursework in this Graduate Certificate covers four critical areas that together describe how institutions of higher learning operate. Major content areas are: how colleges and universities organize themselves; how they affect students in terms of learning and development; how they are shaped by the larger environment and legal mandates; and how they change and adapt to the changing landscape of education.

The coursework is aimed at working professionals who want to deepen their knowledge of functions such as student affairs, to gain an understanding of how higher education institutions assess, plan and change, and also who want to develop insight into the complex and changing "big picture" of higher education.

Students will earn a Graduate Certificate upon completion of the four required courses. Students who wish to pursue the MA in Organizational Leadership (p. 1416) degree may use the Higher Education Leadership Certificate course credits towards those programs.

Certificate Offered

- Higher Education Leadership Certificate

Contact

Kellie M. McKinney, Ed.D.
Program Director

Program Website: Higher Education Leadership Certificate (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/leadership-programs/graduate-programs-organizational-leaders/leadership-higher-education/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Organizational Leadership (M.A.) (p. 1416)

Certificate in Higher Education Leadership Requirements

(12 credits)

Students must:

- comply with the general requirements for graduate study in the Rider University Department of Graduate Education, Leadership, and Counseling;
- complete 12 credits with GPA of "B" (3.0) or better.

Code	Title	Credits
EDUC 525	The Higher Education Organization	3
EDUC 535	Legal and Ethical Issues in Higher Education	3
EDUC 540	Leading Operations, Change and Assessment in Higher Education	3
One elective from the following:		3
EDUC 530	Student Affairs & Experiences in Higher Education	
EDUC 541	Assessing Organizational Performance in Higher Education	
EDUC 542	Assessment of Student Learning in Higher Education	
Total Credits		**12**

Courses and Descriptions

EDUC 525 The Higher Education Organization 3 Credits
This course allows students to gain perspective on the historical and societal context of higher education in America and the organizational structures, functions, behaviors, and cultures that exist within institutions.

EDUC 530 Student Affairs & Experiences in Higher Education 3 Credits
This course will highlight how individuals access higher education and how that education affects students' development via programs, services and interventions designed to promote student growth. The course will explore multiple dimensions of the student experience and how student development theory is used to understand and enhance those experiences. Students will also explore student affairs organizational structures and functions common in colleges and universities.

EDUC 535 Legal and Ethical Issues in Higher Education 3 Credits
This course discusses the fundamentals of American law that directly and indirectly affect the environment of higher-education. Students will use diverse sources of law to understand the many different ways laws, code and common law affect the life of an higher education administrator. Ethical issues will be explored in relationship to critical issues in higher education such as admissions, affirmative action, dismissal procedures, academic honesty, and student loans.

EDUC 540 Leading Operations, Change and Assessment in Higher Education 3 Credits
In this course, students will gain an understanding of the daily and long-term operational challenges colleges and universities face. The course intends to cultivate a strategic mindset about higher education organizations and a recognition that institutions exist in a competitive environment that require them to change in order to survive.

EDUC 541 Assessing Organizational Performance in Higher Education 3 Credits
Through this course, students will be introduced to the concept of institutional effectiveness which focuses on an institution's ability to use planning strategies and evaluation information to assess current performance and plan for improvements. Students will understand the importance of a performance assessment culture including the presence of clear performance goals and measures, collaborative decision-making, and engaged leadership. A focus on determining what should be assessed in academic and administrative units and strategies for initiating performance assessment programs is reviewed.

EDUC 542 Assessment of Student Learning in Higher Education 3 Credits
This course examines institutional effectiveness matters focusing on assessment processes in higher education. It explores topics such as the evaluation of academic programs, assessment of student learning outcomes, and involvement in accreditation and accountability demands in higher education. Here, the focus is on how colleges and universities are doing assessment, at the classroom, program, and institutional levels. The course covers the pragmatic planning skills and decision-support tools relevant to assessing student learning. Just as businesses are expected to adhere to compliance and ethics standards, this course provides an in-depth look at how universities' adherence to standards pertaining to academic success can and will lead to an assurance that accredited universities are achieving their institutional goals, meeting the public's' expectations, and realizing their greater societal mission.

Life and Career Coaching Certificate

Program Overview

The Life and Career Coaching certificate program at Rider University is designed to meet the educational requirements for certification as a Board Certified Coach through the Center for Credentialing and Education, Inc. (http://www.cce-global.org/bcc/) Coaches are helping professionals who assist clients in achieving goals in areas such as life transitions, significant relationships, physical health, emotional well-being, career choices, and spirituality. Some coaches carve out a niche by working with business leaders as executive coaches. Coaches differ from other mental health professionals in that they do not work with clients with diagnosable mental health disorders.

Curriculum Overview

There are three pathways to completion of required coursework, depending on a student's educational and professional background. These pathways range from one to three courses.

Certificate Offered

- Board Certified Coach

Contact

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Program Website: Life and Career Coaching (http://www.rider.edu/academics/colleges-schools/claes/soe/graduate-programs/counseling-services/life-career/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/leadership-programs/graduate-programs-school-leaders/)

Related Programs

- Counseling Services (School Counseling Concentration) (M.A.) (p. 1385)
- Clinical Mental Health Counseling (M.A.) (p. 1378)
- Organizational Leadership (p. 1416)

Life and Career Coaching Certificate Requirements

There are three pathways to the Life and Career Coaching certificate in order to meet the educational requirements for certification, depending on a student's educational and professional background.

For students who hold a *bachelor's degree or a graduate degree in a field outside of social or behavioral science* (e.g. mathematics, biology), three courses are required.

(9 credits)

Code	Title	Credits
COUN 500	Introduction to Counseling and Helping Professions	3
CNPY 502	Theories of Counseling and Helping Professions	3
COUN 505	Vocational/Career Development	3
or COUN 504	Vocational/Career Development in Educational Settings	

For students who hold a *master's degree in counseling or a doctoral degree in a social or behavioral science* (e.g. social work, education, health, or business), one course is required.

(3 credits)

Code	Title	Credits
COUN 501	Coaching Principles and Practices	3

For students who hold *a master's degree in a social or behavioral science other than counseling* (e.g. social work, education, health, or business), two courses are required.

(6 credits)

Code	Title	Credits
COUN 501	Coaching Principles and Practices	3
or CURR 501	Coaching Principles and Practices	
Choose one of the following electives:		**3**
COUN 504	Vocational/Career Development in Educational Settings	
or CURR 504	Vocational/Career Development in Educational Settings	
COUN 505	Vocational/Career Development	
COUN 550	Counseling and Helping Techniques Laboratory	

Courses and Descriptions

CNPY 502 Theories of Counseling and Helping Professions 3 Credits
Introduces the theoretical constructs of the primary contemporary counseling psychology theories being used in the counseling profession today. The theoretical constructs will be explored for use for self-reflection and self-development and to serve as the basis for development of psychological maps for understanding purposes of clients' behaviors.
Prerequisite(s): COUN 500 or as corequisite.

COUN 500 Introduction to Counseling and Helping Professions 3 Credits
Educational, social, and psychological foundations of counseling services. Basic theories, principles, and techniques of counseling and related helping professions, such as coaching, and their applications to professional services. Emphasizes self-awareness as related to becoming a facilitator of helping skills. The team approach to counseling services and the contribution of the various specialties within the total counseling services program are stressed.

COUN 501 Coaching Principles and Practices 3 Credits
The course covers core coaching competencies, including coaching screening and orientation, fundamental skills, assessment, approaches for organizations, and coaching ethics. The course meets all 30-hour educational requirements for certification as a Board Certified Coach (BCC) through the Center for Credentialing and Education and is required course for the 60-hour BCC educational requirements.

COUN 504 Vocational/Career Development in Educational Settings 3 Credits
This course provides a comprehensive and practical approach to career counseling, coaching, and curriculum design in Kindergarten through postsecondary settings. Theories of vocational development and decision making form the foundation for designing career counseling curriculum. The problems and techniques of using college and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and organizational change processes are stressed. Concepts of career/life planning and the interrelationships among life roles, family, ecosystemic influences, and work in a diverse and changing society are explored.

COUN 505 Vocational/Career Development 3 Credits
Includes organizational change and vocational development theories, research, and literature in the field to inform practice with clients with vocational/career concern. The problems and techniques of using occupational and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and group processes are stressed. Includes concepts of career/life planning and counseling and coaching techniques, lifespan transitions, and the interrelationships among work, family, and other life roles.

COUN 550 Counseling and Helping Techniques Laboratory 3 Credits
This a laboratory course, which provides opportunities for both the observation and practice of counseling and professional helping skills. The purpose of this course is to provide students with their initial training in counseling and helping skills under closely supervised conditions. The focus of this course is the development of initial client interviewing and basic counseling and helping skills through an emphasis on techniques (basic and advanced listening and helping skills), strategy (the counseling and helping process), and self-development (the student as counselor and helper) grounded in theories of counseling and related helping professions.

CURR 501 Coaching Principles and Practices 3 Credits
This course is an introduction to the profession of coaching for educators. It is designed to fulfill the educational requirements for certification as a Board Certified Coach through the Center for Credentialing and Education (CCE). The CCE competencies for certification provide the basis for course material.

CURR 504 Vocational/Career Development in Educational Settings 3 Credits
This course provides a comprehensive and practical approach to career counseling, coaching, and curriculum design for educators who work in Kindergarten through postsecondary settings. Theories of vocational development and decision making form the foundation for designing career counseling curriculum. The problems and techniques of using college and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and organizational change processes are stressed. Concepts of career/life planning and the interrelationships among life roles, family, ecosystemic influences, and work in a diverse and changing society are explored.

Mathematics (K–12)

Program Overview

This Post-Baccalaureate Teacher Certification Program in Mathematics (K-12) is designed for college graduates seeking initial teacher certification in the subject area of Mathematics. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in Mathematics is a 21-credit graduate program requiring four courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- Mathematics (K–12)

Contact

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Related Programs

- Teaching (M.A.T.) (p. 1452)

Mathematics Certificate (K-12) Requirements (21 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 707	Inclusive Methods for Teaching Mathematics	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional requirements for completion

- Completion of all courses before the clinical experience (student teaching) with a “C+” or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 with a “C+” grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/ lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students’ career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 707 Inclusive Methods for Teaching Mathematics 3 Credits
This course critically analyzes the aims of teaching mathematics in secondary schools. Research pertaining to mathematics teaching and learning is analyzed. Demonstration lessons including reflective teaching and individual and group processing are created and carried out to clarify teaching, mathematics curriculum planning using NJ Student Learning Standards in Mathematics, the organization of materials and subject matter, assessment processes classroom management strategies, and awareness of career requirements in STEM fields. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying mathematics curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

Music (K-12)

Program Overview

This Post-Baccalaureate Teacher Certification Program in Music (K-12) is designed for college graduates seeking initial teacher certification in the subject area of Music. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in Music is a 21-credit graduate program requiring four courses in teacher preparation taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- Music Certificate (K-12)

Contact

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Related Programs

- Teaching (M.A.T.) (p. 1452)

Music (K-12) Requirements

(21 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 712	Inclusive Methods for Teaching Music	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional requirements:

- Completion of all courses before the clinical experience (student teaching) with a "C+" or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a "C+" grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 712 Inclusive Methods for Teaching Music 3 Credits
This course provides experience with various methods of teaching and learning music K-12. Course readings and field observations focus on inclusive teaching practices in music and explore implications for teaching, learning, and providing access to the general curriculum for all students across diverse settings. Candidates also design curriculum and assessments using NJ Student Learning Standards for Music/Visual and Performing Arts.
Prerequisite(s): CURR 700, CURR 703, CURR 720.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

NJ Alternate Route Teacher Certification

Overview

The NJ Alternate Route Teaching Certificate Program (also known as Provisional Teacher Process or PTP) provides rigorous teacher preparation and individualized guidance to help candidates develop knowledge, skills, and confidence as a teacher while teaching with a Certificate of Eligibility (CE) under provisional agreement with a school district. This 2-year program comprises 27 graduate-level credit hours to meet certification requirements. With the addition of just one 3-credit graduate course, candidates in the program can earn their 30-credit Master of Arts in Teaching (MAT) degree.

Certificates Offered

- Art
- Comprehensive Business Education
- Dance
- ESL
- Health and Physical Education
- Science
- Elementary K-6
- English Language Arts
- Mathematics
- Early Childhood P-3
- Social Studies
- Theater
- Music
- World Languages

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NJ Alternate Route Teacher Certification Requirements

NJ Alternate Route Teaching Certification (K-6) (p. 1412)

NJ Aternate Route Teacher Certification Program (Subject Areas) (p. 1412)

NJ Alternate Route Teacher Certification Program (ESL) (p. 1413)

NJ Alternate Route Teacher Certification Program (P-3) (p. 1413)

NJ Alternate Route Teaching Certification (K-6)
(27 credits)

Code	Title	Credits
Required Courses		
Complete all of the following courses:		
CURR 510	Reflection and Mentoring in Professional Teaching Practice	3
CURR 541	Assessment and Student Learning	3
CURR 548	Curriculum and Instruction for Diverse Learners	3
CURR 652	Differentiating Instruction for the Gifted and Talented	3
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 702	Early Literacy Development for Diverse Learners	3
CURR 710	Math Methods for the Inclusive Elementary Classroom	3
CURR 715	Inclusive Elementary Science, Arts, & Social Studies Teaching	3
CURR 772	Clinical Experience in Teaching Seminar	3
Total Credits		**27**

NJ Alternate Route Teacher Certification Program (Subject Areas)
(27 credits)

Code	Title	Credits
Required Courses:		
CURR 510	Reflection and Mentoring in Professional Teaching Practice	3
CURR 541	Assessment and Student Learning	3
CURR 548	Curriculum and Instruction for Diverse Learners	3
CURR 652	Differentiating Instruction for the Gifted and Talented	3
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 772	Clinical Experience in Teaching Seminar	3
Subject Area Methods Courses:		
Select one of the following:		3

CURR 704	Inclusive Methods for Teaching English Language and Theater Arts	
CURR 705	Inclusive Methods for Teaching Social Studies	
CURR 706	Inclusive Methods for Teaching Science	
CURR 707	Inclusive Methods for Teaching Mathematics	
CURR 708	Inclusive Methods for Teaching Business	
CURR 711	Pedagogy and Methodology in Dance	
CURR 712	Inclusive Methods for Teaching Music	
CURR 713	Inclusive Methods for Teaching Art	
CURR 714	Inclusive Methods for Teaching Health and Physical Education	
EDUC 521	Teaching a Second Language	
Total Credits		**27**

NJ Alternate Route Teacher Certification Program (ESL)
(27 credits)

Code	Title	Credits
Required Courses		
Complete all of the following courses:		
CURR 510	Reflection and Mentoring in Professional Teaching Practice	3
CURR 548	Curriculum and Instruction for Diverse Learners	3
CURR 652	Differentiating Instruction for the Gifted and Talented	3
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 772	Clinical Experience in Teaching Seminar	3
EDUC 520	Introduction to Linguistics and Psycholinguistics	3
EDUC 521	Teaching a Second Language	3
EDUC 560	Educating and Evaluating the Bilingual Child	3
LITR 508	Literacy and the Bilingual/Bicultural Child	3
Total Credits		**27**

NJ Alternate Route Teacher Certification Program (P-3)
(27 credits)

Code	Title	Credits
Required Courses		
Complete all of the following courses:		
CURR 510	Reflection and Mentoring in Professional Teaching Practice	3
CURR 541	Assessment and Student Learning	3
CURR 548	Curriculum and Instruction for Diverse Learners	3
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 702	Early Literacy Development for Diverse Learners	3
CURR 710	Math Methods for the Inclusive Elementary Classroom	3
CURR 772	Clinical Experience in Teaching Seminar	3
ECED 532	Families, Community, and Diversity in Early Childhood Education	3
ECED 550	Development Methods and Assessment in Early Childhood Education	3
Total Credits		**27**

Courses and Descriptions

CURR 510 Reflection and Mentoring in Professional Teaching Practice 3 Credits
This course serves as an introduction to professional teaching work in classrooms. The hands-on work in the course complements required classroom observations and reflections. The course uses participants' classroom observations and reflections as the bases for targeted, practical discussions and study on topics such as classroom management, teacher identity and diversity, teaching and content, asking for feedback, and working with mentors.
Prerequisite(s): Permission of Program Director.

CURR 532 Strategies for Curriculum Change 3 Credits
This course will examine organizational skills and knowledge necessary to effect curriculum development and change, K-12. The course will address the socio-political context of curriculum change along with alternative strategies for initiating, implementing and sustaining standards-based curriculum improvements. Topics of study include strategic planning, problem-solving strategies, needs assessments, curriculum alignment, program evaluation, staff development and the organization of staff members for collaborative deliberation and decision making as essential means for promoting successful curriculum change at all levels of schooling. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards and professional development standards, the Standards for School Leaders of the Interstate School Leaders Licensure Consortium, and the candidate proficiencies developed by the Educational Leadership Constitutient Council.
Prerequisite(s): CURR 531.

CURR 541 Assessment and Student Learning 3 Credits
This course provides hands-on opportunities to create and design varied classroom assessments that help teachers align their teaching goals with student learning goals. With a focus on NJ Student Learning Standards across the curriculum content areas and grade levels, assessments will be designed for use in individual teaching practice and with a variety of diverse learners. Topics include designing assignment rubrics and effective essay prompts as well as developing evaluation criteria.
Prerequisite(s): CURR 510, CURR 700.

CURR 548 Curriculum and Instruction for Diverse Learners 3 Credits
This course will examine the curricular and instructional issues that educational leaders must address in accommodating the school program to the needs and abilities of diverse learners. A historical perspective will be developed with an emphasis on how schools have responded to meet the needs of the exceptional child. Legal issues and programmatic trends will be examined and assessed since the inception of the Individuals with Disabilities Education Act. Multicultural issues will be introduced within the context of school and society. The responsibility of the educational leader in fostering a multicultural perspective pertaining to curriculum and instruction, governance, bias and prejudice and school climate and culture will be emphasized. Students will identify and develop curricular possibilities and solutions in school settings to accommodate learners' diverse needs. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, state adopted core curriculum content standards, professional development standards, standards and national school leadership standards.
Prerequisite(s): CURR 531, CURR 538.

CURR 652 Differentiating Instruction for the Gifted and Talented 3 Credits
This course provides the rationale and practical strategies for effective instructional differentiation for the gifted and talented within and beyond the regular classroom. Participants will learn how to differentiate within subject areas by adjusting content, process, product, and learning environment to meet the needs of learners. They also will explore the nature and nuances of differentiation by ability, readiness, and interest, as well as the implications of instructional differentiation for formative and summative assessment. Throughout the course they will design and share examples of differentiation including tiered assignments, complex instruction, independent studies, graphic organizers, and learning contracts.

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 702 Early Literacy Development for Diverse Learners 3 Credits
This course addresses current strategies for teaching beginning learners' vocabulary, comprehension, composition, and language study. It addresses strategies for the development of literacy for all learners ranging from the gifted and talented to those with learning disabilities or other special needs. The course develops proficiency with the management of literacy instruction for content areas in general education in preschool and primary grades and planning aligns with NJ Student Learning Standards. It provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on literacy instruction in inclusive classrooms.
Prerequisite(s): CURR 700.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 704 Inclusive Methods for Teaching English Language and Theater Arts 3 Credits
This course provides experience with various methods of teaching and learning integrated English language and theater arts and with diverse adolescent students. Teacher candidates explore methods, classroom management, and strategies for teaching and learning through reading/literature, language development, writing/composing processes, representing and performing, speaking, listening, and viewing/creating media. Candidates design curriculum and assessments using NJ Student Learning Standards for Language Arts Literacy and Theatre and Visual Arts curriculum standards. Aligned with NCTE's Guidelines for the Preparation of Teachers of English Language Arts, the course uses collegial collaboration during the review of student work, co-planning curriculum and assessment in the development of employability skills such as collaborative planning, teaching, and assessment review. A field-based middle school partnership embedded in the course allows candidates to work with a range of diverse students and explore implications for teaching, learning, and providing access to the general curriculum for all students.

CURR 705 Inclusive Methods for Teaching Social Studies 3 Credits
This course addresses the practical and theoretical aspects of teaching social studies to diverse adolescents in secondary schools. Using the NJ Student Learning Standards in Social Studies, candidates will prepare and design curriculum and assessment for students in various learning environments and with diverse learning needs. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying social studies curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 706 Inclusive Methods for Teaching Science 3 Credits
Classroom interaction analysis systems are used in the study of the instructional processes that support inquiry-based science learning. Candidates develop their own repertoires of teaching strategies, classroom management strategies, and awareness of career requirements in STEM fields. Emphases are on the investigation and interpretation of recent curriculum developments in NGSS and NJ Student Learning Standards in Science as well as the use of lab-based processes in science learning. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying science curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 707 Inclusive Methods for Teaching Mathematics 3 Credits
This course critically analyzes the aims of teaching mathematics in secondary schools. Research pertaining to mathematics teaching and learning is analyzed. Demonstration lessons including reflective teaching and individual and group processing are created and carried out to clarify teaching, mathematics curriculum planning using NJ Student Learning Standards in Mathematics, the organization of materials and subject matter, assessment processes classroom management strategies, and awareness of career requirements in STEM fields. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying mathematics curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 708 Inclusive Methods for Teaching Business 3 Credits
Emphasis is placed on the enhancement of teaching inclusive business education. Special attention is devoted to the new technology and its use in business education. Current instructional materials are presented and utilized. Master practicing business education teachers will augment the instructor's presentations.

CURR 710 Math Methods for the Inclusive Elementary Classroom 3 Credits
This course introduces candidates to effective mathematics instruction based on learning trajectories of diverse learners in preschool and elementary classrooms. In alignment with NAEYC and NCTM and NJ Student Learning standards, emphasis is placed on planning and implementing an inquiry-based approach with hands-on experiences, use of technology, and traditional and non-traditional assessment strategies. Students also explore positive models of classroom management and environment design to support diverse learning needs. The course provides candidates with the pedagogical proficiency necessary for the development of the mathematical dimensions of their students' career readiness skills. Field experiences consist of classroom observations with instructional analysis and assessment of children's mathematical thinking.

CURR 711 Pedagogy and Methodology in Dance 3 Credits
This course provides the student with first-hand experience inside a classroom setting to broaden the students' understanding of dance techniques, teaching styles and strategies, analysis of skills and critical feedback, class preparation and design, and assessment. Course requirements include off-campus field work. The existing methods course in Dance for beginning teachers is cross-listed with DAN 450.

CURR 712 Inclusive Methods for Teaching Music 3 Credits
This course provides experience with various methods of teaching and learning music K-12. Course readings and field observations focus on inclusive teaching practices in music and explore implications for teaching, learning, and providing access to the general curriculum for all students across diverse settings. Candidates also design curriculum and assessments using NJ Student Learning Standards for Music/Visual and Performing Arts.
Prerequisite(s): CURR 700, CURR 703, CURR 720.

CURR 713 Inclusive Methods for Teaching Art 3 Credits
This course provides experience with various methods of teaching and learning Art K-12. Course work and fieldwork focus on inclusive teaching practices in art and explore implications for teaching, learning, and providing access to the general curriculum for all students across diverse settings. Candidates also design curriculum and assessments using NJ Student Learning Standards for Visual and Performing Arts.
Prerequisite(s): CURR 510, CURR 700, CURR 703.

CURR 714 Inclusive Methods for Teaching Health and Physical Education 3 Credits
This course provides experience with various methods of teaching and learning Health and Physical Education K-12. Course work and fieldwork focus on inclusive teaching practices in health and physical education and explore implications for teaching, learning, and providing access to the general curriculum for all students across diverse settings. Candidates also design curriculum and assessments using NJ Student Learning Standards for Comprehensive Health and Physical Education.
Prerequisite(s): CURR 510, CURR 700, CURR 703.

CURR 715 Inclusive Elementary Science, Arts, & Social Studies Teaching 3 Credits
This course provides aspiring elementary school teachers with a variety of developmentally appropriate options for designing, implementing, and evaluating curriculum and instruction in science, social studies, and the arts. Using NJ Student Learning Standards, emphasis is placed on inclusive practices and differentiation of instruction (e.g., modifying curriculum planning, learning environments, and instructional materials, content, processes, and products), curriculum integration, thematic unit and lesson planning, various teaching strategies, hands-on learning experiences, inquiry learning, career readiness skills, higher-order thinking, reflective practice, and various assessment strategies. Other facets of teaching also are addressed or reviewed in the course. These include the characteristics and needs of students with disabilities motivation, classroom management, and becoming a team member of a school faculty. Candidates also refine their pedagogical knowledge and skills by participating in the modification of instruction to meet the needs of diverse learners in nearby school settings.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 772 Clinical Experience in Teaching Seminar 3 Credits
The Clinical Experience in Teaching Seminar is available only to candidates completing teacher certification through the Alternate Route program and who currently work full-time teaching. Candidates may apply to the program for the Clinical Experience in Teaching Seminar by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and to attend and participate in an on-campus seminar.
Prerequisite(s): CURR 510, CURR 700, CURR 541 and Permission of Program Director.

ECED 550 Development Methods and Assessment in Early Childhood Education 3 Credits
The focus of this course is developmentally appropriate and culturally responsive curriculum and teaching P-3 settings as delineated in the guidelines of the National Association for the Education of Young Children. Students will learn how to make curriculum and teaching decisions based on knowledge of child development, content area, curriculum content standards, and home and community cultures. In order to meet the ever-changing needs, interests, and growing strengths of individual children, careful observation and assessment provides teachers with information on which to base adjustments of teaching plans. This course will provide opportunities to deepen understanding of child development; gain an appreciation for the professional responsibility of ongoing assessment of children; and, develop the necessary skills to gather, record, and interpret information in a deliberate and reflective manner. Required: 6 hours per week field placement in a Preschool classroom. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

EDUC 520 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester.

EDUC 521 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification.

EDUC 560 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

Organizational Leadership M.A.

Program Overview

The Master of Arts (M.A.) in Organizational Leadership program is an applied program that will enhance your leadership, supervisory and administrative skills. You will learn how to be more effective, strategic and creative in complex organizational settings — and graduate with a vision of leadership, values to guide your decisions, and the knowledge to transform vision into a reality. The program recognizes the value of people-oriented leaders who understand individual strengths and leadership styles, group behaviors and motivation. We offer a relevant, real-world education you can apply immediately to your life's work.

While cultivating the ability to ethically lead organizations is the focus of the program, students will also develop and refine their critical thinking and problem-solving skills, approaches to change management, ability to motivate and empower others, and aptitude to communicate effectively and persuasively. Through a concentration of courses, students will apply the concepts of leadership as they pertain to the advanced study of another academic discipline.

By successfully completing the program, students will develop a core set of leadership competencies that will enable them to:

- Develop a personal leadership philosophy and approach to ethical leadership practice
- Understand approaches to leadership practice
- Communicate, interact, and engage effectively with a diverse workforce
- Facilitate major leadership processes
- Lead organizations in a changing landscape
- Be proficient in enhancing human and organizational performance

In addition to developing a core set of leadership skills and knowledge, the program (depending on the selected area of concentration) will provide students with skills and knowledge requisite to:

- Higher Education Leadership
- Talent and Organizational Development
- Leadership in Counseling-Related Services
- Life and Career Coaching

Curriculum Overview

The 30-credit M.A. in Organizational Leadership can be earned in just two years of study, although students do have the flexibility to take longer to complete their degree if desired. Each student completes a capstone course (LEAD 598: Capstone in Organizational Leadership), featuring an action research experience in an organization or an independent research project. Students' broad understanding of leadership and organizations is accomplished through the program's core courses. Developing an effective leadership practice takes self-knowledge, knowledge of others, financial and strategic acumen, a grasp of contextual forces and organizational dynamics, and a rigorous approach to making decisions and solving problems creatively.

Students may pursue a concentration in the following areas:

- The **Higher Education Leadership** concentration prepares graduates for a variety of institutional roles in higher education, with an emphasis on developing leadership skills for organizational change. A unique graduate program for emerging higher education professionals, our program provides you with the leadership capacity to face organizational challenges in today's colleges and universities.
- The **Talent and Organizational Development** concentration prepares students to be successful, strategic and impactful professionals who are able to work effectively through others. This program concentration offers insight into human and organizational relationships, creates the capacity for sound analytical judgment, and the ability to see the "big picture" as it relates to an organization and its environment.
- The **Counseling-Related Services** concentration prepares graduates with knowledge of mental health and related issues in order to increase their effectiveness as leaders and change agents in organizations that serve individuals with mental health or wellness needs. Coursework studies include focuses on foundations of counseling, legal and ethical issues of concern to those in the counseling arena, and psychopathology. Students also learn from courses in vocational and career development, multicultural counseling, or substance abuse counseling.
- The **Life and Career Coaching** concentration prepares graduates to form mentoring and coaching relationships to aid others in achieving goals in areas such as life transitions, career choices, and work/life balance.

Forms of Study

The M. A. in Organizational Leadership is a program offered 100% online. All courses are 7-weeks in length with the exception of LEAD 550 (Organizational Research) and LEAD 598 (Capstone), both of which are 14-week courses. In addition, some electives for students who are in the Life and Career Coaching, Talent & Organizational Leadership, and Counseling concentrations are 14-weeks in length.

Degree Offered

- M.A. in Organizational Leadership

Contact

Kellie M. McKinney, Ed.D.
Program Director

Program Website: Organizational Leadership (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/leadership-programs/graduate-programs-organizational-leaders/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/)

Related Programs

- Talent and Organizational Development Certificate (http://catalog.rider.edu/graduate/colleges-schools/education/programs-certificates/talent-and-organizational-development/)
- Higher Education Leadership Certificate (p. 1406)

Organizational Leadership Program Requirements

(30 credits)

Group I - Core Courses (p.) (15-18 credits)

Group II - Concentration Courses (p. 1418) (12 credits)

Organizational Leadership (M.A.)

- Comply with the general requirements concerning graduate study at the master's degree level.
- Enroll in graduate study at Rider for no fewer than two academic semesters or the equivalent thereof.
- Complete at least 30 credits of graduate study.
- Successfully pass a culminating research experience and related written requirements.
- Maintain a GPA of "B" (3.0) or better for work submitted for the master's degree.
- Complete the program within six years of the date the student enrolled in his/her first course unless an extension is approved by the Department of Graduate Education, Leadership, and Counseling.

Group I - Core Courses - Required

Code	Title	Credits
LEAD 500	The Practice of Leadership	3
LEAD 510	Organizations: Design and Dynamics	3
LEAD 531	Developing The Human Side of Organizations	3
LEAD 540	Strategic and Financial Decision-Making in Organizations [1]	0-3
LEAD 550	Organizational Research	3
LEAD 598	Capstone in Organizational Leadership	3
Total Credits		**15-18**

1 LEAD 540 is not a requirement for the concentration in Higher Education Leadership.

Group II - Concentration Courses

Students will be expected to meet the requirements for any one of the four concentrations outlined below.

Talent and Organizational Development

Program Goal: Prepare graduates to be strategic professionals who work effectively through others, particularly in the area of organization and human development. This concentration helps students to understand broad organizational concepts that apply to private and non-profit sectors. Students build conceptual understanding and explore connections to applied settings.

Code	Title	Credits
Required courses:		
LEAD 511	Facilitating Culture and Process Change in Organizations	3
LEAD 512	Forms of Diversity in Organizations	3
LEAD 532	Program Design for Training and Development in Organizations	3
Select one of the following:		**3**
LEAD 533	Conflict and Crisis Resolution in Organizations	
LEAD 534	Facilitation and Team Leadership	
COUN 505	Vocational/Career Development	
Total Credits		**12**

Leadership in Higher Education

Program Goal: Prepare graduates for a variety of institutional roles in higher education, with emphasis on developing leadership skills for organizational change.

Code	Title	Credits
Required courses:		
EDUC 525	The Higher Education Organization	3
EDUC 535	Legal and Ethical Issues in Higher Education	3
EDUC 540	Leading Operations, Change and Assessment in Higher Education	3
Select two electives from the following:		**6**
EDUC 530	Student Affairs & Experiences in Higher Education	
EDUC 541	Assessing Organizational Performance in Higher Education	
EDUC 542	Assessment of Student Learning in Higher Education	
EDUC 543	Communicating Educational Data	
LEAD 512	Forms of Diversity in Organizations	
Total Credits		**15**

Leadership in Counseling-Related Services

Program Goal: Prepare graduates with knowledge of mental health issues in order to increase their effectiveness as leaders and change agents in the organizations that serve consumers with mental health needs.

Code	Title	Credits
Required courses:		
COUN 500	Introduction to Counseling and Helping Professions	3
COUN 530	Legal and Ethical Issues in Counseling and Psychotherapy	3
Select two electives from the following:		**6**
COUN 505	Vocational/Career Development	
COUN 515	Substance Abuse Counseling	
COUN 520	Multicultural Counseling and Relationship Development	
COUN 508	Foundations of Clinical Mental Health Counseling	
COUN 535	Holistic Wellness Counseling	
CNPY 514	Psychopathology	
CNPY 502	Theories of Counseling and Helping Professions	
Total Credits		**12**

Life and Career Coaching

Program Goal: Prepare graduates to form mentoring and coaching relationships in order to aid others in achieving goals in areas such as life transitions, career choices and work/life balance.

Code	Title	Credits
Required courses:		
COUN 500	Introduction to Counseling and Helping Professions	3
CNPY 502	Theories of Counseling and Helping Professions	3
COUN 505	Vocational/Career Development	3
LEAD 512	Forms of Diversity in Organizations	3
Total Credits		**12**

Courses and Descriptions

CNPY 502 Theories of Counseling and Helping Professions 3 Credits
Introduces the theoretical constructs of the primary contemporary counseling psychology theories being used in the counseling profession today. The theoretical constructs will be explored for use for self-reflection and self-development and to serve as the basis for development of psychological maps for understanding purposes of clients' behaviors.
Prerequisite(s): COUN 500 or as corequisite.

CNPY 514 Psychopathology 3 Credits
A survey of the study of abnormal psychology. Includes classification, assessment, and treatment and prevention of psychopathology. Characteristics of healthy psychological functioning are examined. Biological, psychological, and sociocultural bases of well-adjusted and maladjusted behavior patterns are considered. Stress, anxiety, and milder forms of psychopathology are considered, as are more severe psychopathological conditions.

COUN 500 Introduction to Counseling and Helping Professions 3 Credits
Educational, social, and psychological foundations of counseling services. Basic theories, principles, and techniques of counseling and related helping professions, such as coaching, and their applications to professional services. Emphasizes self-awareness as related to becoming a facilitator of helping skills. The team approach to counseling services and the contribution of the various specialties within the total counseling services program are stressed.

COUN 505 Vocational/Career Development 3 Credits
Includes organizational change and vocational development theories, research, and literature in the field to inform practice with clients with vocational/career concern. The problems and techniques of using occupational and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and group processes are stressed. Includes concepts of career/life planning and counseling and coaching techniques, lifespan transitions, and the interrelationships among work, family, and other life roles.

COUN 508 Foundations of Clinical Mental Health Counseling 3 Credits
This course will provide the foundation of community counseling including roles, policies, history, diversity, systems, programs, interventions, fiscal issues, community resources, consultation, advocacy, and assessment that are unique to community counselors. Projects include searching for government and foundation funding, writing a grant proposal, developing a resource directory, visiting and writing reports evaluating community agencies. This course also meets Council for Accreditation of Counseling and Related Educational Programs (CACREP) standards for Community Counseling Programs.

COUN 515 Substance Abuse Counseling 3 Credits
This course analyzes the development, intervention and treatment of substance abuse. Family dysfunction and its results will be examined with the various addictive behaviors. This course is designed to help students understand addictive behaviors and how they function. Specialized techniques for treatment will be examined along with related elements, i.e., family, parenting, the characteristics of dysfunction, developmental growth problems, physical problems, effects on school and job performance.

COUN 520 Multicultural Counseling and Relationship Development 3 Credits
Introduces, examines, and critically analyzes and reflects upon major origins and dimensions of human similarities and differences. Explores and personalizes the social-psychological and behavioral implications of these similarities and differences. Examines issues of racism, reverse racism, age and handicapped discrimination, sexism, sexual orientation, etc., in the light of theories of individual and group identity development and the impact of these on, between and within group relationships. Each student is expected to utilize this knowledge for the development of healthy multicultural skills. A semester-long engagement in a multicultural interaction and a presentation of a multicultural discovery project are required.

COUN 530 Legal and Ethical Issues in Counseling and Psychotherapy 3 Credits
Examines and analyzes the legal, ethical, and professional parameters of counseling and psychotherapy. Discusses legal liabilities and malpractice cases arising from constitutional, tort, contract, family, privacy, and criminal laws. Examines client rights and counselor duties and responsibilities. Explores legal, ethical, and professional implications of third party payment, informed consent, medication, case documentation, client termination and abandonment. Advertisement of counseling services, crisis and case management, consultation and supervision, "duty-to-warn" and court appearances of an expert witness will be explored. Special attention will be given to child abuse reporting issues, dual relationships and to regional legal and ethical developments.

EDUC 525 The Higher Education Organization 3 Credits
This course allows students to gain perspective on the historical and societal context of higher education in America and the organizational structures, functions, behaviors, and cultures that exist within institutions.

EDUC 530 Student Affairs & Experiences in Higher Education 3 Credits
This course will highlight how individuals access higher education and how that education affects students' development via programs, services and interventions designed to promote student growth. The course will explore multiple dimensions of the student experience and how student development theory is used to understand and enhance those experiences. Students will also explore student affairs organizational structures and functions common in colleges and universities.

EDUC 535 Legal and Ethical Issues in Higher Education 3 Credits
This course discusses the fundamentals of American law that directly and indirectly affect the environment of higher-education. Students will use diverse sources of law to understand the many different ways laws, code and common law affect the life of an higher education administrator. Ethical issues will be explored in relationship to critical issues in higher education such as admissions, affirmative action, dismissal procedures, academic honesty, and student loans.

EDUC 540 Leading Operations, Change and Assessment in Higher Education 3 Credits
In this course, students will gain an understanding of the daily and long-term operational challenges colleges and universities face. The course intends to cultivate a strategic mindset about higher education organizations and a recognition that institutions exist in a competitive environment that require them to change in order to survive.

EDUC 541 Assessing Organizational Performance in Higher Education 3 Credits
Through this course, students will be introduced to the concept of institutional effectiveness which focuses on an institution's ability to use planning strategies and evaluation information to assess current performance and plan for improvements. Students will understand the importance of a performance assessment culture including the presence of clear performance goals and measures, collaborative decision-making, and engaged leadership. A focus on determining what should be assessed in academic and administrative units and strategies for initiating performance assessment programs is reviewed.

EDUC 542 Assessment of Student Learning in Higher Education 3 Credits
This course examines institutional effectiveness matters focusing on assessment processes in higher education. It explores topics such as the evaluation of academic programs, assessment of student learning outcomes, and involvement in accreditation and accountability demands in higher education. Here, the focus is on how colleges and universities are doing assessment, at the classroom, program, and institutional levels. The course covers the pragmatic planning skills and decision-support tools relevant to assessing student learning. Just as businesses are expected to adhere to compliance and ethics standards, this course provides an in-depth look at how universities' adherence to standards pertaining to academic success can and will lead to an assurance that accredited universities are achieving their institutional goals, meeting the public's' expectations, and realizing their greater societal mission.

EDUC 543 Communicating Educational Data 3 Credits
Through this course, students will develop skills in statistical communication, incorporating data into delivery methods such as writing, public speaking, teaching, informal conversation and collaboration, programming, and graphic visualizations. Students will understand the importance of creating a data-informed culture and how it contributes to an organization's success. They will also learn methods and strategies of how to communicate to a non-technical audience.

LEAD 500 The Practice of Leadership 3 Credits
This course allows students to gain an understanding of the practice of leadership and how they can develop as leaders. Students will explore leadership models, creativity in organizations, and approaches to decision making as they begin to form their own leadership philosophy.

LEAD 510 Organizations: Design and Dynamics 3 Credits
This course will provide students with foundational knowledge in the area of organization studies. Students will gain insight into organizational structure and how it affects interdepartmental behaviors, communication and work flow. The course emphasizes how organizational environment and culture generate and reinforce the way organizational systems work and how leaders operate within these organizational contexts.

LEAD 511 Facilitating Culture and Process Change in Organizations 3 Credits
Organizational culture and existing processes can enable productive and effective environments, or they can be barriers to carrying out the central missions of corporations, not-for-profits, governmental or educational institutions. For organizations to thrive and survive in the future they must be able to change and develop rapidly. This course provides a working knowledge of the key theories and practices necessary to be an effective change agent. Students develop skills in diagnosis, design of interventions and strategies for communicating change.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 512 Forms of Diversity in Organizations 3 Credits
Increasingly, leaders and employees are part of a more diverse, multiethnic and globally influenced workforce. Students will become more conversant with forms of diversity, such as different cultural traditions, as well as differences in generational sensibilities, ableness, gender, and level of adult development. Students will learn about the different "worldviews" which organizational members bring into the organization, and how that affects their ability to work together. The course develops students' knowledge of and skills in practicing: principles for optimizing human performance in organizations, cultural intelligence, human diversity, and leading multicultural organizations.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 531 Developing The Human Side of Organizations 3 Credits
This course examines Strategic Human Resources Management (SHRM) within today's organizations, and is designed to provide students with a comprehensive understanding of SHRM practices from a systemic and strategic perspective. Students learn approaches leaders use to recruit, select, evaluate, and develop employees and strategies to create a positive work environment.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 532 Program Design for Training and Development in Organizations 3 Credits
This course provides a full circle approach to workforce training and development that is applicable to professionals in human resources, organizational development, or other leaders who see themselves as trainers, mentors and coaches. The course is designed for students to explore "real world" applications for programs, services and operations in a training environment, and covers key principles such as adult learning theory, facilitation skills, curriculum development, needs assessment, training methodology and techniques, resources and constraints, as well as learning how to evaluate and improve the efficacy of training programs.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 533 Conflict and Crisis Resolution in Organizations 3 Credits
Leaders face conflict and crisis in their organizations. Being effective in their resolution is an important leadership attribute. Skills that support positive and integrative outcomes include mediation, negotiation and crisis resolution skills. This course will use multiple case studies and role-playing assignments to engage students in understanding how individuals and teams handle mediation and negotiation scenarios. The course will also use multiple case studies to enhance students' understanding of the components of effective and ineffective leadership for crisis.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 534 Facilitation and Team Leadership 3 Credits
This course examines the characteristics and behaviors of teams that produce good results and/or generate new ideas. The focus of the course is on how to lead high functioning teams and the development of facilitation capabilities, so that students can effectively lead teams and organizations.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 540 Strategic and Financial Decision-Making in Organizations 3 Credits
This course explores the importance of information and financial resources within the culture of organizations, and the necessary relationship that exists between the two. The course draws on current literature and student experience to explore resource management and focuses on the effective use of information resources within the boundaries defined by financial realities. The relationship between data analyses and effective decision-making will be explored.
Prerequisite(s): LEAD 500 or concurrent with LEAD 500.

LEAD 550 Organizational Research 3 Credits
The purpose of this course is to prepare future organizational leaders to read professional journal articles, plan research, and critique research. The course covers basic research methods, such as experimental, ex post facto, correlational, case study, time series, interviews, surveys, and basic statistics in terms of understanding and selecting statistics. These concepts are taught within the framework of organizational leadership. This course should be taken at the end of your program.
Prerequisite(s): LEAD 500, LEAD 51. Permission of Program Director required.

LEAD 598 Capstone in Organizational Leadership 3 Credits
All MA candidates complete a capstone research project to demonstrate the application of core program competencies to a specific organizational or leadership problem. Reflecting upon their own leadership philosophy developed throughout the program, students will formulate, research, and write a leadership capstone paper that integrates the skills and concepts from the core courses as students use quantitative and qualitative methods to analyze a problem. Core and concentration courses should be completed before taking this course.
Prerequisite(s): Must be taken in last semester of study. Permission of Instructor required.

Post-Baccalaureate Teacher Certification

Program Overview

The Post-Baccalaureate Teacher Certification Program (PBTC) is designed for college graduates seeking initial teacher certification. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. The

clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

Depending on the initial certificate pursued, the program consists of 21 or 24 graduate credits and is designed as a part-time program that may be completed over three semesters. The program is also available in a full-time accelerated format that may be completed within nine months.

Graduate credits earned in the initial teacher certificate program may be combined with courses offered through the Master of Arts in Teaching (MAT) Program to earn a 30-credit MAT degree. In addition to earning the MAT degree, candidates may apply coursework and credits to other Master's programs, endorsements, and/or professional development certificates offered through the Department of Graduate Education, Leadership, and Counseling.

Program Information for Certificates Offered:
Comprehensive Business (K–12) (p. 1384)
Dance Certificate (K-12) (p. 1389)
Elementary Certificate (K–6) (p. 1401)
English as a Second Language/ESL Certificate (P-12) (p. 1405)
English Certificate (K–12) (p. 1402)
Mathematics Certificate (K–12) (p. 1409)
Music Certificate (K-12) (p. 1410)
Science Certificate in Biological Science, Chemistry, Earth Sciences, Physical Science, and/or Physics (K-12) (p. 1428)
Social Studies Certificate (K–12) (p. 1429)
Theater Certificate (K-12) (p. 1453)
World Languages Certificate in French or Spanish (K–12) (p. 1455)

Contact:

Kathleen M. Pierce, Ph.D.
Professor & Director of Post-Baccalaureate Teacher Certification and Master of Arts in Teaching (MAT) Programs
Bierenbaum Fisher Hall 202
609-895-5478
kpierce@rider.edu

Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Teaching (M.A.T.) (p. 1452)

Principal Certificate

Program Overview

The Principal certificate in Educational Leadership is a sequence option designed for candidates who aspire to obtain school leadership positions as a director, assistant principal or principal.

Curriculum Overview

Candidates have completed a master's degree and hold New Jersey certification as a supervisor. A second course in leadership (EDAD 592) is required of candidates who have previously taken only one course in a state-approved supervisory certification sequence. Candidates will complete a year-long (300 hours) internship EDAD 591 and EDAD 592 along with a "Capstone School Improvement/Change Project."

The frameworks for the program have been established to meet preparatory requirements as established in the New Jersey Administrative Code (6A:9-12.5) as well as the challenges, responsibilities, and opportunities inherent in educational leadership.

Certificate Offered

- Principal Certificate

Contact

Bonnie Lehet, Ed.D
Program Director
Bierenbaum Fisher Hall 202 I
609-896-7750
blehet@rider.edu

Program Website: Principal Certificate (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/leadership-programs/graduate-programs-school-leaders/principal-certificate/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://catalog.rider.edu/graduate/colleges-schools/education/education-leadership-counseling/)

Related Programs

- M.A. in Education Leadership (p. 1397)
- M.A. Teacher Leadership (p. 1440)
- Supervisor of Instruction Certificate (p. 1437)

Principal Certificate Requirements

(21 Credits)

Code	Title	Credits
EDAD 501	Educational Leadership and Organizational Theory	3
EDAD 507	Education and the Law	3
EDAD 511	Group Process in Supervision for Creative Change and Collaboration in Schools	3
EDAD 514	School Finance and Fiscal Management	3
EDAD 521	Using Research Strategies and Analysis of Data to Make Decisions in Schools	3
EDAD 591	Seminar/Practicum in Educational Leadership/ Supervision	3
EDAD 592	Seminar/Practicum in Educational Leadership/ Supervision	3
Total Credits		**21**

Courses and Descriptions

EDAD 501 Educational Leadership and Organizational Theory 3 Credits
This introductory course will provide leadership candidates with a framework for understanding the complexity of organizational behavior in an educational setting. Theories and issues in the technical core of teaching and learning, educational governance, leadership, communication patterns, decision-making, school culture, organizational problem solving and school change will be presented, examined and applied through a series of case studies and student initiated inquiry/research projects and presentations. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.

EDAD 507 Education and the Law 3 Credits
This course will address legal issues and requirements confronting educational leaders in school settings. Students will be introduced to varied legal requirements that pertain to educational settings. Legal concepts and issues, and policies and procedures relating to students, parents, teachers and administrators, the board of education, and the community will be introduced and examined. Some of the topics referenced will include: regulations and the key concepts in the Individuals with Disabilities Education Act and the Americans with Disabilities Act; No Child Left Behind legislation; church-state issues; free-speech rights of students, teachers and extracurricular groups; curriculum development and implementation; rules governing student and staff conduct; creating and maintaining a safe school environment; child abuse; search and seizure procedures; affirmative action requirements; and, due process procedures. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.

EDAD 511 Group Process in Supervision for Creative Change and Collaboration in Schools 3 Credits
This course will apply theory and research to the supervisory function of developing group capacity in educational settings. Students will identify group process "best practices" to be modeled by educational leaders. Candidates will develop and refine techniques, strategies, and personal skills facilitating the development of helping and caring relationships with faculty and staff, while promoting interactive communication with stakeholders concerned with improving teaching and learning. Students will demonstrate effective supervisory behaviors in class sessions and simulations that represent daily challenges and opportunities present in school settings. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 505.

EDAD 514 School Finance and Fiscal Management 3 Credits
This course will examine the principles and court decisions involved in shaping the legal framework of school finance. Students will examine the historical spending patterns of a school district budget and develop new budget proposals using "generally accepted accounting procedures" and the appropriate state budgeting codes. Students will study school budgeting procedures as a tool for program and school improvement. The class will examine the financial implications associated with site-based management models and whole school reform. Legislation pertaining to the financing of short and long term debt will be examined. Students will use technology to gather data; identify non-tax based resources; create presentations for specific audiences; and, work with models of data driven indicators to examine issues of equity, efficiencies and resource deployment. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501.

EDAD 521 Using Research Strategies and Analysis of Data to Make Decisions in Schools 3 Credits
This course will develop the skills needed by educational leaders at all levels to interpret, use, and apply statistical concepts and research methodologies in critical administrative and supervisory functions. Statistical methodology will be used to further understanding of different research strategies. Students will interpret data and make informed decisions regarding the frameworks, implementation, and evaluation of instructional programs and practices designed to improve teaching and learning in school, district, and national settings. Course activities and field work will include: scenario and case study analyses; the use of critical friends' discussion groups; the application and use of different technologies and software programs; and, the identification of appropriate problem solving and resolution strategies. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501 and EDAD 514.

EDAD 591 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the first of two "capstone" internship courses for candidates in the leadership program in educational administration. The course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. This course is taken in the fall semester and is followed in the spring semester with EDAD 592. After analysis of leadership strengths, based on a self-assessment completed by the candidate, specific internship experiences will be cooperatively planned by the candidate, site-based mentor, and instructor. The capstone internship will build on strengths, develop growth experiences, be substantial and sustained, and be ethically informed. Students will cooperatively evaluate and problem-solve internship experiences, assess leadership performance from best-practice perspectives, finalize the development of a leadership platform statement, review and discuss topics and scenarios derived from readings and other resources, engage in simulations and case analyses, and interact with students in other graduate programs. Presentations by practicing administrators and other school personnel will provide understanding of the patterns of interaction that occur among different leadership positions in educational institutions. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of Instructor.

EDAD 592 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the second of the "capstone" internship course sequence that coincides with the school-year calendar and is taken during the spring semester. In combination with EDAD 591, the course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. Students will continue pursuing field-based internship projects initiated in EDAD 591 in collaboration with a site mentor and the course instructor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of instructor.
Prerequisite(s): EDAD 591.

Reading Specialist Endorsement

Program Overview

The New Jersey Reading Specialist endorsement is designed for educators who have an earned master's degree in education or a related field and are interested in becoming a reading or literacy specialist in a pre-K-12 school.

Curriculum Overview

In order for candidates to be eligible for the New Jersey Reading Specialist endorsement they must complete four graduate level literacy courses at Rider University. These include:

LITR 501 Psychology and Pedagogy of Literacy Processes

LITR 502 Curriculum, Instruction and Supervision in Literacy

LITR 504 Diagnosis and Correction of Literacy Abilities and Challenges: Seminar and Practicum

One Graduate Level Literacy Elective

Candidates must also show evidence of at least 18 credits of graduate study across three areas selected from the list below. These areas of study will come from the state approved graduate courses offered in the College of Education and Human Services at Rider University or a candidate's master's degree program at other institutions. These include:

- Children's or Adolescent Literature
- Measurement
- Organization of Reading Programs
- Psychology
- Staff Supervision
- Linguistics
- Special Education
- Research
- Foundations of Education

Certificate Offered

- Reading Specialist

Contact

Heather Casey, Ph.D.
Program Coordinator
Bierenbaum Fisher Room 102H
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Program Website: Graduate Level Literacy Concentration (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/leadership-programs/graduate-programs-school-leaders/teacher-leaders/literacy-concentration/)

Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Educational Leadership (p. 1397)
- Teacher Leadership (p. 1440)
- Supervisor of Instruction (p. 1437)
- Special Education (p. 1431)

Reading Specialist Endorsement Program Requirements

(12 credits)

Code	Title	Credits
Required Courses		
LITR 501	Psychology and Pedagogy of Literacy Processes	3
LITR 502	Curriculum, Instruction and Supervision in Literacy	3
LITR 504	Diagnosis and Correction of Literacy Abilities and Challenges: Seminar and Practicum	3
Electives (select at least one course) [1]		**3**
LITR 500	New Literacies for New Learning	
LITR 508	Literacy and the Bilingual/Bicultural Child	
LITR 510	Research and Survey of Texts for Children and Adolescents	
LITR 560	Writing Project at Rider	
LITR 600	Independent Research and Study in Literacy Education	
Total Credits		**12**

Note:

- Candidates must have completed at least two years of teaching by program completion.

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Additional graduate courses with a literacy focus may be counted towards the elective requirement for the endorsement with prior approval from the coordinator.

Courses and Descriptions

Note: Additional graduate courses with a literacy focus may be counted towards the elective requirement for the endorsement with prior approval from the coordinator.

LITR 500 New Literacies for New Learning 3 Credits
As we consider the rapid expansion of information and text it is timely to take a critical view of what literacy means and how it is influencing children's literacy development and the work of educators. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid/online course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for children's literacy development as well our own work as educators.

LITR 501 Psychology and Pedagogy of Literacy Processes 3 Credits
Studies the communication process from a componential point of view, including language acquisition and development, perception, comprehension and cognition, composition, and language systems. A review of the literature in each area as well as a survey of models of reading and language is included.

LITR 502 Curriculum, Instruction and Supervision in Literacy 3 Credits
Reading and literacy pedagogy for ALL learners, gifted, average, and diverse learners is the course content. Current strategies for teaching comprehension, composition, vocabulary, language study, and independence skills are learned in a workshop setting. How to manage literacy instruction through content areas for all aged children in mainstream classrooms is studied. Parent education and inservice training are also included in course content.

LITR 504 Diagnosis and Correction of Literacy Abilities and Challenges: Seminar and Practicum 3 Credits
Studies reading/language arts abilities and challenges and assessment measures. Observational techniques and diagnostic teaching for assessment are stressed. Students will apply concepts learned in seminar to their associated practicum/field experience.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

LITR 510 Research and Survey of Texts for Children and Adolescents 3 Credits
This course surveys developmental trends in texts for children and adolescents. Students will become knowledgeable about the theoretical and practical aspects of the study of the texts (both digital and print) available for youth and adolescents. Candidates will explore their own assumptions about text and the relationship to literacy development. Course participants will explore strategies for integrating print and non-print texts into the school curricula in ways that support youth and adolescent literacy development.

LITR 560 Writing Project at Rider 3 Credits
Examines theory, research, and practices in the teaching of writing K-12, with emphasis on improved practices in teaching writing as well as the personal writing of participants. Students investigate relevant local and national standards and curriculum, design, present, and respond to peer demonstration lessons in writing, and publish to the National Writing Project e-anthology. Further participation in NWP activities is encouraged and supported. This Invitational Summer Institute is part of the National Writing Project network. Project participants, called Summer Fellows, become Teacher Consultants upon completion of the Institute and are expected to maintain affiliation with the Project and to participate in the dissemination of professional development in writing instruction K-12 for all subject areas.

LITR 600 Independent Research and Study in Literacy Education 1-3 Credits
Course content is designed specifically to meet specific academic needs or interests of students who wish to engage in independent study related to literacy education.

School Psychology (Ed.S.)

Program Overview

Rider University offers one of the finest school psychology programs in the country. It is one of only seven specialist-level programs in New Jersey to hold full accreditation from the National Association of School Psychologists (NASP) (http://www.nasponline.org/). This program is designed for students seeking national certification as a school psychologist.

Making a Difference in the Lives of Children
Across the country, there is a growing need for specially trained school psychologists who can work with students, teachers, families and other professionals to promote safe and supportive learning environments. They play an increasingly important role in helping children succeed — and thrive — academically, socially and behaviorally.

Highlights

- Rider's 64-credit Educational Specialist degree is a graduate-level program that typically takes three years of full-time study to complete.
- This program follows a cohort model in which students take classes together in a group, or team. Each cohort begins in the fall.
- Students develop and apply skills through fieldwork that complements coursework, starting with their first semester. Each student is expected to complete a 100-hour practicum each semester during the first two years.
- During the third year, students complete a one-year professional internship (1,200 hours) in a school setting where they perform the role and function of a professional school psychologist. Students have the option of completing this internship at an approved site setting anywhere in the country.
- In addition to New Jersey, the program meets requirements for certification in most U.S. states, including Pennsylvania.
- Graduates of the program are eligible for national certification as a school psychologist after earning a passing score on the School Psychology Praxis.

Curriculum Overview

Rider University's School Psychology program will prepare students to become a productive and vital member of the school team through a highly-structured, developmental curriculum that builds on coursework and hands-on experience.

Students will learn to:

- effectively assess children's skills and abilities, including diverse learning needs;
- assess emotional and behavioral needs;
- apply effective social-emotional and academic interventions;
- plan appropriate Individualized Education Programs for students with disabilities;
- evaluate the effectiveness of prevention and intervention programs;
- consult with parents, administrators and teachers.

The program emphasizes problem solving and data-based decision making aimed at improving the educational and mental health of children and adolescents. Rider's innovative program provides a blend of traditional and contemporary school psychology training, including psychological assessment, cognitive assessment, multi tiered system of support/response to intervention, consultation, positive behavior support, counseling and curriculum-based measurement. And, students learn to work sensitively with people from diverse cultural and individual backgrounds.

Degree Offered

- Ed.S. in School Psychology

Contact

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Program Website: S (http://www.rider.edu/schoolpsych/)chool Psychology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/school-psychology-program/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/)

Related Programs

- Counseling Services (M.A.) (School Counseling Concentration) (http://catalog.rider.edu/graduate/colleges-schools/education/programs-certificates/counseling-services-ma/#requirementstext)
- Clinical Mental Health Counseling (M.A.) (http://catalog.rider.edu/graduate/colleges-schools/education/programs-certificates/clinical-mental-health-counseling/)
- Life and Career Coaching Certificate (http://catalog.rider.edu/graduate/colleges-schools/education/programs-certificates/life-career-coaching/)

School Psychology Educational Specialist Program Requirements

- Satisfactory annual ratings for retention and progression in the School Psychology program. Program faculty will evaluate the academic, professional competencies, and professional work characteristics of each student based upon their portfolio and personal statement. A recommendation for continuation, continuation with remediation, or dismissal will be made by August 31st of each year.
- Based upon the National Association of School Psychologists (https://www.nasponline.org/) (NASP) standards, all students must fulfill a residency requirement by enrolling as a full-time student (minimum of nine graduate credits for one semester) so as to develop an affiliation with colleagues, faculty, and the profession.
- Completion of 64 graduate credits with a minimum GPA of 3.3.
- Take and attain a passing score established by NASP on the Praxis Submitted Assessment test in school psychology during the first semester of internship, EDPS 590. Furnish a copy of the score to the Director of the School Psychology program.

Course Requirements for an Ed.S. in School Psychology

(64 total credits)

Foundations of Education and Human Behavior

(21 credits)

Code	Title	Credits
Educational Foundations		
EDSO 510	Sociological and Cultural Foundations of Education	3
EDAD 501	Educational Leadership and Organizational Theory	3
EDPS 508	Cognitive Processes and Learning	3
Human Behavior and Development		
EDPS 502	Psychological Development of the Child and Adolescent	3
or EDPS 503	Human Growth and Development	
EDPS 535	Biological Basis of Behavior	3
EDPS 538	Developmental Child Psychopathology	3
SPED 514	Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs	3
Total Credits		**21**

Professional Core: School Psychology Practice

(43 credits)

Code	Title	Credits
Assessment and Intervention		
EDPS 500	Cognitive Assessment	3
EDPS 514	Standardized Measures of Academics and Behavior	3
EDPS 515	Curriculum-Based Assessment and Measurement	3
EDPS 509	Psychoeducational Assessment and Report Writing	3
EDPS 510	Assessment of Behavioral and Social-Emotional Functioning	3
EDPS 570	Advanced Interventions for Children, Adolescents and Families	3
EDPS 581	Practicum in Psychoeducational Assessment and Report Writing	1
EDPS 582	Practicum in the Assessment of Behaviorial and Social-Emotional Needs	1
EDPS 584	Practicum in Curriculum-Based Measures	1
Consultation		
CNPY 515	Consultation in School and Agency Settings	3
EDPS 583	Practicum in Consultation in School and Agency Settings	1
Research		
EDUC 500	Introduction To Research	3
EDPS 521	Statistics and Quantitative Analysis	3
Professional Practice		
EDPS 513	Professional Practice of School Psychology: Issues and Historical, Ethical, and Legal Considerations	3
EDPS 590	Internship in School Psychology I	3
EDPS 591	Internship in School Psych II	3
Counseling Psychology		
COUN 550	Counseling and Helping Techniques Laboratory	3
Students are expected to complete 400 practicum hours prior to their internship. During each practicum, students will develop specific skills in the field relative to associated coursework and under program faculty's supervision.		
Total Credits		**43**

Internship serves as the culminating experience consisting of 1,200 hours. The internship occurs on a full-time basis over the period of one year OR on a part-time basis over two consecutive years.

Courses and Descriptions

COUN 550 Counseling and Helping Techniques Laboratory 3 Credits
This a laboratory course, which provides opportunities for both the observation and practice of counseling and professional helping skills. The purpose of this course is to provide students with their initial training in counseling and helping skills under closely supervised conditions. The focus of this course is the development of initial client interviewing and basic counseling and helping skills through an emphasis on techniques (basic and advanced listening and helping skills), strategy (the counseling and helping process), and self-development (the student as counselor and helper) grounded in theories of counseling and related helping professions.

EDAD 501 Educational Leadership and Organizational Theory 3 Credits
This introductory course will provide leadership candidates with a framework for understanding the complexity of organizational behavior in an educational setting. Theories and issues in the technical core of teaching and learning, educational governance, leadership, communication patterns, decision-making, school culture, organizational problem solving and school change will be presented, examined and applied through a series of case studies and student initiated inquiry/research projects and presentations. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.

EDPS 500 Cognitive Assessment 3 Credits
This course addresses contemporary intellectual theories and the process and procedure of cognitive assessment. It presents the relevant issues related to intelligence testing and interpretation. Through a variety of pedagogical approaches, students acquire needed skills in administering, scoring, and interpreting results from contemporary tests of cognitive ability.
Prerequisite(s): EDPS 513.

EDPS 502 Psychological Development of the Child and Adolescent 3 Credits
Discusses principles and theories of lifespan development from conception through adolescence. The analysis, interpretation, and practical implications of significant research that has contributed most to the knowledge of human development of the child and adolescent will be presented. Developmental principles/processes in relation to counseling and evaluating children and adolescents as well as an understanding of individual differences and mental health will also be discussed.

EDPS 503 Human Growth and Development 3 Credits
Provides an overview and broad understanding of life span developmental theories and research applied to counseling services with special emphasis on developmental processes, individual differences and mental health. Includes strategies for working with developmental issues across the life span.

EDPS 508 Cognitive Processes and Learning 3 Credits
This course deals with what is known relative to the principles of cognitive psychology and their application to learning. The flow of information is followed from where it begins through the processes of integration and storage. Cognitive principles will be studied relative to concept formation, reasoning, and problem solving. Their relationship to specific educational tasks such as the teaching of reading, writing, mathematics, and other content will be explored and confirmed through empirical evidence.

EDPS 509 Psychoeducational Assessment and Report Writing 3 Credits
This course furnishes students with the clinical, practical, and theoretical sophistication to understand the assessment and report writing process for academic, behavioral, adaptive, and social-emotional concerns. Students are expected to master a wide range of concepts and skills to successfully complete this course including integrating multiple pieces of assessment data for case conceptualization, classification, and treatment recommendation. Students are required to synthesize data from multiple methods of assessment and sources to produce written psychoeducational reports that inform intervention practice.
Prerequisite(s): EDPS 513.

EDPS 510 Assessment of Behavioral and Social-Emotional Functioning 3 Credits
The assessment of behavioral and social-emotional functioning is studied from an empirically based, problem-solving model that links directly to intervention. Students learn to select appropriate assessment tools to match individual referral questions so as to evaluate the behavioral and social/emotional problems of children and adolescents.
Prerequisite(s): EDPS 513.

EDPS 513 Professional Practice of School Psychology: Issues and Historical, Ethical, and Legal Considerations 3 Credits
This course is designed to provide an introduction to school psychology through an analysis of the contemporary roles and functions of school psychologists. Professional issues are explored in the context of the history and evolution of school psychology as a specialty area of professional psychology. In addition, the study of professional ethics, best practices, and standards for delivery of school psychological services that have been adopted by national organizations representing the profession of school psychology will be reviewed.

EDPS 514 Standardized Measures of Academics and Behavior 3 Credits
This course will increase students' understanding of the standardized assessment process, measurement issues, psychometric properties of assessment instruments, and the role of these instruments in informing academic, behavioral, and social-emotional interventions.

EDPS 515 Curriculum-Based Assessment and Measurement 3 Credits
This course will build upon students' knowledge and skills in individual-referenced assessment based upon the standards and general curriculum. Students will be able to design, administer, score, and interpret curriculum-based assessment and link these data to intervention.

EDPS 520 Measurement,Tests and Assessments in Counseling 3 Credits
This course covers the use of assessment instruments in counseling practice. Topics include descriptive statistics, reliability and validity, social and ethical considerations in testing, the appropriate selection and usage of standardized tests, and the communication of their results. At the conclusion of the course, students will be able to administer, evaluate and interpret assessment instruments commonly used in the counseling profession.

EDPS 521 Statistics and Quantitative Analysis 3 Credits
This introductory statistics course will cover basic descriptive and inferential statistics for use in counseling, school psychology, and education. Students will learn how to interpret and evaluate statistics in empirical articles and to understand some of the considerations in selecting and using different statistical techniques. In addition, they will learn to analyze data and interpret output using statistical software.
Prerequisite(s): EDPS 520, EDUC 500.

EDPS 535 Biological Basis of Behavior 3 Credits
This course will emphasize a biological approach to the study of psychology and behavior. Topics studied will include the following: 1) the genetics of human psychological differences; 2) the anatomy of the nervous system; 3) psychopharmacology; 4) neuropsychological diseases (e.g., epilepsy, autism, multiple sclerosis); 5) memory and amnesia; 6) sleeping, dreaming, and circadian rhythms; and 7) the biopsychology of mental health difficulties.

EDPS 538 Developmental Child Psychopathology 3 Credits
The course will furnish students with a comprehensive account of the characteristics, correlates, causes, contexts, and outcomes of psychopathology in children. It serves to augment students' understanding of specific conditions in childhood and adolescence including autism spectrum disorders, attention-deficit/hyperactivity disorder, mental retardation, childhood anxiety/depression, enuresis/encopresis, learning disabilities, communication disorders including selective mutism, and emotional/behavioral disorders. The diagnostic nosologies of the DSM and IDEA will be referenced and thoroughly discussed. A special emphasis upon a developmental-systems framework for understanding child psychopathology will be presented wherein the importance of context and the influence of multiple, interacting events and processes in shaping adaptive and maladaptive development will be investigated.

EDPS 570 Advanced Interventions for Children, Adolescents and Families 3 Credits
This course provides opportunity to expand each student's knowledge and skills in the development of effective interventions to meet academic, behavioral, and social-emotional needs. Currently accepted practices based upon the individual's referral problem will be explored. Intervention will be approached from a problem-solving model and based on current assessment data. Case studies will be used to link theory and application.
Prerequisite(s): EDPS 513.

EDPS 581 Practicum in Psychoeducational Assessment and Report Writing 1 Credits
This practicum experience provides supervised practice in administering, scoring, and interpreting an array of individually administered assessment instruments for the purpose of producing a written psychological report that is linked to intervention.
Prerequisite(s): EDPS 513.

EDPS 582 Practicum in the Assessment of Behaviorial and Social-Emotional Needs 1 Credits
This practicum experience provides supervised practice using the techniques and methods taught in EDPS 510 Assessment of Behavioral and Social-Emotional Needs. Students will be expected to complete a Functional Behavioral Assessment including recommendations for a behavior intervention plan and a means to monitor and evaluate the target student's progress.
Prerequisite(s): EDPS 513.

EDPS 583 Practicum in Consultation in School and Agency Settings 1 Credits
This practicum experience provides supervised practice in the study, implementation, and evaluation of a problem-solving model to provide consultation across school and agency settings. Students will be expected to successfully initiate and lead the 4-step consultation process resulting in a databased intervention. The consultation will be documented in a formal report.
Prerequisite(s): EDPS 513.

EDPS 584 Practicum in Curriculum-Based Measures 1 Credits
This practicum provides supervised experience in identifying academic needs of students utilizing curriculum-based assessment (CBA) methods within a problem-solving framework. Students will practice the selection and administration of appropriate CBA tools to match referral question(s) at the individual, class-wide and school-wide levels. Students will also practice assessment of the academic environment by conducting structured direct observation of the classroom. Students will summarize and analyze assessment data, develop goals and objectives and make recommendations for intervention.
Prerequisite(s): EDPS 513.

EDPS 590 Internship in School Psychology I 3 Credits
The student functions as a school psychologist in a 600-hour approved field placement under the supervision of a certified school psychologist. At least 50 percent of the internship must occur in a school setting. Additionally, students attend weekly seminars that deal with issues related to professional ethics, problem-solving and intervention design, and group supervision. The internship occurs at the end of the student's program.
Prerequisite(s): EDPS 581, EDPS 582, and EDPS 583.

EDPS 591 Internship in School Psych II 3 Credits
The student functions as a school psychologist in a 600-hour approved field placement under the supervision of a certified school psychologist. At least 50 percent of the internship must occur in a school setting. Additionally, students attend weekly seminars that deal with issues related to professional ethics, problem-solving and intervention design, and group supervision. The internship occurs at the end of the student's program.
Prerequisite(s): EDPS 590.

EDPS 600 Independent Research and Study in School Psychology 1-3 Credits
Course content varies with the academic research interests of students who wish to engage in independent study related to the overall content of school psychology.

EDSO 510 Sociological and Cultural Foundations of Education 3 Credits
The American public school as a social organization which influences and is influenced by local, national and international cultural evolution. An exposition and analysis of the vibrant multicultural issues that sometimes determine the outcome of public education. An exploration of contemporary educational problems and challenges resulting from changing social and cultural conditions. A perceptive and reflective placement of these changes in a historical context to enable students put the future in perspective.

EDUC 500 Introduction To Research 3 Credits
This course will provide students with the tools to evaluate the claims and uses of research related to teaching, counseling, and psychology. Students will learn how to find and critique the literature, and will be able to conduct some of their own basic evaluative research to assess the efficacy of their practice and programs. At the conclusion of the course, students will have developed an understanding of rigorous research and evaluation design, and will have skills in data analysis and interpretation.

SPED 514 Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs 3 Credits
This course is designed to provide extensive knowledge and practice in meeting the behavioral challenges of individuals through Applied Behavior Analysis for students with Autism Spectrum Disorder and other behavioral issues. Candidates will receive instruction in a problem-solving approach to identify the possible function(s) of problem behavior and the design of proactive, positive behavior intervention plans that emphasize the teaching of appropriate alternative skills. An emphasis is placed upon behavior change strategies, which intervene on antecedent events, teach appropriate alternative skills, and provide supports in the natural environment. Multi-component interventions also are designed to include the interest and preferences of the target student. Legal and ethical considerations are considered. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

Science Certificate in Biological Science, Chemistry, Earth Science, Physical Science, &/or Physics

Program Overview

This Post-Baccalaureate Teacher Certification Program in Science (K-12) is designed for college graduates seeking initial teacher certification in the subject areas of one or more of the scientific disciplines (Biological Science, Chemistry, Earth Science, Physical Science, and/or Physics). The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in Science is a 21-credit graduate program requiring four teacher preparation courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- Science Certificate in Biological Sciences, Chemistry, Earth Science, Physical Science, and/or Physics (K-12)

Contact

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Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Teaching (M.A.T.) (p. 1452)

Science Certificate in Biological Science, Chemistry, Earth Science, Physical Science, and/or Physics (K-12) Requirements

(21 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 706	Inclusive Methods for Teaching Science	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional requirements for completion

- Completion of all courses before the clinical experience (student teaching) with a "C+" or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 with a "C+" grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 706 Inclusive Methods for Teaching Science 3 Credits
Classroom interaction analysis systems are used in the study of the instructional processes that support inquiry-based science learning. Candidates develop their own repertoires of teaching strategies, classroom management strategies, and awareness of career requirements in STEM fields. Emphases are on the investigation and interpretation of recent curriculum developments in NGSS and NJ Student Learning Standards in Science as well as the use of lab-based processes in science learning. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying science curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

Social Studies (K-12)

Program Overview

This Post-Baccalaureate Teacher Certification Program in Social Studies (K-12) is designed for college graduates seeking initial teacher certification in the subject area of Social Studies. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in Social Studies is a 21-credit graduate program requiring four courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- Social Studies (K-12)

Contact

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Associated Department: Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate-programs/)

Related Programs

- Teaching (M.A.T.) (p. 1452)

Social Studies Certificate (P-12) Requirements

(21 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 705	Inclusive Methods for Teaching Social Studies	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional requirements:

- Completion of all courses before the clinical experience (student teaching) with a "C+" or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a "C+" grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 705 Inclusive Methods for Teaching Social Studies 3 Credits
This course addresses the practical and theoretical aspects of teaching social studies to diverse adolescents in secondary schools. Using the NJ Student Learning Standards in Social Studies, candidates will prepare and design curriculum and assessment for students in various learning environments and with diverse learning needs. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying social studies curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

Special Education (M.A.) Online

Program Overview

The Master of Arts in Special Education, a ***30 credit online program,*** is designed to prepare certified teachers to teach students with special needs in a variety of settings.

The program provides opportunities for students to understand the nature and causes of disabilities, become familiar with agencies and resources for persons with disabilities, and learn the best practices and materials for teaching students with disabilities. This knowledge base, combined with a variety of shared and individual field-based experiences, provides opportunities for teachers to develop their expertise and become confident in their ability to work with students with special needs and become leaders in meeting the challenges of diverse classrooms. This program is offered completely online. Some courses may have remote asynchronous meeting schedules. Students are reminded to check specific course schedules during registration.

Curriculum Overview

The M.A. in Special Education program comprises a sequence of coursework that includes courses required for a New Jersey Teacher of Students with Disabilities Endorsement. Candidates who are successful in the Teacher of Students with Disabilities Certification Program may apply their credits toward the M.A. in Special Education.

For individuals who are currently prepared to teach in general education settings, a 30-credit course sequence is designed to strengthen their preparation to meet the needs of all children, particularly those with disabilities. Students who currently hold a regular New Jersey instructional certificate in another field and successfully complete the program will be eligible for the New Jersey Teacher of Students with Disabilities Endorsement.

Those who already hold New Jersey Teacher of the Handicapped or Teacher of Students with Disabilities (TOSD) certification, may be eligible for up to nine credits waived depending on prior course work and transcript review. A total of 30 credits in graduate work is still required to receive the M.A. degree.

Degree Offered

- M.A. in Special Education

Contact

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Program Website: Special Education (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/teacher-education-programs/special-education-programs/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Teacher of Students with Disabilities Certification (p. 1433)

The **Special Education Master of Arts** is a complete on-line remote course of study.

(30 total credits)

Teacher of Students with Disabilities Coursework

(21 credits)

Candidates entering with an undergraduate degree in education and teacher certification will be required to take the following courses. SPED 512 is the prerequisite for all other courses.

Code	Title	Credits
SPED 504	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
SPED 512	Psychology of Exceptionality	3
SPED 514	Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs	3
SPED 524	Collaboration and Inclusive Practice for Students with Mild and Severe Disabilities	3
SPED 531	Assessment for Instruction in Special Education	3
SPED 536	Instruction and Transition for Autism and Severe Disabilities	3
SPED 539	Instructional Practices for Students with Disabilities	3
Total Credits		**21**

Additional Courses for Special Education (M.A.)

(9 credits)

Code	Title	Credits
EDUC 500	Introduction To Research	3
SPED 542	Literacy and Students With Special Needs	3
SPED 590	Professional Seminar in Special Education	3
Total Credits		**9**

Additional Courses for Special Education M.A. with Reading Specialist Certification

(9 credits)

All additional courses for this certification can be completed online.

Code	Title	Credits
LITR 501	Psychology and Pedagogy of Literacy Processes	3
LITR 502	Curriculum, Instruction and Supervision in Literacy	3
LITR 504	Diagnosis and Correction of Literacy Abilities and Challenges: Seminar and Practicum	3
Total Credits		**9**

Graduation Requirements

- Meet the general master's degree requirements.
- Successful completion of all academic and field requirements.
- Completion of 30 graduate credits with a minimum GPA of 3.00 on a 4.00 scale.
- Successful completion of a required sequence of field experiences.
- Candidates must successfully pass a comprehensive examination covering knowledge and skills related to the field of special education.
- Successful demonstration of professional dispositions and behavior.

EDUC 500 Introduction To Research 3 Credits
This course will provide students with the tools to evaluate the claims and uses of research related to teaching, counseling, and psychology. Students will learn how to find and critique the literature, and will be able to conduct some of their own basic evaluative research to assess the efficacy of their practice and programs. At the conclusion of the course, students will have developed an understanding of rigorous research and evaluation design, and will have skills in data analysis and interpretation.

LITR 501 Psychology and Pedagogy of Literacy Processes 3 Credits
Studies the communication process from a componential point of view, including language acquisition and development, perception, comprehension and cognition, composition, and language systems. A review of the literature in each area as well as a survey of models of reading and language is included.

LITR 502 Curriculum, Instruction and Supervision in Literacy 3 Credits
Reading and literacy pedagogy for ALL learners, gifted, average, and diverse learners is the course content. Current strategies for teaching comprehension, composition, vocabulary, language study, and independence skills are learned in a workshop setting. How to manage literacy instruction through content areas for all aged children in mainstream classrooms is studied. Parent education and inservice training are also included in course content.

LITR 504 Diagnosis and Correction of Literacy Abilities and Challenges: Seminar and Practicum 3 Credits
Studies reading/language arts abilities and challenges and assessment measures. Observational techniques and diagnostic teaching for assessment are stressed. Students will apply concepts learned in seminar to their associated practicum/field experience.

SPED 504 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 512 Psychology of Exceptionality 3 Credits
This course provides opportunities for the study of school psychological issues associated with supporting students with exceptionalities. Philosophical, historical, and legal foundations of special education, and the characteristics of students with disabilities will be examined. Special education policy, legal foundations, and evaluation procedures are discussed. Current issues related to inclusive practice and intervention strategies are examined from a psychological and sociocultural perspective. An experience in the field will enable students to apply knowledge in a realistic classroom setting. This course, or its equivalent, will be the prerequisite for all other SPED courses.

SPED 514 Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs 3 Credits
This course is designed to provide extensive knowledge and practice in meeting the behavioral challenges of individuals through Applied Behavior Analysis for students with Autism Spectrum Disorder and other behavioral issues. Candidates will receive instruction in a problem-solving approach to identify the possible function(s) of problem behavior and the design of proactive, positive behavior intervention plans that emphasize the teaching of appropriate alternative skills. An emphasis is placed upon behavior change strategies, which intervene on antecedent events, teach appropriate alternative skills, and provide supports in the natural environment. Multi-component interventions also are designed to include the interest and preferences of the target student. Legal and ethical considerations are considered. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 524 Collaboration and Inclusive Practice for Students with Mild and Severe Disabilities 3 Credits
This course will emphasize curriculum planning, learning environments, materials, and modifications for students with mild and severe disabilities. Instructional and behavioral strategies to maximize learning of all students, including those with exceptional learning needs in the general education classroom will be examined. Inclusive educational practices including collaboration, communication and positive behavior supports and co-teaching will be discussed and applied for diverse learners. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 531 Assessment for Instruction in Special Education 3 Credits
In this course, standardized and functional assessments are emphasized. Students are introduced to basic educational assessment procedures, norm-referenced, criterion-referenced, and individually-referenced assessment in this course. An emphasis is placed on gathering information to answer specific referral questions, and the use of assessment tools, which meet legal and ethical guidelines. A model of academic assessment most consistent with classroom practices is emphasized. Students are expected to measure an individual's performance (e.g., current level of functioning) and provide recommendations for instruction and learning goals and objectives. A field experience will enable students to apply knowledge to practice.
Prerequisite(s): SPED 512.

SPED 536 Instruction and Transition for Autism and Severe Disabilities 3 Credits
The course will provide students with the knowledge and skills to support individuals with Autism Spectrum Disorders and those with moderate to severe disabilities. Strategies to address instruction, transition, behavior, and communication and will be emphasized across domains of life skills, inclusion, and transition. Transition planning, including understanding, formulating, and implementing the Individual Transition Plan will be taught. Collaborative interactions with school and community personnel and agencies will be addressed. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 539 Instructional Practices for Students with Disabilities 3 Credits
This course will give students the opportunity to evaluate, select, develop, and adapt instructional and assessment materials for individuals with mild to severe disabilities. Using various case studies, students will have the opportunity to develop an Individualized Education Program (IEP) and synthesize assessment information to make appropriate instructional decisions addressing learner characteristic and classifications. Curriculum planning, learning environments, modifications, and materials for diverse learner needs will be examined. Students will experience the collaborative process and develop their ability to function as part of an educational team. A field experience with children with disabilities will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 542 Literacy and Students With Special Needs 3 Credits
The course will provide an overview of theories, assessment, and intervention techniques for the literacy development of students with special instructional needs. Students will explore research validated methods for literacy development and instruction, including current strategies for teaching comprehension, composition, vocabulary, and language study. Management of literacy instruction is studied in a workshop setting. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 590 Professional Seminar in Special Education 3 Credits
This course addresses the current issues in the field of special education. Students will synthesize research and literature from the field of special education to address current issues and practice. Collaboratively, students will examine one area of special education through research and presentation. A reflective comprehensive view of special education including assessment, instruction, inclusive practice, assistive technology, Autism Spectrum Disorder, behavior, literacy etc. will be shared. Students are expected to complete a comprehensive exam in these related special education topics and submit 100 hours of supervised field hours. This course should be taken in the final semester of the MA program as it is the culminating reflective course of study.
Prerequisite(s): Permission of instructor.

Special Education Teaching Certification

Program Overview

The Teacher of Students with Disabilities (TOSD) certification program is a complete on-line remote course of study. Some courses may have remote asynchronous meeting schedules. Students are reminded to check specific course schedules during registration.

The graduate education certification program for Teacher of Students with Disabilities (TOSD) includes the 21 credits required by the State of New Jersey for endorsement as a TOSD. This certification program is for candidates that possess a current New Jersey instructional elementary, secondary, or P-3 certification. The course sequence is designed to provide a knowledge base in the current research, policy and practice in special education. Each course in the program will make connections from theory to practice with specific field assignments embedded in coursework.

Curriculum Overview

Courses include topics in the history foundations of special education, laws and evidence based practice. Courses include: Psychology of Exceptionality, Applied Behavior Analysis for students with Autism Spectrum Disorder and other Behavior Needs, Instruction and Transition for Autism and Severe Disabilities, Collaboration and Inclusive Practice for students with Mild and Severe Disabilities, Assessment for Instruction in Special Education, Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities, and Instructional Practices for Students with Disabilities.

The M.A. in Special Education is an ***additional 3 courses beyond the TOSD*** requirements. The MA comprises a sequence of coursework that includes courses required for a New Jersey Teacher of Students with Disabilities Endorsement. Candidates who are successful in the Teacher of Students with Disabilities Certification Program may apply their credits toward the M.A. in Special Education.

Endorsement/Certification Offered

- Teacher of Students with Disabilities Certification

Contact

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Program Website: S (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/teacher-education-programs/special-education-programs/teacher-students-disabilities-certification/)tudents with Disabilities Certification (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/teacher-education-programs/special-education-programs/teacher-students-disabilities-certification/)
Associated Department: (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/leadership-programs/graduate-programs-school-leaders/teacher-leaders/)Department of Graduate Education, Leadership, and Counseling (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate/)

Related Programs:

The courses in this program are also part of the Master of Arts in Special Education.

- Special Education (M.A.) (p. 1431)

Teacher of Students with Disabilities Certificate Requirements

The graduate education certification program for teacher of students with disabilities will require a minimum of 21 credits required by the State of New Jersey for endorsement as a teacher of students with disabilities. Candidates must possess an existing instructional certificate or certificate of eligibility in elementary education, secondary education, or P-3 education. Completion of a sequence of field-based activities is required. SPED 512 is a prerequisite for all other SPED courses.

Code	Title	Credits
Required Courses		
SPED 504	Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities	3
SPED 512	Psychology of Exceptionality	3
SPED 514	Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs	3
SPED 524	Collaboration and Inclusive Practice for Students with Mild and Severe Disabilities	3
SPED 531	Assessment for Instruction in Special Education	3
SPED 536	Instruction and Transition for Autism and Severe Disabilities	3
SPED 539	Instructional Practices for Students with Disabilities	3
Total Credits		**21**

Courses and Descriptions

SPED 504 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 512 Psychology of Exceptionality 3 Credits
This course provides opportunities for the study of school psychological issues associated with supporting students with exceptionalities. Philosophical, historical, and legal foundations of special education, and the characteristics of students with disabilities will be examined. Special education policy, legal foundations, and evaluation procedures are discussed. Current issues related to inclusive practice and intervention strategies are examined from a psychological and sociocultural perspective. An experience in the field will enable students to apply knowledge in a realistic classroom setting. This course, or its equivalent, will be the prerequisite for all other SPED courses.

SPED 514 Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs 3 Credits
This course is designed to provide extensive knowledge and practice in meeting the behavioral challenges of individuals through Applied Behavior Analysis for students with Autism Spectrum Disorder and other behavioral issues. Candidates will receive instruction in a problem-solving approach to identify the possible function(s) of problem behavior and the design of proactive, positive behavior intervention plans that emphasize the teaching of appropriate alternative skills. An emphasis is placed upon behavior change strategies, which intervene on antecedent events, teach appropriate alternative skills, and provide supports in the natural environment. Multi-component interventions also are designed to include the interest and preferences of the target student. Legal and ethical considerations are considered. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 524 Collaboration and Inclusive Practice for Students with Mild and Severe Disabilities 3 Credits
This course will emphasize curriculum planning, learning environments, materials, and modifications for students with mild and severe disabilities. Instructional and behavioral strategies to maximize learning of all students, including those with exceptional learning needs in the general education classroom will be examined. Inclusive educational practices including collaboration, communication and positive behavior supports and co-teaching will be discussed and applied for diverse learners. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 531 Assessment for Instruction in Special Education 3 Credits
In this course, standardized and functional assessments are emphasized. Students are introduced to basic educational assessment procedures, norm-referenced, criterion-referenced, and individually-referenced assessment in this course. An emphasis is placed on gathering information to answer specific referral questions, and the use of assessment tools, which meet legal and ethical guidelines. A model of academic assessment most consistent with classroom practices is emphasized. Students are expected to measure an individual's performance (e.g., current level of functioning) and provide recommendations for instruction and learning goals and objectives. A field experience will enable students to apply knowledge to practice.
Prerequisite(s): SPED 512.

SPED 536 Instruction and Transition for Autism and Severe Disabilities 3 Credits
The course will provide students with the knowledge and skills to support individuals with Autism Spectrum Disorders and those with moderate to severe disabilities. Strategies to address instruction, transition, behavior, and communication and will be emphasized across domains of life skills, inclusion, and transition. Transition planning, including understanding, formulating, and implementing the Individual Transition Plan will be taught. Collaborative interactions with school and community personnel and agencies will be addressed. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 539 Instructional Practices for Students with Disabilities 3 Credits
This course will give students the opportunity to evaluate, select, develop, and adapt instructional and assessment materials for individuals with mild to severe disabilities. Using various case studies, students will have the opportunity to develop an Individualized Education Program (IEP) and synthesize assessment information to make appropriate instructional decisions addressing learner characteristic and classifications. Curriculum planning, learning environments, modifications, and materials for diverse learner needs will be examined. Students will experience the collaborative process and develop their ability to function as part of an educational team. A field experience with children with disabilities will enable students to apply knowledge in a realistic classroom setting. **Prerequisite**(s): SPED 512.

Student Assistance Coordinator Certificate

Program Overview

This Rider Student Assistance Coordinator (SAC) Certificate qualifies students to apply for the Student Assistance Coordinator Certificate of Eligibility with Advanced Standing (SAC CEAS) in New Jersey, which is supplied by the NJ Department of Education (https://www.state.nj.us/education/). For students interested in the school counseling profession, the SAC plays a specialized counseling role in the schools. SACs help students who are coping with social, emotional, and behavioral issues related to substance abuse and typically provide drug and alcohol prevention and intervention counseling services.

Students should consult the NJ Department of Education (https://www.state.nj.us/education/) for the most updated and detailed explanations of the requirements to ultimately qualify for a standard New Jersey SAC certificate.

Curriculum Overview

This certificate is comprised of seven courses or 21 credits. Current M.A. students seeking either the Master of Arts in Counseling Services, (school counseling concentration) or the Master of Arts in Clinical Mental Health Counseling, may fulfill requirements for the SAC certificate as they complete their M.A. degree.

For those who are pursuing a 60-credit Master of Arts in Counseling Services, (school counseling concentration) at Rider, they may use elective courses to fulfill SAC requirements. Students should reference the Counseling Program Handbook and consult with their faculty advisor about elective choices.

For those who are pursuing a Master of Arts in Clinical Mental Health Counseling without a Dance/Movement Therapy concentration, extra courses will be required beyond their M.A. degree requirements. For students enrolled in the Master of Arts in Clinical Mental Health Counseling without a Dance/Movement Therapy concentration, three extra courses are required (two courses may be able to count as electives for the M.A. CMHC program). Students should reference the Counseling Program Handbook and consult with their faculty advisor about elective choices.

For students enrolled in the Master of Arts in Clinical Mental Health Counseling with a Dance/Movement Therapy concentration, five additional courses will be required (note that students do not have electives in this concentration).

For those who are not enrolled in one of the M.A. programs listed above and who are interested in obtaining the SAC certificate (such as practicing counselors), please reach out to the program contact listed below for more information. The 21 credits are standard for the SAC CEAS in N.J.; however, a review of student transcripts by Rider faculty and/or by the N.J. Department of Education will likely be required to develop a plan of study. Please note that enrollment is limited for students seeking this option.

Certificate Offered

- Rider Student Assistance Coordinator (SAC) Certificate

Contact

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Professor and Director of School Counseling and Coaching
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Program Website: Student Assistance Coordinator (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/counseling-services/certificate-programs/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)
Accreditation Information: The Rider Student Assistance Coordinator (SAC) Certificate program has been approved by the New Jersey Department of Education and meets the educational requirements for the NJ SAC CEAS.

Related Programs

- Counseling Services (http://catalog.rider.edu/graduate/colleges-schools/education/programs-certificates/counseling-services-ma/#text) (School Counseling Concentration) (M.A.)
- Clinical Mental Health Counseling (p. 1378)
- School Psychology (Ed.S.) (p. 1424)

Student Assistance Coordinator Certificate Requirements

For Current Master of Arts in Counseling Services (School Counseling Concentration) Students:

(9 credits)

Current Master of Arts in Counseling Services students may fulfill requirements for the SAC certificate as they complete their M.A. degree. One course (CNSC 580, CNSC 581, CNSC 590 or CNSC 591) may be taken as part of the M.A. degree requirements. Two additional courses will also be required; these two courses may be able to count as electives in the M.A. COUN program. At least one of the extra courses must be taken before CNSC 580, CNSC 581, CNSC 590, or CNSC 591 . Currently enrolled students should consult with their program advisors for more information about course selection (including course sequencing requirements) and this certificate option. Students should also consult with their faculty advisor on elective choices to select courses that meet student career and licensure or certification goals.

Code	Title	Credits
Required Courses:		
COUN 515	Substance Abuse Counseling	3

COUN 516	Strategies in Addiction Counseling	3
CNSC 580	Elementary School Counseling Practicum and Student Assistance Coordinator Practicum	3
or CNSC 581	Secondary School Counseling Practicum and Student Assistance Coordinator Practicum	
or CNSC 590	Counseling Internship I	
or CNSC 591	Counseling Internship II	
Total Credits		**9**

For Current Master of Arts in Clinical Mental Health Counseling Students who are not enrolled in the Dance/Movement Therapy concentration:

(9 credits)

Current Master of Arts in Clinical Mental Health Counseling students who are not enrolled in the Dance/Movement Therapy concentration may fulfill requirements for the SAC certificate as they complete their M.A. degree. Three extra courses will be required; two courses may be able to count as electives for the M.A. CMHC program. Currently enrolled students should consult with their program advisors for more information about course selection (including course sequencing requirements) and this certificate option. Students should also consult with their faculty advisor on elective choices to select courses that meet student career and licensure or certification goals.

Code	Title	Credits
Required Courses:		
EDSO 501	Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs	3
CNPY 518	Counseling Children, Adolescents and Families	3
or COUN 555	Introduction to Play Therapy	
CNSC 580	Elementary School Counseling Practicum and Student Assistance Coordinator Practicum	3
or CNSC 581	Secondary School Counseling Practicum and Student Assistance Coordinator Practicum	
or CNSC 590	Counseling Internship I	
or CNSC 591	Counseling Internship II	
Total Credits		**9**

For Current Master of Arts in Clinical Mental Health Counseling Students who are enrolled in the Dance/Movement Therapy concentration:

(15 credits)

Current Master of Arts in Clinical Mental Health Counseling students who are enrolled in the Dance/Movement Therapy concentration may fulfill requirements for the SAC certificate as they complete their M.A. degree. Five extra courses will be required; these courses cannot count as electives as students do not have electives in this concentration. Currently enrolled students should consult with their program advisors for more information about course selection (including course sequencing requirements) and this certificate option.

Code	Title	Credits
Required Courses:		
COUN 516	Strategies in Addiction Counseling	3
COUN 515	Substance Abuse Counseling	3
EDSO 501	Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs	3
CNPY 518	Counseling Children, Adolescents and Families	3
or COUN 555	Introduction to Play Therapy	
CNSC 580	Elementary School Counseling Practicum and Student Assistance Coordinator Practicum	3
or CNSC 581	Secondary School Counseling Practicum and Student Assistance Coordinator Practicum	
or CNSC 590	Counseling Internship I	
or CNSC 591	Counseling Internship II	
Total Credits		**15**

All Other Students:

(21 credits)

The Rider University Student Assistance Coordinator (SAC) Certificate is an approved program by the New Jersey Department of Education. This certificate is comprised of 21 credits, meets 9 content area requirements, and is completed by taking seven courses. Students should consult with program faculty for more information about course selection (including course sequencing requirements) and this certificate option.

Code	Title	Credits
Required Courses:		
COUN 515	Substance Abuse Counseling	3
COUN 516	Strategies in Addiction Counseling	3
COUN 530	Legal and Ethical Issues in Counseling and Psychotherapy	3
CNPY 518	Counseling Children, Adolescents and Families	3
or COUN 555	Introduction to Play Therapy	
EDSO 501	Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs	3
EDPS 503	Human Growth and Development	3
CNSC 580	Elementary School Counseling Practicum and Student Assistance Coordinator Practicum	3
or CNSC 581	Secondary School Counseling Practicum and Student Assistance Coordinator Practicum	
or CNSC 590	Counseling Internship I	
or CNSC 591	Counseling Internship II	
Total Credits		**21**

Courses and Descriptions

CNPY 518 Counseling Children, Adolescents and Families 3 Credits
This course will emphasize counselor and consultant behaviors that facilitate the helping process with children, adolescents, and their families. Information and activities will be provided that address age, ethnic, and developmental considerations in counseling children and adolescents. Issues and practices related to crisis intervention will be explored.

CNSC 580 Elementary School Counseling Practicum and Student Assistance Coordinator Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in an elementary school setting. Students will obtain a minimum of forty (40) contact hours with clients. The course will also provide an historical overview of the school guidance and counseling function. Current practices for assessing, organizing, implementing and evaluating school counseling services will be reviewed. Students will develop knowledge and skills in the development of primary, secondary, and tertiary interventions designed to promote the academic and social development of children of elementary school age. Students will apply knowledge and skills developed in pre-practicum experiences in addressing the needs of school children. Students must be supervised by a Substance Awareness Coordinator (SAC).
Prerequisite(s): COUN 515 or COUN 516.

CNSC 581 Secondary School Counseling Practicum and Student Assistance Coordinator Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in a secondary school setting. Includes seminar discussions, interview analyses, videotape observations, and individual supervision with the faculty supervisor. Provides the counselor in training with the opportunity to develop and practice skills and techniques necessary for the effective delivery of counseling services in the secondary school setting. Reviews current practices for assessing, developing, organizing, implementing, evaluating, and reflecting on counseling services as they address the special needs of secondary school students. Students must be supervised by a Substance Awareness Coordinator (SAC).
Prerequisite(s): COUN 515 or COUN 516.

COUN 515 Substance Abuse Counseling 3 Credits
This course analyzes the development, intervention and treatment of substance abuse. Family dysfunction and its results will be examined with the various addictive behaviors. This course is designed to help students understand addictive behaviors and how they function. Specialized techniques for treatment will be examined along with related elements, i.e., family, parenting, the characteristics of dysfunction, developmental growth problems, physical problems, effects on school and job performance.

COUN 516 Strategies in Addiction Counseling 3 Credits
This is an experiential and laboratory-based experience in which students will learn to implement evidence based counseling techniques that are utilized in the field of substance abuse counseling. Students will be able to expand their basic counseling skills and techniques learned in COUN 550, as well as become exposed to techniques that are unique to addiction counseling. In addition to learning assessment skills, students will learn interventions that include motivational interviewing, relapse prevention, alternative therapies, group counseling, family counseling, and others. This course will also focus on issues of ethics and prevention in counseling.
Prerequisite(s): COUN 550.

COUN 530 Legal and Ethical Issues in Counseling and Psychotherapy 3 Credits
Examines and analyzes the legal, ethical, and professional parameters of counseling and psychotherapy. Discusses legal liabilities and malpractice cases arising from constitutional, tort, contract, family, privacy, and criminal laws. Examines client rights and counselor duties and responsibilities. Explores legal, ethical, and professional implications of third party payment, informed consent, medication, case documentation, client termination and abandonment. Advertisement of counseling services, crisis and case management, consultation and supervision, "duty-to-warn" and court appearances of an expert witness will be explored. Special attention will be given to child abuse reporting issues, dual relationships and to regional legal and ethical developments.

EDPS 503 Human Growth and Development 3 Credits
Provides an overview and broad understanding of life span developmental theories and research applied to counseling services with special emphasis on developmental processes, individual differences and mental health. Includes strategies for working with developmental issues across the life span.

EDSO 501 Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs 3 Credits
The course provides an overview of the foundations of counseling in educational settings, including the historical roots, current and future trends, roles, and functions in multicultural schools and higher education settings. Students examine the roles and responsibilities of professional school counselors to facilitate student success through the development of a comprehensive school counseling program as an integral component of the total education system.

Supervisor of Instruction Certificate

Program Overview

This program is designed for experienced and fully-certified teachers and other related instructional personnel to gain the necessary skills and professional knowledge to become supervisors in a school system.

It is a coherent program that develops the reflective capacities of students to perform a wide range of supervisory functions in accord with recognized professional standards, best practices and values.

Students should note that the recommended course sequence set by Rider University has been approved by the New Jersey Department of Education for the New Jersey supervisor's certificate and meets the four course requirements established by the Department: a course in the general principles of staff supervision (N–12); two courses in general principles of curriculum development (N–12); and a practicum in supervision where students will be expected to complete a mentored internship in a school or appropriate work setting as a requirement of the culminating course in the sequence.

Certificate Offered

- Supervisor of Instruction Certificate

Contact

Bonnie Lehet, Ed.D.
Program Director
Bierenbaum Fisher Hall 202 I
609-896-7750
blehet@rider.edu

Program Website: Supervisor of Instruction Certificate (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/leadership-programs/graduate-programs-school-leaders/supervisor-instruction/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Supervisor of Instruction Certificate Requirements

(12 credits)

Code	Title	Credits
Curriculum Development Requirements (6 Credits)		**6**
CURR 531	Strategies for Curriculum Development, Innovation and Change	
CURR 538	Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners	
or CURR 548	Curriculum and Instruction for Diverse Learners	
Staff Supervision Course Requirement (3 Semester Hours)		**3**
EDAD 505	Supervisor/Teacher Leadership for Improved Instruction and Student Learning	
Supervision Practicum Requirement		**3**
EDAD 591	Seminar/Practicum in Educational Leadership/ Supervision	
Total Credits		**12**

Courses and Descriptions

CURR 531 Strategies for Curriculum Development, Innovation and Change 3 Credits
This course will address the importance of philosophy, historical precedents, learning theory, developmental theory, emerging social trends and issues, and recent trends in content knowledge as bases for designing and developing the K-12 curriculum. The articulation of curriculum aims and goals, the development and selection of learning experiences, the organization of learning experiences, and plans for evaluating curriculum outcomes are used as steps for developing the curriculum. Students investigate the roles teachers, teacher leaders, supervisors and administrators play in implementing curriculum designs in school settings. Students are expected to demonstrate course understandings through actual school applications and field experiences that are referenced to state and national standards.

CURR 538 Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners 3 Credits
This course establishes the implemented curriculum by establishing the relationship between curriculum goals and the instructional strategies needed to realize those purposes. Emphasis will be placed on analyzing and using various instructional models to meet the learning expectations embodied in curriculum goals and core curriculum content standards from pre-school to high school. Students will examine instructional strategies from the perspectives of assessing research findings on effective practices, realizing curriculum standards, adapting the classroom to diverse learner needs, establishing appropriate staff development agendas, and providing forms of supervisory support to optimize learning and achievement. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, and national school leadership standards.
Prerequisite(s): CURR 531.

EDAD 505 Supervisor/Teacher Leadership for Improved Instruction and Student Learning 3 Credits
This course will explore the supervisory and evaluation practices in K-12 settings by examining and identifying the relationships among collegiality and collaboration, educational leadership, and the improvement of instruction. This course will emphasize the development of practical observation skills and approaches and the development of appropriate professional growth plans to enhance staff performance and bring about increased student learning. Multi-track evaluation programs will be examined as well as an analysis of current observation and supervisory approaches used in school districts. Participants in the course will develop a personal supervisory platform. This course will emphasize the development of collaborative and clinical supervision approaches as well as communication skills and interpersonal qualities of the effective supervisor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.
Prerequisite(s): Permission of Program Director.

EDAD 591 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the first of two "capstone" internship courses for candidates in the leadership program in educational administration. The course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. This course is taken in the fall semester and is followed in the spring semester with EDAD 592. After analysis of leadership strengths, based on a self-assessment completed by the candidate, specific internship experiences will be cooperatively planned by the candidate, site-based mentor, and instructor. The capstone internship will build on strengths, develop growth experiences, be substantial and sustained, and be ethically informed. Students will cooperatively evaluate and problem-solve internship experiences, assess leadership performance from best-practice perspectives, finalize the development of a leadership platform statement, review and discuss topics and scenarios derived from readings and other resources, engage in simulations and case analyses, and interact with students in other graduate programs. Presentations by practicing administrators and other school personnel will provide understanding of the patterns of interaction that occur among different leadership positions in educational institutions. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of Instructor.

Talent and Organizational Development Certificate

Program Overview

This track is aimed at preparing students to be successful, strategic and impactful professionals who are able to work effectively through others. The program will:

- Offer insight into human and organizational relationships
- Enhance the capacity for sound analytical judgment
- Encourage the ability to see the "big picture" as it relates to an organization and its environment

Curriculum Overview

Coursework focuses on applied action grounded in theory, and embraces principles applicable to administrative issues in the private, public, and nonprofit sectors. The courses enable students to enhance their knowledge and skills in:

- Employee recruitment
- Leadership development
- Group dynamics
- Organizational change
- Conflict management
- Succession planning
- Training and development
- Adult learning theory

Certificate Offered

- Talent and Organizational Development Certificate

Contact

Kellie M. McKinney, Ed.D.
Program Director

Program Website: Talent and Organizational Development (https://www.rider.edu/academics/colleges-schools/college-education-human-services/certificates-endorsements/talent-organizational-development/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Organizational Leadership (M.A.) (p. 1416)

Certificate Requirements

(12 credits)

Code	Title	Credits
LEAD 510	Organizations: Design and Dynamics	3
LEAD 511	Facilitating Culture and Process Change in Organizations	3
LEAD 512	Forms of Diversity in Organizations	3
LEAD 532	Program Design for Training and Development in Organizations	3
Total Credits		**12**

Courses and Descriptions

LEAD 510 Organizations: Design and Dynamics 3 Credits
This course will provide students with foundational knowledge in the area of organization studies. Students will gain insight into organizational structure and how it affects interdepartmental behaviors, communication and work flow. The course emphasizes how organizational environment and culture generate and reinforce the way organizational systems work and how leaders operate within these organizational contexts.

LEAD 511 Facilitating Culture and Process Change in Organizations 3 Credits
Organizational culture and existing processes can enable productive and effective environments, or they can be barriers to carrying out the central missions of corporations, not-for-profits, governmental or educational institutions. For organizations to thrive and survive in the future they must be able to change and develop rapidly. This course provides a working knowledge of the key theories and practices necessary to be an effective change agent. Students develop skills in diagnosis, design of interventions and strategies for communicating change.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 512 Forms of Diversity in Organizations 3 Credits
Increasingly, leaders and employees are part of a more diverse, multiethnic and globally influenced workforce. Students will become more conversant with forms of diversity, such as different cultural traditions, as well as differences in generational sensibilities, ableness, gender, and level of adult development. Students will learn about the different “worldviews” which organizational members bring into the organization, and how that affects their ability to work together. The course develops students’ knowledge of and skills in practicing: principles for optimizing human performance in organizations, cultural intelligence, human diversity, and leading multicultural organizations.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 532 Program Design for Training and Development in Organizations 3 Credits
This course provides a full circle approach to workforce training and development that is applicable to professionals in human resources, organizational development, or other leaders who see themselves as trainers, mentors and coaches. The course is designed for students to explore "real world" applications for programs, services and operations in a training environment, and covers key principles such as adult learning theory, facilitation skills, curriculum development, needs assessment, training methodology and techniques, resources and constraints, as well as learning how to evaluate and improve the efficacy of training programs.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

Teacher Leadership (M.A.)

Program Overview

The Master of Arts in Teacher Leadership program seeks students who wish to enhance their knowledge and ability to deliver content instruction and further develop their leadership skills in educational settings. This program is designed to be developmental and experiential in nature, fostering ethical behavior and the improvement of self and one's profession. The program is based upon current leadership standards. These standards emphasize performance-based learning opportunities in the areas of articulating and implementing a vision for learning, promoting effective instruction, effectively utilizing and managing resources in the learning environment, collaborating with families and community members, promoting the success of all students in an ethical manner, and recognizing the influence of the larger political, social, economic, legal, and cultural context.

The teacher leadership degree program serves those students who seek a graduate program that will develop their professional capacities as teachers and leaders. Increasingly, teachers are called upon to play a leadership role in the following areas: design, coordinate, and evaluate standards-based curricular programs; assess the outcomes of instruction; support the work of other teachers through mentoring, peer-coaching, and collaborative problem-solving; contribute to the professional development of the staff by providing and facilitating teacher in-service programs; and to promote a positive climate and culture for learning both inside and outside of the classroom. This program also prepares students for formal instruction/supervisory roles by emphasizing the knowledge, skills, and dispositions needed to assume leadership responsibilities for school and district-wide improvement initiatives.

Leadership Growth Projects are a requirement of every teacher leadership core course within the program. They provide students with an opportunity to develop and practice their teacher/supervisory leadership skills throughout the program so that they are well-prepared for the requirements of their internship experience (Capstone Project). An electronic portfolio showcasing how Standards have been addressed will be submitted during the internship course to document continuous and sustained accomplishments of all candidates in their educational settings. Upon the completion of the Master of Arts Degree in Teacher Leadership, graduates will qualify for the New Jersey Instructional Supervisor Certificate.

Curriculum Overview

Developed by Rider University's respected and CAEP (https://caepnet.org/)-accredited College of Education and Human Services, the Master of Arts is designed to prepare experienced teachers to assume a greater leadership role in their schools, and share their skills and knowledge while remaining active in the classroom.

Teachers who complete the full master's degree will acquire both content knowledge and the skills needed to be effective teacher leaders in their schools and school districts. The full master's degree program includes both the 21-credit teacher leadership core and the 15-credit core content disciplines. Students who complete the master's degree track are eligible to apply for New Jersey Supervisor Certification.

The teacher leadership core is designed to prepare experienced teachers to assume a greater leadership role in their schools and share their skills and knowledge while remaining active in the classroom. This is a low-residency program that combines the best of face-to-face learning with the convenience of online learning. Its innovative design gives participants the flexibility they need to balance work and family demands while advancing their skill as teacher leaders. In the core content disciplines, teachers select content courses designed to build content knowledge and pedagogy in specialized fields. Teachers may select courses in only one concentration or a combination of courses in more than one concentration.

Teacher Leadership Concentration Options

The concentrations provide teachers with face-to-face and/or online courses that require the application of what is being learned in class to how content is being taught in their classrooms. The primary goal is to enhance content knowledge and ability to deliver instruction in a common core curriculum area of specialization. The completion of five courses in the concentrations will result in a Rider University Professional Development Certificate in that specific concentration and in some instances a New Jersey Department of Education endorsement/certification.

Degree Offered

- M.A. in Teacher Leadership

Contact

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blehet@rider.edu

Program Website: Teacher Leadership (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate/teacher-leadership/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Teacher Leadership Professional Development Certificate
- Master of Arts in Teaching (p. 1452)
- Educational Leadership (p. 1397)
- Organizational Leadership (p. 1416)

Teacher Leadership (M.A.) Program Requirements

(36 credits)

Code	Title	Credits
Teacher Leadership Core Courses		**21**
CURR 552	Creative, Ethical Teacher Leadership	
EDAD 505	Supervisor/Teacher Leadership for Improved Instruction and Student Learning	
CURR 531	Strategies for Curriculum Development, Innovation and Change	
CURR 538	Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners	
EDAD 521	Using Research Strategies and Analysis of Data to Make Decisions in Schools	
EDAD 511	Group Process in Supervision for Creative Change and Collaboration in Schools	
EDAD 510	Seminar/Practicum in Teacher Leadership and Supervision	
Teacher Leadership Concentration Options		**15**
Select one concentration from the list below. See the Concentrations tab for the required course list for each concentration.		
English as a Second Language/Bilingual Concentration		
Inclusive Practices in Education Concentration		
Math Concentration		
Principal Concentration		
Science Concentration		
Literacy Concentration		
Gifted Education and Creativity Concentration		
Total Credits		**36**

Teacher Leadership Concentration Options Requirements

- English as a Second Language/Bilingual Concentration (p. 1441)
- Inclusive Practices in Education Concentration (p. 1441)
- Math Concentration (p. 1441)
- Principal Concentration (p. 1441)
- Science Concentration (p. 1441)
- Literacy Concentration (p. 1442)
- Gifted Education and Creativity Concentration (p. 1442)

English as a Second Language/Bilingual Concentration

(15 credits)

Code	Title	Credits
CURR 548	Curriculum and Instruction for Diverse Learners	3
EDUC 520	Introduction to Linguistics and Psycholinguistics	3
EDUC 521	Teaching a Second Language	3
EDUC 560	Educating and Evaluating the Bilingual Child	3
LITR 508	Literacy and the Bilingual/Bicultural Child	3
Total Credits		**15**

Inclusive Practices in Education Concentration

(15 credits)

Code	Title	Credits
SPED 512	Psychology of Exceptionality	3
SPED 514	Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs	3
SPED 524	Collaboration and Inclusive Practice for Students with Mild and Severe Disabilities	3
SPED 531	Assessment for Instruction in Special Education	3
SPED 539	Instructional Practices for Students with Disabilities	3
Total Credits		**15**

Math Concentration

(15 credits)

Code	Title	Credits
CURR 517	Teaching and Learning Number and Operations	3
CURR 518	Teaching and Learning Rational Numbers and Proportional Reasoning	3
CURR 519	Teaching and Learning Algebraic Reasoning	3
CURR 520	Teaching and Learning Geometric Understanding	3
CURR 522	Teaching and Learning Measurement and Data	3
Total Credits		**15**

Principal Concentration

(15 credits)

Code	Title	Credits
EDAD 501	Educational Leadership and Organizational Theory	3
EDAD 507	Education and the Law	3
EDAD 514	School Finance and Fiscal Management	3
EDAD 591	Seminar/Practicum in Educational Leadership/ Supervision	3
EDAD 592	Seminar/Practicum in Educational Leadership/ Supervision	3
Total Credits		**15**

Science Concentration

(15 credits)

Code	Title	Credits
CURR 640	Teaching and Learning Physical Science	3
CURR 641	Teaching and Learning Life Science	3
CURR 642	Teaching and Learning Earth and Space Science	3
CURR 643	Engineering Solutions to the Challenges of Contemporary Science Issues	3
CURR 644	Teaching and Learning Chemical Science	3
Total Credits		**15**

Literacy Concentration
(15 credits)

Code	Title	Credits
Select five of the following courses:		**15**
CURR 548	Curriculum and Instruction for Diverse Learners	
LITR 500	New Literacies for New Learning	
LITR 501	Psychology and Pedagogy of Literacy Processes [1]	
LITR 502	Curriculum, Instruction and Supervision in Literacy [1]	
LITR 504	Diagnosis and Correction of Literacy Abilities and Challenges: Seminar and Practicum [1]	
LITR 508	Literacy and the Bilingual/Bicultural Child	
LITR 510	Research and Survey of Texts for Children and Adolescents	
LITR 560	Writing Project at Rider	
LITR 600	Independent Research and Study in Literacy Education	
SPED 542	Literacy and Students With Special Needs	

1 These courses can lead to a Reading Specialist Certification (p. 1423).

Gifted Education and Creativity Concentration

(15 credits)

Code	Title	Credits
CURR 650	Understanding Gifted Learners	3
CURR 652	Differentiating Instruction for the Gifted and Talented	3
CURR 654	Innovative Instructional Strategies for Gifted Education	3
CURR 656	Creative, Interdisciplinary Thinking	3
Select one additional course from other concentrations.		3
Total Credits		**15**

Courses and Descriptions

CURR 517 Teaching and Learning Number and Operations 3 Credits
This course provides an in-depth study of the content and pedagogy for understanding early number theory. It addresses students' mathematical understanding of representing numbers, relationships among numbers, and number systems; operations and how they relate to one another; and computation. Strong emphasis is placed on the cognitive development of children's thinking in number and operations, and the instructional, curricular, and assessment implications for teaching. The course includes the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and the Common Core State Standards for Mathematics Practices.

CURR 518 Teaching and Learning Rational Numbers and Proportional Reasoning 3 Credits
This course provides an in-depth study of the content and pedagogy for understanding rational numbers and proportional reasoning. Content includes a variety of situations involving proportions, for example, real-world problems involving ratios, rates, and percents; geometry involving similarity; algebra involving linearity; and probability involving assigning a probability to an event. Distinguishing proportional situations from those that are not and reasoning proportionally in appropriate situations are emphasized. Emphasis is placed on children's cognitive development of rational numbers and proportional reasoning, and the instructional, curricular, and assessment implications for teaching. The course includes the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and the Common Core State Standards for Mathematics Practices.

CURR 519 Teaching and Learning Algebraic Reasoning 3 Credits
This course provides an in-depth study of the content and pedagogy necessary to facilitate the transition from concrete arithmetic reasoning to abstract algebraic reasoning. It addresses students' mathematical understanding of equality, variable, generalization, and functions; cognitive development of algebraic reasoning; and the instructional, curricular, and assessment implications for fostering algebraic reasoning in students. Strong emphasis is placed on the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and the Common Core State Standards for Mathematics Content and Mathematical Practices.

CURR 520 Teaching and Learning Geometric Understanding 3 Credits
This course provides an in-depth study of the content and pedagogy for geometric understanding. It addresses students' mathematical understanding of shapes and their properties, location, transformation of shapes, and visualization; the cognitive development of geometric thinking; and the instructional, curricular, and assessment implications for teaching. Emphasis is placed on the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and on the Common Core State Standards for Mathematics Practices.

CURR 522 Teaching and Learning Measurement and Data 3 Credits
This course provides an in-depth study of the content and pedagogy for measurement, data analysis, and probability. Mathematical content includes units, systems, and processes of measurement; techniques, tools, and formulas to determine measurements; data collection and display; statistical methods to analyze data; and, evaluating inferences and preditions. Emphasis is placed on children's cognitive development of measurement and data, and the instructional, curricula, and assessment implications for teaching. The course includes the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and the Common Core state Standards for Mathematics Practices.

CURR 531 Strategies for Curriculum Development, Innovation and Change 3 Credits
This course will address the importance of philosophy, historical precedents, learning theory, developmental theory, emerging social trends and issues, and recent trends in content knowledge as bases for designing and developing the K-12 curriculum. The articulation of curriculum aims and goals, the development and selection of learning experiences, the organization of learning experiences, and plans for evaluating curriculum outcomes are used as steps for developing the curriculum. Students investigate the roles teachers, teacher leaders, supervisors and administrators play in implementing curriculum designs in school settings. Students are expected to demonstrate course understandings through actual school applications and field experiences that are referenced to state and national standards.

CURR 538 Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners 3 Credits
This course establishes the implemented curriculum by establishing the relationship between curriculum goals and the instructional strategies needed to realize those purposes. Emphasis will be placed on analyzing and using various instructional models to meet the learning expectations embodied in curriculum goals and core curriculum content standards from pre-school to high school. Students will examine instructional strategies from the perspectives of assessing research findings on effective practices, realizing curriculum standards, adapting the classroom to diverse learner needs, establishing appropriate staff development agendas, and providing forms of supervisory support to optimize learning and achievement. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, and national school leadership standards.
Prerequisite(s): CURR 531.

CURR 548 Curriculum and Instruction for Diverse Learners 3 Credits
This course will examine the curricular and instructional issues that educational leaders must address in accommodating the school program to the needs and abilities of diverse learners. A historical perspective will be developed with an emphasis on how schools have responded to meet the needs of the exceptional child. Legal issues and programmatic trends will be examined and assessed since the inception of the Individuals with Disabilities Education Act. Multicultural issues will be introduced within the context of school and society. The responsibility of the educational leader in fostering a multicultural perspective pertaining to curriculum and instruction, governance, bias and prejudice and school climate and culture will be emphasized. Students will identify and develop curricular possibilities and solutions in school settings to accommodate learners' diverse needs. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, state adopted core curriculum content standards, professional development standards, standards and national school leadership standards.
Prerequisite(s): CURR 531, CURR 538.

CURR 552 Creative, Ethical Teacher Leadership 3 Credits
In order to be effective, teacher leaders require in-depth understanding of the complex, threat-filled, 21st-century globalized environment that provides the context for their work. They must understand the problems, opportunities, and pressures generated by the current socioeconomic, political, and cultural system of the United States, which is characterized by dogmatism-saturated disputes over the purposes of education and the allocation of resources. In addition, they must appreciate the ways in which the larger forces of globalization influence these national trends and issues. Finally, they must understand the ways in which the principles of wise, ethical, intelligent, and creative leadership can help them and their colleagues in their efforts to maintain and strengthen student learning in these daunting conditions.

CURR 640 Teaching and Learning Physical Science 3 Credits
This course provides an in-depth study of content and pedagogy for understanding selected physical science (physics and chemistry) topics aligned with Next Generation Science Standards (NGSS). The course will be structured around big ideas identified in NGSS, common misconceptions, and appropriate learning progressions. While addressing the content, emphasis will also be placed on: effective instructional strategies and science practices through the use and study of such practices and strategies.

CURR 641 Teaching and Learning Life Science 3 Credits
This course provides an in-depth study of content and pedagogy for understanding selected life science topics aligned with state and national standards. The course will be structured around big ideas identified in standards, common misconceptions, and appropriate learning progressions. While addressing the content, emphasis will also be placed on: effective instructional strategies and science practices through the use and study of such practices and strategies.

CURR 642 Teaching and Learning Earth and Space Science 3 Credits
This course provides an in-depth study of content and pedagogy for understanding selected earth and space science topics aligned with state and national standards. The course will be structured around big ideas identified in standards. While addressing the content, emphasis will also be placed on: effective instructional strategies and science practices through the use and study of such practices and strategies.

CURR 643 Engineering Solutions to the Challenges of Contemporary Science Issues 3 Credits
This course provides an in-depth study of the content and pedagogy for understanding selected technology, engineering and design topics aligned with state and national standards. The course will be structured around big ideas identified in standards, common misconceptions, and appropriate learning progressions. While addressing the content, emphasis will also be placed on: effective instructional strategies and science practices through the use and study of such practices and strategies.

CURR 644 Teaching and Learning Chemical Science 3 Credits
This course provides an in-depth study of content and pedagogy for understanding selected chemistry topics aligned with Next Generation Science Standards (NGSS). The course will be structured around big ideas identified in NGSS, common misconceptions, and appropriate learning progressions. While addressing the chemistry content, emphasis will also be place on: effective instructional strategies and science practices for the K-8 classroom through the use and study of such practices and strategies. Participants will engage in experiences with the states and properties of matter, develop models of the atom, and gain an understanding of the major principles of chemistry. The course will focus on states of matter, characteristic physical and chemical properties of matter, and chemical and physical transformations of matter.

CURR 650 Understanding Gifted Learners 3 Credits
The course explores the ways in which the gifted and talented can differ from more typical learners in terms of their cognition, social-emotional dimensions, behavior, and long-term development. It focuses on theories of intelligence, differing conceptions of giftedness and talent development, and learning processes. Some specific topics include underachievement, perfectionism, dual exceptionality, gender issues, and underserved populations. The course also addresses the ways in which gifted education can evolve to fit the demands and opportunities embedded in complex, 21st-century socioeconomic, cultural, and technological contexts.

CURR 652 Differentiating Instruction for the Gifted and Talented 3 Credits
This course provides the rationale and practical strategies for effective instructional differentiation for the gifted and talented within and beyond the regular classroom. Participants will learn how to differentiate within subject areas by adjusting content, process, product, and learning environment to meet the needs of learners. They also will explore the nature and nuances of differentiation by ability, readiness, and interest, as well as the implications of instructional differentiation for formative and summative assessment. Throughout the course they will design and share examples of differentiation including tiered assignments, complex instruction, independent studies, graphic organizers, and learning contracts.

CURR 654 Innovative Instructional Strategies for Gifted Education 3 Credits
This hands-on, experiential course immerses participants in simulations and analyses of new and revised student-centered teaching models and strategies that are conducive to creative and critical thinking, advanced content mastery, and the invigoration of students' interests. Participants analyze the potential of each model/strategy while considering the ways in which it can apply to content learning in various subject areas/domains. The course also engages participants in studying the fundamental principles of program design in gifted education so they can make the best possible use of the instructional models and strategies.

CURR 656 Creative, Interdisciplinary Thinking 3 Credits
This course facilitates creative thinking through the exploration of important insights from a wide variety of disciplines in the social sciences, humanities, natural sciences, and education. The process of creative association enables participants to combine diverse, remotely associated constructs to create new products and processes. Applications of interdisciplinary thinking to curriculum and instruction are explored. These applications include novel methods for curriculum integration, discovery and development of children's interests, and instructional modfications for the gifted and talented. Exploration of concepts and processes in multiple academic domains and professional fields also provide appreciation for the domain-specific natures of giftedness and creativity.

CURR 660 Authentic Data in the Elementary STEM Classroom. 3 Credits
Young learners can think deeply about content and make meaningful connections between their experiences, natural phenomena, and authentic data when teachers integrate data in purposeful ways. In this course, teachers construct student-centered STEM investigations integrating real-world scientific and mathematical data and build their understanding of the theoretical basis for this work. Participants gain knowledge of STEM resources, learn to access entry points for STEM in elementary classrooms and foster engaging contexts, like engineering, coding, and NASA mission exploration. Teachers explore the synergies between Common Core State Standards and Next Generation Science Standards for a productive and exciting learning environment that prepares students for ongoing interest in STEM. This course is recommended as a foundation for the STEM certificate program.

CURR 661 Authentic Data in the Secondary STEM Classroom 3 Credits
Middle and High School students are capable of deep sense making when teachers utilize engaging STEM classroom practices to teach content with authentic data connections. In this course, teachers learn to apply research-based best practices central to today's classrooms. In a collaborative professional learning environment, they build knowledge of resources for accessing, analyzing, and making use of authentic data in meaningful activities. Coursework includes planning student-centered lessons that integrate data, building cultural relevance with engaging phenomena, and developing meaningful assessments for STEM activities. Participants identify how to integrate engineering design into the STEM classroom and learn how to represent the Nature of Science as students develop conceptual understanding and apply critical thinking to real-world decisions. A library of content rich lessons becomes available to all participants through a shared online community. This course is recommended as a foundation for the STEM certificate program.

CURR 662 Eyes on Earth: Teaching Earth Science from Space (PK-8) 3 Credits
This course will take participants through a journey about space exploration and specific NASA missions that examine components of earth. Participants will learn science content grounded in Earth's Lithosphere, Hydrosphere, Atmosphere, and Biosphere. By learning to use authentic data from NASA and other sources participants will experience an exploratory approach to learning about the Earth, and then bring these experiences to their own classrooms. Teachers will utilize several web-based tools and real-time data along with the three-dimensional learning in the Next Generation Science Standards to create lessons that can be used directly in the classroom.

CURR 663 Lessons from the Ocean: Science on the Water Planet (Grades 2-12) 3 Credits
Bring the ocean into your classroom by using Earth's waters as a context for standards-based STEM content. The ocean is critical to the functioning of the Earth system, and is an authentically integrated context for learning about topics such as density, weather and climate, heat transport, environmental issues, biogeochemical cycles, mathematics, and much more. Access a myriad of data sets to apply science concepts and make connections between the ocean and atmosphere, living and nonliving parameters, and life on land, as well as in the deep sea. Use the context of the ocean to teach Next Generation Science Standards topics with deep understanding and meaning for learners.

CURR 664 The Arts in STEM: Advancing Meaningful Integration (K-12) 3 Credits
Apply art in the context of exciting STEM concepts and learn to integrate art, science, math, technology, and engineering in more meaningful ways in your classroom. At the core of the STEM Education movement are critical thinking, creativity, problem solving, and authentic learning environments that engage diverse students in meaningful ways with content. The many mediums for art and artistic expression are a valuable component of communication and expression. Scientists and researchers at NASA and across the globe use myriad forms of art in their work. This course invites students to take a close look at the incorporation of art in the STEM classroom and provides resources, exemplars, and access to collaborative support for arts integration.

CURR 665 Climate Change with NSF SPRINTT 3 Credits
Award-winning curriculum and eloquent, online student investigations help students study science concepts emphasized in the Next Generation Science Standards, in the context of Earth's Polar Regions to better understand the complexity of Earth's climate and how it is changing. View the Earth using real scientific data from satellites and western researchers. Then, consider the lens of indigenous peoples of the Arctic. Examine tons of data and changes in ice, permafrost, weather patterns, biological change, and more as you conduct research with simple-to-use, web-based instructional tools, using authentic data sets and models to study our planet's past, present, and future climate. Interdisciplinary investigations address many Common Core State Standards in reading, writing, science, and technical subjects as well as mathematics in the context of climate science.

CURR 666 Exploring Mars: A New Twist on Science (or Math) 3 Credits
Use a wealth of data sets and technological tools to explore and understand features of Earth's neighbor, the Red Planet. Look for and study the physical and chemical evidence of water and ice; compare erosion patterns on Mars and Earth; and make inferences about the planet's history as you study both its geologic features, including volcanoes and craters, and the physics of the atmosphere. Teach Next Generation Science Standards topics in Earth, physical, and chemical science integrating mathematics, in the context of Mars using recent data from Curiosity Rover and other missions.

CURR 667 Physical Science in Motion: Classroom Applications 3 Credits
Physical science, when applied, makes tough-to-understand concepts easy and fun. Participants learn to solve problems relating to one-dimensional motion; become acquainted with and apply Newton's Laws of Motion and equilibrium of forces; learn about constant acceleration and gravitational acceleration; investigate concepts in aerodynamics; and learn about two-dimensional motion. Participants will use free, simple-to-use, software simulations from NASA Glenn Research Center, which help to present these concepts for you, and, then, your students, in the context of aeronautics, including airplane design, rocketry, sports, and more. A carefully developed resource page provides access to excellent resources and engaging activities for implementing course content in your classroom with important connections to Next Generation Science Standards and Common Core mathematics.

CURR 668 Coding, Robotics, and 1:1 Devices 3 Credits
Learn applications of Coding as a mathematics pedagogy, explore opportunities for Robotics, and learn cutting-edge implementation of One-to-One Devices (1:1) in K-12 classrooms. Participants learn about and explore best practices in the newest learning pedagogies and technologies. Whether you are already involved, or looking to integrate these cutting-edge tools and strategies for the classroom, you will begin to expand your reach for enhancing student learning. Scaffolded to allow success at all grade levels, Coding, Robotics, and 1:1 Devices offers resources for application into elementary, middle, and high school. Participants will interact with no-fee computer programming, robotics opportunities, and the latest uses of devices. All participants have the opportunity to work with innovative technologies and interact with talented educators, practitioners and special guests who are already making a difference in K-12 classrooms.

CURR 669 Culturally Relevant Pedagogy in the STEM Classroom 3 Credits
Classrooms comprise individual learners, each bringing their own culture and experiences to the learning environment. The value and strength of diversity has become increasingly described in educational literature. This course introduces teachers to the curriculum and pedagogical issues relevant to race, language, gender, and socio-economic differences. Participants apply content and pedagogy involving science and mathematics contexts for effective learning. STEM activities will integrate meaningful, engaging practices for teaching diverse learners. The course is differentiated for elementary and secondary school educators to provide relevant connections, to be directly applied, in each participant's classroom.

CURR 670 Life and Marine Science: Tracking Live Marine Animals 3 Credits
Follow marine animals (e.g., polar bears, sea turtles, sharks, and whales) in real-time, and apply life and Earth science topics to the ocean. Study topics such as ecosystems, biodiversity, cell structures, food webs, and conservation, as you make connections to ocean currents, seafloor features, density and more. Discover the importance of the ocean to humans, as well as our impacts, both positive and negative, on marine environments. The in-depth use of data lends itself to Next Generation Science Standards by integrating instructional technology with life, Earth and physical science.

CURR 671 Life in Space: NASA ISS and Astrobiology 3 Credits
The International Space Station (ISS) is an amazing undertaking comprising technology, engineering, science and math--the perfect context for exciting students for learning. NASA research leads to technological advances on Earth and in human space exploration. As NASA plans for manned missions to Mars, scientists explore our solar system and beyond for determining if and where life could exist. Extremophiles are fascinating for teaching Earth science in a context for astrobiology research. The course explores how space travel impacts the human body; growing food in space; engineering protection from radiation, and searching for habitable environments. With its application of subject matter, it offers excellent resources and interactions with NASA scientists, and data for educators to bring the exciting context of space travel to the classroom.

CURR 672 Math Connections to STEM Education 3 Credits
The course introduces a wealth of applied mathematics exercises and activities relevant to integrated STEM assets and science activities. Some are in the realm of topics seen in Earth and Space science and physics. Live presenters break down authentic examples and projects, and demonstrate to educators how problems incorporate Common Core State Standards-based mathematics with applications that meet Next Generation Science Standards performance expectations. Educators survey math and science examples and tools as the course promotes the use of applied mathematics in science, or science in mathematics, to meet content goals in the classroom.

CURR 673 NASA Astronomy and Space Science 3 Credits
Harness your students' enthusiasm for space and astronomy by using astronomical images to enrich your physical, Earth, and life science courses. Measure the speed of an asteroid, learn about erosion on Mars, and see the tracers of life that are visible from space. In this course, we explore the many ways in which real data from NASA's space science and astronomy missions can be used to teach math and science content in your classroom, meeting science and math standards in Next Generation Science Standards and Common Core State Standards. Through the use of cutting-edge technology tools, and with a NASA scientist visiting our class, you will not only learn more about the universe, you will learn how to bring the universe into your education context.

CURR 674 NASA Physics for Real Beginners: Earth, Moon, and Space 3 Credits
Gain an introduction to physics in this conceptual course that uses NASA's space initiatives as the context for content. Learn about gravitation between celestial bodies, how to get a satellite into orbit, what it takes to blast off into space, and more. This course will discuss these and related topics while exploring NASA content related to space and the Hubble Space Telescope and Kepler Missions. Bring cutting-edge examples to your classroom while addressing Next Generation Science Standards performance expectations.

CURR 675 Reading and Writing in the Science Classroom 3 Credits
Discuss and analyze the ways that literacy and science connect in the science classroom, and highlight how reading and writing can be used to increase students' understanding of science content. Focus on how to integrate important literacy skills from Common Core State Standards in your science and STEM classroom to address content standards from Next Generation Science Standards. Cutting-edge strategies and well-founded principles pave the way to success with non-fiction reading material. The manner in which information and scientific content is presented shapes student success, not just for reading, but student writing, organization, and presentation.

CURR 676 The E in STEM: Meaningful Content for Engineering 3 Credits
Learn how to use engineering to make your classroom come alive. Bridge and teach math and science concepts through exciting applications in the Engineering Design Process where you and your students design, test, and evaluate models and real-life applications. Activities are hands-on and emphasize the reciprocities between science, technology, engineering, and mathematics in formal design challenges. Educators enrich classroom curriculum with elements of design in science, mathematics, or technology activities, addressing important Next Generation Science Standards' engineering design practices.

CURR 677 WDLC - Weather Data Learning Center 3 Credits
Use weather data to teach and learn math . This course teaches content in a math curriculum that uses weather data. Weather Data Learning Center demonstrates increases in student performance in grade 4 mathematics. Collect, access, and interpret current real-time imagery, maps and data. Make connections from weather to learn Common Core-based mathematics using various STEM pedagogical strategies. Learn the basics of clouds, air masses, humidity, fronts, pressure, jet stream, and climatic patterns as you apply these ideas to math concepts such as measurement, fractions, number sense, data collection, and analysis.

CURR 678 Action Research in the STEM Classroom 3 Credits
A Capstone Course requirement "option", this course may be part of joint Master's Degree programs, or Endeavor's "5-course" certificate program earning Research Distinction and an award.

CURR 679 Practicum in STEM Leadership 3 Credits
Share your knowledge of STEM teaching and learning with colleagues in your building, district, or region.

CURR 680 STEM Leadership Seminar 3 Credits
The course contains STEM pedagogical content knowledge, incorporating authentic data and using technology as a tool for learning. The course provides a springboard for cultivating problem solving skills, inspiring student research projects, and integrating STEM methods and essential principles addressed in new standards.

EDAD 501 Educational Leadership and Organizational Theory 3 Credits
This introductory course will provide leadership candidates with a framework for understanding the complexity of organizational behavior in an educational setting. Theories and issues in the technical core of teaching and learning, educational governance, leadership, communication patterns, decision-making, school culture, organizational problem solving and school change will be presented, examined and applied through a series of case studies and student initiated inquiry/research projects and presentations. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.

EDAD 505 Supervisor/Teacher Leadership for Improved Instruction and Student Learning 3 Credits
This course will explore the supervisory and evaluation practices in K-12 settings by examining and identifying the relationships among collegiality and collaboration, educational leadership, and the improvement of instruction. This course will emphasize the development of practical observation skills and approaches and the development of appropriate professional growth plans to enhance staff performance and bring about increased student learning. Multi-track evaluation programs will be examined as well as an analysis of current observation and supervisory approaches used in school districts. Participants in the course will develop a personal supervisory platform. This course will emphasize the development of collaborative and clinical supervision approaches as well as communication skills and interpersonal qualities of the effective supervisor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.
Prerequisite(s): Permission of Program Director.

EDAD 507 Education and the Law 3 Credits
This course will address legal issues and requirements confronting educational leaders in school settings. Students will be introduced to varied legal requirements that pertain to educational settings. Legal concepts and issues, and policies and procedures relating to students, parents, teachers and administrators, the board of education, and the community will be introduced and examined. Some of the topics referenced will include: regulations and the key concepts in the Individuals with Disabilities Education Act and the Americans with Disabilities Act; No Child Left Behind legislation; church-state issues; free-speech rights of students, teachers and extracurricular groups; curriculum development and implementation; rules governing student and staff conduct; creating and maintaining a safe school environment; child abuse; search and seizure procedures; affirmative action requirements; and, due process procedures. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.

EDAD 510 Seminar/Practicum in Teacher Leadership and Supervision 3 Credits
This course requires the student to self-assess supervisory leadership strengths for the purpose of establishing an agenda for an extensive site-based internship. The internship agenda is guided by national leadership standards that ensure a comprehensive exposure to supervisory responsibilities. Students deepen their understanding of supervisory theory and best practice and apply this knowledge to the development and refinement of a personal leadership platform. Considerable attention is placed on understanding the ethical basis of supervisory practice. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.
Prerequisite(s): CURR 531, CURR 532 or CURR 538, EDAD 505, and Permission of Program Director.

EDAD 511 Group Process in Supervision for Creative Change and Collaboration in Schools 3 Credits
This course will apply theory and research to the supervisory function of developing group capacity in educational settings. Students will identify group process "best practices" to be modeled by educational leaders. Candidates will develop and refine techniques, strategies, and personal skills facilitating the development of helping and caring relationships with faculty and staff, while promoting interactive communication with stakeholders concerned with improving teaching and learning. Students will demonstrate effective supervisory behaviors in class sessions and simulations that represent daily challenges and opportunities present in school settings. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 505.

EDAD 514 School Finance and Fiscal Management 3 Credits
This course will examine the principles and court decisions involved in shaping the legal framework of school finance. Students will examine the historical spending patterns of a school district budget and develop new budget proposals using "generally accepted accounting procedures" and the appropriate state budgeting codes. Students will study school budgeting procedures as a tool for program and school improvement. The class will examine the financial implications associated with site-based management models and whole school reform. Legislation pertaining to the financing of short and long term debt will be examined. Students will use technology to gather data; identify non-tax based resources; create presentations for specific audiences; and, work with models of data driven indicators to examine issues of equity, efficiencies and resource deployment. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501.

EDAD 521 Using Research Strategies and Analysis of Data to Make Decisions in Schools 3 Credits
This course will develop the skills needed by educational leaders at all levels to interpret, use, and apply statistical concepts and research methodologies in critical administrative and supervisory functions. Statistical methodology will be used to further understanding of different research strategies. Students will interpret data and make informed decisions regarding the frameworks, implementation, and evaluation of instructional programs and practices designed to improve teaching and learning in school, district, and national settings. Course activities and field work will include: scenario and case study analyses; the use of critical friends' discussion groups; the application and use of different technologies and software programs; and, the identification of appropriate problem solving and resolution strategies. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501 and EDAD 514.

EDUC 560 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study.

EDAD 591 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the first of two "capstone" internship courses for candidates in the leadership program in educational administration. The course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. This course is taken in the fall semester and is followed in the spring semester with EDAD 592. After analysis of leadership strengths, based on a self-assessment completed by the candidate, specific internship experiences will be cooperatively planned by the candidate, site-based mentor, and instructor. The capstone internship will build on strengths, develop growth experiences, be substantial and sustained, and be ethically informed. Students will cooperatively evaluate and problem-solve internship experiences, assess leadership performance from best-practice perspectives, finalize the development of a leadership platform statement, review and discuss topics and scenarios derived from readings and other resources, engage in simulations and case analyses, and interact with students in other graduate programs. Presentations by practicing administrators and other school personnel will provide understanding of the patterns of interaction that occur among different leadership positions in educational institutions. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of Instructor.

EDAD 592 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the second of the "capstone" internship course sequence that coincides with the school-year calendar and is taken during the spring semester. In combination with EDAD 591, the course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. Students will continue pursuing field-based internship projects initiated in EDAD 591 in collaboration with a site mentor and the course instructor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of instructor.
Prerequisite(s): EDAD 591.

EDUC 520 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester.

EDUC 521 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification.

LITR 500 New Literacies for New Learning 3 Credits
As we consider the rapid expansion of information and text it is timely to take a critical view of what literacy means and how it is influencing children's literacy development and the work of educators. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid/online course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for children's literacy development as well our own work as educators.

LITR 501 Psychology and Pedagogy of Literacy Processes 3 Credits
Studies the communication process from a componential point of view, including language acquisition and development, perception, comprehension and cognition, composition, and language systems. A review of the literature in each area as well as a survey of models of reading and language is included.

LITR 502 Curriculum, Instruction and Supervision in Literacy 3 Credits
Reading and literacy pedagogy for ALL learners, gifted, average, and diverse learners is the course content. Current strategies for teaching comprehension, composition, vocabulary, language study, and independence skills are learned in a workshop setting. How to manage literacy instruction through content areas for all aged children in mainstream classrooms is studied. Parent education and inservice training are also included in course content.

LITR 504 Diagnosis and Correction of Literacy Abilities and Challenges: Seminar and Practicum 3 Credits
Studies reading/language arts abilities and challenges and assessment measures. Observational techniques and diagnostic teaching for assessment are stressed. Students will apply concepts learned in seminar to their associated practicum/field experience.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

LITR 510 Research and Survey of Texts for Children and Adolescents 3 Credits
This course surveys developmental trends in texts for children and adolescents. Students will become knowledgeable about the theoretical and practical aspects of the study of the texts (both digital and print) available for youth and adolescents. Candidates will explore their own assumptions about text and the relationship to literacy development. Course participants will explore strategies for integrating print and non-print texts into the school curricula in ways that support youth and adolescent literacy development.

LITR 560 Writing Project at Rider 3 Credits
Examines theory, research, and practices in the teaching of writing K-12, with emphasis on improved practices in teaching writing as well as the personal writing of participants. Students investigate relevant local and national standards and curriculum, design, present, and respond to peer demonstration lessons in writing, and publish to the National Writing Project e-anthology. Further participation in NWP activities is encouraged and supported. This Invitational Summer Institute is part of the National Writing Project network. Project participants, called Summer Fellows, become Teacher Consultants upon completion of the Institute and are expected to maintain affiliation with the Project and to participate in the dissemination of professional development in writing instruction K-12 for all subject areas.

LITR 600 Independent Research and Study in Literacy Education 1-3 Credits
Course content is designed specifically to meet specific academic needs or interests of students who wish to engage in independent study related to literacy education.

SPED 500 The Inclusive Classroom: Effective Practices for General Education Teachers 3 Credits
This course is designed to introduce general education teachers to special education and the inclusive classroom. Students will explore current research, issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed.

SPED 512 Psychology of Exceptionality 3 Credits
This course provides opportunities for the study of school psychological issues associated with supporting students with exceptionalities. Philosophical, historical, and legal foundations of special education, and the characteristics of students with disabilities will be examined. Special education policy, legal foundations, and evaluation procedures are discussed. Current issues related to inclusive practice and intervention strategies are examined from a psychological and sociocultural perspective. An experience in the field will enable students to apply knowledge in a realistic classroom setting. This course, or its equivalent, will be the prerequisite for all other SPED courses.

SPED 514 Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs 3 Credits
This course is designed to provide extensive knowledge and practice in meeting the behavioral challenges of individuals through Applied Behavior Analysis for students with Autism Spectrum Disorder and other behavioral issues. Candidates will receive instruction in a problem-solving approach to identify the possible function(s) of problem behavior and the design of proactive, positive behavior intervention plans that emphasize the teaching of appropriate alternative skills. An emphasis is placed upon behavior change strategies, which intervene on antecedent events, teach appropriate alternative skills, and provide supports in the natural environment. Multi-component interventions also are designed to include the interest and preferences of the target student. Legal and ethical considerations are considered. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 524 Collaboration and Inclusive Practice for Students with Mild and Severe Disabilities 3 Credits
This course will emphasize curriculum planning, learning environments, materials, and modifications for students with mild and severe disabilities. Instructional and behavioral strategies to maximize learning of all students, including those with exceptional learning needs in the general education classroom will be examined. Inclusive educational practices including collaboration, communication and positive behavior supports and co-teaching will be discussed and applied for diverse learners. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 531 Assessment for Instruction in Special Education 3 Credits
In this course, standardized and functional assessments are emphasized. Students are introduced to basic educational assessment procedures, norm-referenced, criterion-referenced, and individually-referenced assessment in this course. An emphasis is placed on gathering information to answer specific referral questions, and the use of assessment tools, which meet legal and ethical guidelines. A model of academic assessment most consistent with classroom practices is emphasized. Students are expected to measure an individual's performance (e.g., current level of functioning) and provide recommendations for instruction and learning goals and objectives. A field experience will enable students to apply knowledge to practice.
Prerequisite(s): SPED 512.

SPED 539 Instructional Practices for Students with Disabilities 3 Credits
This course will give students the opportunity to evaluate, select, develop, and adapt instructional and assessment materials for individuals with mild to severe disabilities. Using various case studies, students will have the opportunity to develop an Individualized Education Program (IEP) and synthesize assessment information to make appropriate instructional decisions addressing learner characteristic and classifications. Curriculum planning, learning environments, modifications, and materials for diverse learner needs will be examined. Students will experience the collaborative process and develop their ability to function as part of an educational team. A field experience with children with disabilities will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 542 Literacy and Students With Special Needs 3 Credits
The course will provide an overview of theories, assessment, and intervention techniques for the literacy development of students with special instructional needs. Students will explore research validated methods for literacy development and instruction, including current strategies for teaching comprehension, composition, vocabulary, and language study. Management of literacy instruction is studied in a workshop setting. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

Teacher Leadership Professional Development Certificate

Program Overview

This 36-credit teacher leadership certificate provides mediated field placements, mentored internships, face-to-to face and online courses and experiences, and on-the-job training that build necessary skills in teacher leadership. Those teachers who complete the teacher leadership core,

which consists of seven core courses, will receive the Rider University Professional Development Certificate in Teacher Leadership.

Certificate Offered

- Teacher Leadership Professional Development Certificate

Contact

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Program Website: Teacher Leadership (https://www.rider.edu/academics/colleges-schools/college-education-human-services/graduate/teacher-leadership/)
Associated Department: Department of Graduate Education, Leadership, and Counseling (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-sciences/school-of-education/graduate-programs/)

Related Programs

- Teacher Leadership (p. 1440) (http://catalog.rider.edu//nextcatalog.rider.edu/graduate/colleges-schools/education/education-leadership-counseling/programs-certificates/teacher-leadership-ma/)
- Master of Arts in Teaching (p. 1452)
- Educational Leadership (p. 1397)
- Organizational Leadership (p. 1416)

Teacher Leadership Professional Development Certificate Requirements

(36 credits)

Code	Title	Credits
Teacher Leadership Core Courses		
CURR 552	Creative, Ethical Teacher Leadership	3
EDAD 505	Supervisor/Teacher Leadership for Improved Instruction and Student Learning	3
CURR 531	Strategies for Curriculum Development, Innovation and Change	3
CURR 538	Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners	3
EDAD 521	Using Research Strategies and Analysis of Data to Make Decisions in Schools	3
EDAD 511	Group Process in Supervision for Creative Change and Collaboration in Schools	3
EDAD 510	Seminar/Practicum in Teacher Leadership and Supervision	3
Concentration Options		
Select five courses from any of the Concentration Options listed :		15
English as a Second Language Education		
Inclusive Practices in Education		
Mathematics Education		
Principal		
Science Education		
Literacy		
Gifted Education and Creativity		
Total Credits		**36**

Courses and Descriptions

CURR 552 Creative, Ethical Teacher Leadership 3 Credits
In order to be effective, teacher leaders require in-depth understanding of the complex, threat-filled, 21st-century globalized environment that provides the context for their work. They must understand the problems, opportunities, and pressures generated by the current socioeconomic, political, and cultural system of the United States, which is characterized by dogmatism-saturated disputes over the purposes of education and the allocation of resources. In addition, they must appreciate the ways in which the larger forces of globalization influence these national trends and issues. Finally, they must understand the ways in which the principles of wise, ethical, intelligent, and creative leadership can help them and their colleagues in their efforts to maintain and strengthen student learning in these daunting conditions.

EDAD 505 Supervisor/Teacher Leadership for Improved Instruction and Student Learning 3 Credits
This course will explore the supervisory and evaluation practices in K-12 settings by examining and identifying the relationships among collegiality and collaboration, educational leadership, and the improvement of instruction. This course will emphasize the development of practical observation skills and approaches and the development of appropriate professional growth plans to enhance staff performance and bring about increased student learning. Multi-track evaluation programs will be examined as well as an analysis of current observation and supervisory approaches used in school districts. Participants in the course will develop a personal supervisory platform. This course will emphasize the development of collaborative and clinical supervision approaches as well as communication skills and interpersonal qualities of the effective supervisor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.
Prerequisite(s): Permission of Program Director.

CURR 531 Strategies for Curriculum Development, Innovation and Change 3 Credits
This course will address the importance of philosophy, historical precedents, learning theory, developmental theory, emerging social trends and issues, and recent trends in content knowledge as bases for designing and developing the K-12 curriculum. The articulation of curriculum aims and goals, the development and selection of learning experiences, the organization of learning experiences, and plans for evaluating curriculum outcomes are used as steps for developing the curriculum. Students investigate the roles teachers, teacher leaders, supervisors and administrators play in implementing curriculum designs in school settings. Students are expected to demonstrate course understandings through actual school applications and field experiences that are referenced to state and national standards.

CURR 538 Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners 3 Credits
This course establishes the implemented curriculum by establishing the relationship between curriculum goals and the instructional strategies needed to realize those purposes. Emphasis will be placed on analyzing and using various instructional models to meet the learning expectations embodied in curriculum goals and core curriculum content standards from pre-school to high school. Students will examine instructional strategies from the perspectives of assessing research findings on effective practices, realizing curriculum standards, adapting the classroom to diverse learner needs, establishing appropriate staff development agendas, and providing forms of supervisory support to optimize learning and achievement. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, and national school leadership standards.
Prerequisite(s): CURR 531.

EDAD 521 Using Research Strategies and Analysis of Data to Make Decisions in Schools 3 Credits
This course will develop the skills needed by educational leaders at all levels to interpret, use, and apply statistical concepts and research methodologies in critical administrative and supervisory functions. Statistical methodology will be used to further understanding of different research strategies. Students will interpret data and make informed decisions regarding the frameworks, implementation, and evaluation of instructional programs and practices designed to improve teaching and learning in school, district, and national settings. Course activities and field work will include: scenario and case study analyses; the use of critical friends' discussion groups; the application and use of different technologies and software programs; and, the identification of appropriate problem solving and resolution strategies. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501 and EDAD 514.

EDAD 511 Group Process in Supervision for Creative Change and Collaboration in Schools 3 Credits
This course will apply theory and research to the supervisory function of developing group capacity in educational settings. Students will identify group process "best practices" to be modeled by educational leaders. Candidates will develop and refine techniques, strategies, and personal skills facilitating the development of helping and caring relationships with faculty and staff, while promoting interactive communication with stakeholders concerned with improving teaching and learning. Students will demonstrate effective supervisory behaviors in class sessions and simulations that represent daily challenges and opportunities present in school settings. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 505.

EDAD 510 Seminar/Practicum in Teacher Leadership and Supervision 3 Credits
This course requires the student to self-assess supervisory leadership strengths for the purpose of establishing an agenda for an extensive site-based internship. The internship agenda is guided by national leadership standards that ensure a comprehensive exposure to supervisory responsibilities. Students deepen their understanding of supervisory theory and best practice and apply this knowledge to the development and refinement of a personal leadership platform. Considerable attention is placed on understanding the ethical basis of supervisory practice. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.
Prerequisite(s): CURR 531, CURR 532 or CURR 538, EDAD 505, and Permission of Program Director.

Teaching English to Speakers of Other Languages (TESOL) at the Graduate Level

Program Overview

At the graduate level, the Teaching English to Speakers of Other Languages (TESOL) Program is offered to post-baccalaureate students looking to teach English to adult learners. The TESOL program consists of 9 credits that include courses in culture, linguistics, and teaching methods with 20 hours of field experience.

Certificate Offered

- Teaching English to Speakers of Other Languages (TESOL) Certificate

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Teaching English to Speakers of Other Languages (TESOL) Program Requirements

(9 credits)

Code	Title	Credits
Complete the following courses:		
One linguistics course:		
EDUC 520	Introduction to Linguistics and Psycholinguistics	3
One methods course:		
EDUC 521	Teaching a Second Language	3
One culture course from the following:		3

LITR 508	Literacy and the Bilingual/Bicultural Child	
CURR 548	Curriculum and Instruction for Diverse Learners	
EDUC 560	Educating and Evaluating the Bilingual Child	
Total Credits		**9**

Courses and Descriptions

CURR 548 Curriculum and Instruction for Diverse Learners 3 Credits
This course will examine the curricular and instructional issues that educational leaders must address in accommodating the school program to the needs and abilities of diverse learners. A historical perspective will be developed with an emphasis on how schools have responded to meet the needs of the exceptional child. Legal issues and programmatic trends will be examined and assessed since the inception of the Individuals with Disabilities Education Act. Multicultural issues will be introduced within the context of school and society. The responsibility of the educational leader in fostering a multicultural perspective pertaining to curriculum and instruction, governance, bias and prejudice and school climate and culture will be emphasized. Students will identify and develop curricular possibilities and solutions in school settings to accommodate learners' diverse needs. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, state adopted core curriculum content standards, professional development standards, standards and national school leadership standards.
Prerequisite(s): CURR 531, CURR 538.

EDUC 520 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester.

EDUC 521 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification.

EDUC 560 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

Teaching (M.A.T.)

Program Overview

The Master of Arts in Teaching (MAT) is a 30-credit degree program that incorporates work completed during the initial teacher preparation phase of candidates' development while adding broad professional knowledge about innovative curriculum design, inclusive practices, and data-based decision making in teaching and learning. The program is open to candidates from Rider's Post-Baccalaureate Teacher Certification Program.

In addition to earning the MAT degree, candidates may apply coursework and credits to other Master's programs, endorsements, and/or professional development certificates offered through the Department of Graduate Education, Leadership, and Counseling.

Students may take much of the initial coursework for the MAT degree by completing one of the initial teacher certification programs through the Post-Baccalaureate Teacher Certification Program:

- Comprehensive Business (K–12) (p. 1384)
- Dance (K-12) (p. 1389)
- Early Childhood (P-3) (p. 1395)
- Elementary (K–6) (p. 1401)
- English as a Second Language/ESL (K-12) (p. 1405)
- English (K–12) (p. 1402)
- Mathematics (K–12) (p. 1409)
- Music (K-12) (p. 1410)
- Science Certificate in Biological Science, Chemistry, Earth Sciences, Physical Science, and/or Physics (K-12) (p. 1428)
- Social Studies (K–12) (p. 1429)
- Theater (K-12) (p. 1453)
- World Languages Certificate in French or Spanish (K–12) (p. 1455)

Degree Offered

- MAT (Master of Arts in Teaching)

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Teaching (M.A.T.) Program Requirements

Complete one of the following teacher certification sequences and then complete the additional required courses:

- Comprehensive Business (K-12) (p. 1384)
- Dance Education (p. 1389)
- Early Childhood Teacher (Preschool - Grade 3) (p. 1395)
- Elementary Education (K-6) (p. 1401)
- English as a Second Language (p. 1405)
- English Language Arts Education (K-12) (p. 1403)
- Mathematics Education (K-12) (p. 1409)
- Music Education (K- (p. 1410)12) (p. 1428)
- Science Education (K-12) (Biological Sciences, Chemistry, Earth Sciences and/or Physics) (p. 1428)
- Social Studies (K-12) (p. 1429)
- Theater Education (p. 1453)
- World Languages (K-12) (French or Spanish) (p. 1455)

Code	Title	Credits
Additional Required Courses		
CURR 531	Strategies for Curriculum Development, Innovation and Change	3
SPED 500	The Inclusive Classroom: Effective Practices for General Education Teachers	3
or CURR 538	Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners	
or CURR 548	Curriculum and Instruction for Diverse Learners	
EDAD 521	Using Research Strategies and Analysis of Data to Make Decisions in Schools	3
Total Credits		**9**

- Meet general master's degree requirements;
- Successful completion of all academic requirements;
- Completion of 30 graduate credits with a minimum GPA of 3.00; and,
- Successful demonstration of professional dispositions and behavior.

Courses and Descriptions

CURR 541 Assessment and Student Learning 3 Credits
This course provides hands-on opportunities to create and design varied classroom assessments that help teachers align their teaching goals with student learning goals. With a focus on NJ Student Learning Standards across the curriculum content areas and grade levels, assessments will be designed for use in individual teaching practice and with a variety of diverse learners. Topics include designing assignment rubrics and effective essay prompts as well as developing evaluation criteria.
Prerequisite(s): CURR 510, CURR 700.

CURR 650 Understanding Gifted Learners 3 Credits
The course explores the ways in which the gifted and talented can differ from more typical learners in terms of their cognition, social-emotional dimensions, behavior, and long-term development. It focuses on theories of intelligence, differing conceptions of giftedness and talent development, and learning processes. Some specific topics include underachievement, perfectionism, dual exceptionality, gender issues, and underserved populations. The course also addresses the ways in which gifted education can evolve to fit the demands and opportunities embedded in complex, 21st-century socioeconomic, cultural, and technological contexts.

CURR 548 Curriculum and Instruction for Diverse Learners 3 Credits
This course will examine the curricular and instructional issues that educational leaders must address in accommodating the school program to the needs and abilities of diverse learners. A historical perspective will be developed with an emphasis on how schools have responded to meet the needs of the exceptional child. Legal issues and programmatic trends will be examined and assessed since the inception of the Individuals with Disabilities Education Act. Multicultural issues will be introduced within the context of school and society. The responsibility of the educational leader in fostering a multicultural perspective pertaining to curriculum and instruction, governance, bias and prejudice and school climate and culture will be emphasized. Students will identify and develop curricular possibilities and solutions in school settings to accommodate learners' diverse needs. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, state adopted core curriculum content standards, professional development standards, standards and national school leadership standards.
Prerequisite(s): CURR 531, CURR 538.

SPED 504 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

Theater (K-12)

Program Overview

The Post-Baccalaureate Teacher Certification Program in Theater Education (K-12) is designed for college graduates seeking initial teacher certification in the subject area of Theater. The streamlined yet rigorous program of professional teacher preparation studies combines theory, research, field experience, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per

semester. The clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program may be applied toward completion of the 30-credit Master of Arts in Teaching (MAT). (p. 1452)

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in TheaterEducation is a 21-graduate credit program requiring teacher preparation courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- Theater Education (K-12)

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Related Program

- Teaching (M.A.T.) (p. 1452)

Theater Education (K-12) Certificate Requirements

(21 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 704	Inclusive Methods for Teaching English Language and Theater Arts	3
CURR 720	Inclusive Curriculum Design & Instruction	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional Requirements:

- Completion of all courses before final clinical experience (student teaching) with a "C+" or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a "C+" grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 704 Inclusive Methods for Teaching English Language and Theater Arts 3 Credits
This course provides experience with various methods of teaching and learning integrated English language and theater arts and with diverse adolescent students. Teacher candidates explore methods, classroom management, and strategies for teaching and learning through reading/literature, language development, writing/composing processes, representing and performing, speaking, listening, and viewing/creating media. Candidates design curriculum and assessments using NJ Student Learning Standards for Language Arts Literacy and Theatre and Visual Arts curriculum standards. Aligned with NCTE's Guidelines for the Preparation of Teachers of English Language Arts, the course uses collegial collaboration during the review of student work, co-planning curriculum and assessment in the development of employability skills such as collaborative planning, teaching, and assessment review. A field-based middle school partnership embedded in the course allows candidates to work with a range of diverse students and explore implications for teaching, learning, and providing access to the general curriculum for all students.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

World Languages Certificate in French or Spanish (K-12)

Program Overview

This Post-Baccalaureate Teacher Certification Program in World Languages (K-12) is designed for college graduates seeking initial teacher certification in French or Spanish. The streamlined yet rigorous program of professional studies combines the best of theory, research, and practice. It is designed for part-time students who take one or two late afternoon/evening courses per semester. The final clinical experience (student teaching and seminar) at the end of the program requires full-time enrollment for one semester.

The course work in this program counts toward completion of the Master of Arts in Teaching (MAT) (p. 1452).

Curriculum Overview

The Post-Baccalaureate Teacher Certification Program in World Languages (French or Spanish) is a 21 credit graduate program requiring four courses taken in late afternoons/evenings followed by a semester of full-time student teaching.

Certificate Offered

- World Languages Certificate in French or Spanish (K-12)

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Related Programs

- Teaching (M.A.T.) (p. 1452)

World Languages Certificate in French or Spanish (K-12) Requirements

(21 credits)

Code	Title	Credits
CURR 700	Educational Foundations for Inclusive Practices	3
CURR 703	Inclusive Literacy Practices Across Content Areas	3
CURR 720	Inclusive Curriculum Design & Instruction	3
EDUC 521	Teaching a Second Language	3
CURR 770	Clinical Experience and Seminar in Teaching	9
or CURR 771	Supervised Clinical Experience in Teaching	
Total Credits		**21**

Additional requirements for completion

- Completion of all courses before the clinical experience (student teaching) with a “C+” or better in each course and with a 3.0 grade point average.
- Completion of CURR 770 or CURR 771 with a “C+” grade or better.

Courses and Descriptions

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

EDUC 521 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

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College of Arts and Sciences

The College of Arts and Sciences (https://www.rider.edu/academics/colleges-schools/college-liberal-arts-sciences/) (CAS) offers advanced degrees designed to build professional success in a variety of organizational settings. With programs in Applied Psychology, Business Communication, Cybersecurity, Homeland Security and more, graduate programs in CAS focus on refining essential skillsets for data analysis and its critical application, for career advancement and personal growth. A Master's degree from Rider will connect cutting-edge curricula with real-world learning opportunities resulting in a unique and enriching educational experience.

Graduate Programs in the School of Humanities and Social Sciences

Graduate Programs in the School of Science, Technology and Mathematics (p. 1458)

Graduate Programs in Westminster Choir College (p. 1458)

General Policies (p. 1458)

Graduate Programs in the School of Humanities and Social Sciences

Adult Services and Behavioral Gerontology (p. 1459)
This certificate focuses on important issues that individuals with Autism Spectrum Disorder—as well as their families and the clinicians who work with them—face across the individual's lifespan from the transition to adulthood through retirement. This program is offered in person or online.

Masters in Applied Psychology (https://www.rider.edu/psych-and-counseling-programs/?utm_medium=google&utm_source=cpc&utm_campaign=gr_adm_sh_2223_graduate_counseling&gclid=CjwKCAjwvdajBhBEEiwAeMh1UwbrKBSmNmwlHqk0EQDgg9GM
The M.A. in Applied Psychology: Applied Behavior Analysis (ABA) prepares students to excel in professional careers as scientist-practitioners. By challenging students to use a scientific lens when creating and evaluating clinical interventions, and to use an applied lens when designing research, this program will ensure that students are prepared to achieve success in behavior analytic employment, or to pursue further education upon completion of the program. This program is offered in person or online.

Graduate Programs in the School of Science, Technology and Mathematics

Masters in Cybersecurity (p. 1468)
The M.S. in Cybersecurity will provide students with the expert knowledge and technologies needed to detect, investigate, and prevent computer-related crimes, and to examine the theory, best practices, and methodologies to conduct computer forensics investigations. Students pursuing this degree will bring to the job a powerful combination of a traditional liberal arts education with foundational knowledge and technical training needed to excel in the cybersecurity field. This program is offered in person or online.

Master of Science and post-master's certificates in Nursing (p. 1471)
Rider's online Master of Science in Nursing (M.S.N.) and post-master's certificate programs will provide students with the skills, experience, and credentials to excel as nurse practitioners. These programs prepare students to provide equitable, evidence-based, person-centered care to diverse communities. With advanced clinical expertise, students will establish themselves as transformational leaders on teams in integrated healthcare systems. These programs offer three, high-demand, nurse practitioner concentrations: adult-gerontology primary care, family, and psychiatric-mental health.

Graduate Programs in Westminster Choir College

Choral Conducting (p. 1466)
The graduate choral conducting program, generally a two-year program, trains conductors to be marketable and effective musicians. Westminster offers a balance of academic and performance opportunities. Graduate conducting majors take a core of research, literature, conducting, pedagogy and ensemble. Applied study and ensemble conducting offer each candidate the opportunity to work with the conducting faculty. Candidates must successfully complete a comprehensive oral exam before a degree is conferred. Graduate Conducting majors are admitted by audition in order to assure quality conducting experiences and contact with the graduate faculty. This program is offered in person or online.

Choral Pedagogy (p. 1464)
The Master of Choral Pedagogy curriculum includes courses in voice science, choral rehearsal pedagogy, choral literature, and music education. It emphasizes the process of rehearsing, the psychology of learning, and educational philosophy. This program is offered in person or online.

Music Education (p. 1478)
The Master of Music Education program is for music teachers who wish to complete graduate study in three to four summers or in two academic years. Students may also combine summer and academic terms to accelerate completion. The degree is for those who hold an undergraduate degree in music education and a teaching certificate. Students do not earn teacher certification through this degree program. This program is offered in person or online.

Sacred Music (p. 1480) **or** Sacred Music Practical Pedagogy Track (p. 1483)
The graduate sacred music program provides advanced training for church musicians from a wide variety of educational, professional, and denominational backgrounds. It is expected that applicants for this program will bring a thorough grounding of musical knowledge and significant experience in full- or part-time music ministry. The curriculum includes general as well as specialized courses in sacred music studies, theology, history, musicology, and applied skills. Sacred Music is offered in person or online; the Practical Pedagogy Track is offered online only.

Voice Pedagogy and Performance (p. 1485)
The voice program seeks to develop the musician by establishing a sound vocal technique and a thorough understanding of the singing voice, its literature and pedagogy. These tools are essential for the study and performance of vocal and choral literature and for training students as solo performers, professional teachers or choral conductors. Capitalizing upon undergraduate work, students continue to build and demonstrate healthy vocal technique while deepening their knowledge of voice literature and pedagogy. Students develop a strong understanding of the complex relationships between music and poetry. This program is offered in person.

Voice Pedagogy: Classical Track Online (p. 1487) **or** Musical Theater Track (p. 1489)
Westminster's Master of Voice Pedagogy program is offered entirely online and is specifically designed to serve the needs of professional singers, voice teachers, school music teachers, and voice coaches who want advanced training in the art and science of voice teaching. The Classical Track is offered online only; the Musical Theatre Track is offered in person or online.

General Policies

Undergraduate Students Taking Graduate Courses

Students who are eligible to take CAS graduate courses during their senior year must have a minimum cumulative GPA of 3.0. Under most circumstances, up to six credits of graduate courses may be taken as an undergraduate and would be included in the regular, full-time tuition fee. These credits may be applied to the undergraduate degree requirements, including in the calculation of undergraduate GPA. Should the student matriculate into the CAS graduate program, these credits, but not the grades, would be subsequently transferred to the graduate transcript.

Students enrolled in Rider's Accelerated B.A./M.A. in Counseling Services and Accelerated B.A./M.A. in Clinical Mental Health Counseling will be allowed to take up to 15 credits of graduate coursework during their senior year that counts toward both the bachelor's and master's degrees. These credits, but not the grades, would be subsequently transferred to the graduate transcript. For students in the Accelerated B.A./M.A. in Counseling Services and Accelerated B.A./M.A. in Clinical Mental Health Counseling programs earning a B.A. degree in Psychology a maximum of 6 graduate credits may be applied to their major requirements.

Students admitted to the Bachelor of Music Education / Master of Music Education (BM/MME) 4 + 1 degree program are permitted to take 600-level courses once they attain junior status (60 or more earned credits) and 700-level courses when they reach senior status (90 or more earned credits). Students must maintain an undergraduate GPA of 3.0 or above in order to take graduate-level courses.

Programs and Certificates

College of Arts and Sciences

School of Science, Technology and Mathematics (p. 1459)
School of Humanities and Social Sciences (p. 1459)
Westminster Choir College (p. 1459)

School of Science, Technology and Mathematics

Program	Degree	Certific	Concentration
Cybersecurity (p. 1468)	✓	✓	
Adult-Gerontology Primary Care Nurse Practitioner (p. 1471)	✓	✓	
Family Nurse Practitioner (p. 1471)	✓	✓	
Psychiatric-Mental Health Nurse Practitioner (p. 1471)	✓	✓	

School of Humanities and Social Sciences

Program	Degree	Certific	Concentration
Adult Services and Behavioral Gerontology Certificate (p. 1459)		✓	
Applied Psychology (M.A.) (p. 1460)	✓		

Westminster Choir College

The following programs are offered both online or in person unless noted below.

Program	Degree	Certific	Concentration
Choral Conducting (M.M.) (p. 1466)	✓		
Choral Pedagogy (M.C.P.) (p. 1464)	✓		
Music Education (M.M.E.) (p. 1478)	✓		
Sacred Music (M.M.) (p. 1480)	✓		
Sacred Music (M.M.) Practical Pedagogy Track (online only) (p. 1483)	✓		
Voice Pedagogy and Performance (in person only) (p. 1485)	✓		
Voice Pedagogy (M.V.P.) Classical Track (online only) (p. 1487)	✓		
Voice Pedagogy (M.V.P.) Music Theater Track (p. 1489)	✓		

Adult Services and Behavioral Gerontology Certificate

Overview

Individuals aged 22+ represent the fastest growing segment of the population within the Autism spectrum disorder (ASD) community, and although funding is limited, the need for services related to employment, secondary education, recreation, leisure, community integration, daily living, retirement planning, etc. is not diminished. Furthermore, there is a paucity of information about the emerging applications for ABA as individuals with ASD—a neurodevelopmental disorder—start to encounter the effects of aging and neurodegeneration, such as dementia, ataxia, and Parkinson's Disease.

This 12-13 credit certificate explores the wide variety of important issues that individuals with ASD—as well as their families and the clinicians and other service providers who work with them—face across the lifespan, from the transition to adulthood through retirement.

Certificate Offered

- Certificate in Adult Services and Behavioral Gerontology

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Requirements for the Adult Services and Behavioral Gerontology Certificate

(12-13 credits)

Admission Requirements

To be admitted into the certificate program, students must meet one of the following conditions:

1. You are a current master's program student and have completed PSY 510; or
2. You are a professional returning for continuing education and are a BCaBA, BCBA, BCBA-D in good standing.

Code	Title	Credits
Required Courses:		
PSY 540	Aging, Health, and Behavioral Gerontology in Autism	3
PSY 541	Employment and Vocational Skills for Adults with Autism	3
PSY 542	Support Services, Habilitation, and Independent Living for Adults with Autism	3
PSY 543	Practicum in Applied Behavior Analysis for Adults with Autism	3-4
Total Credits		**12-13**

Courses and Descriptions

PSY 540 Aging, Health, and Behavioral Gerontology in Autism 3 Credits
The course provides an overview of adult lifespan development, aging in the autism population, physical and mental health issues for adults with autism, and recent research in behavioral gerontology. Students will have the opportunity to practice reviewing, discussing, and interpreting research methodology, results, and potential areas for future research. This course is part of the Adult Services and Behavioral Gerontology sequence designed to prepare graduate students and behavior analysts for careers focused on serving adults with autism spectrum disorders (ASD).
Prerequisite(s): PSY 510 or BCaBA or BCBA certified professionals in good standing.

PSY 541 Employment and Vocational Skills for Adults with Autism 3 Credits
This course will provide an overview of the skills and competencies that influence the acquisition and maintenance of competitive employment for adults with developmental disabilities. Topics will include vocational planning, the importance of choice when selecting employment opportunities, social competence on the job, the development and implementation of support strategies, programming for the generalization and maintenance of work behavior, fading supervision and support, and collaborating with parents, family members, co-workers, and employers. Students will use information obtained from lectures and reading assignments to design and write individualized programs addressing employment and life-skills for adults with disabilities. This course is part of the Adult Services and Behavioral Gerontology sequence designed to prepare graduate students and behavior analysts for careers focused on serving adults with autism spectrum disorders (ASD).
Prerequisite(s): PSY540.

PSY 542 Support Services, Habilitation, and Independent Living for Adults with Autism 3 Credits
This course covers 1) extant services and resources for adolescents and adults with ASD, 2) supervision, management, and training of support staff who work with adults with ASD, and 3) assessment and teaching of skills adults with ASD need to live independent, self-sufficient, and fulfilling lives. Throughout the course we pay special attention to issues surrounding personal liberties, choice making, and self determination. Students will have the opportunity to navigate support services, propose empirical research focused on training staff using Behavioral Skills Training, and construct individualized skill acquisition programs. This course is part of the Adult Services and Behavioral Gerontology sequence designed to prepare graduate students and behavior analysts for careers focused on serving adults with autism spectrum disorders (ASD).
Prerequisite(s): PSY 540.

PSY 543 Practicum in Applied Behavior Analysis for Adults with Autism 3-4 Credits
This course is part of the Adult Services and Behavioral Gerontology sequence designed to prepare graduate students and behavior analysts for careers focused on serving adults with autism spectrum disorders (ASD). Students will have frequent, direct, onsite supervision of behavior analytic activities in settings for adults with autism. Students will have the opportunity to apply the skills acquired in coursework.
Prerequisite(s): PSY 540, PSY 541, PSY 542.

Applied Psychology (M.A.)

Program Overview

The Master of Arts in Applied Psychology: Applied Behavior Analysis (ABA) is intended to provide students with theoretical and practical knowledge in applied behavioral psychology while also providing general understanding of how psychology relates to ABA practice.

Applied behavior analysis is the application of the science of motivation and learning to describe, explain, predict, and change individual behavior. ABA is used in educational settings, organizational settings (e.g., job training, performance assessment, task analysis and training), behavior change related to health outcomes (e.g., compliance with medication, addictions, feeding problems, exercise, etc.) and most often in interventions with individuals with autism spectrum disorders or other developmental disabilities.

Mission Statement

The Master of Arts in Applied Psychology: Applied Behavior Analysis (ABA) prepares students to excel in professional careers as scientist-practitioners. By challenging students to use a scientific lens when creating and evaluating clinical interventions, and to use an applied lens when designing research, this program will ensure that students are prepared to achieve success in behavior analytic employment, or to pursue further education upon completion of the program.

National Certification in Behavior Analysis

The Association for Behavior Analysis International (ABAI) has verified Rider University's ABA core course sequence as providing the content hours under the Behavior Analyst Certification Board, Inc. (http://www.bacb.com/)® (BCBA) 5th Edition Task List and meeting the coursework requirements for eligibility to take the Board Certified Behavior Analyst Examination®. Applicants will have to meet additional requirements to qualify.

Admission Status

Upon completion of the steps in the application procedure, the applicant will be assigned to one of the following classifications once admitted:

Graduate Standing
- The student is qualified to undertake graduate study and must apply for matriculated status when eligible;

Conditional Standing
- The student either has not satisfied all of the admission requirements or has not completed all of the undergraduate preparatory requirements or both and may be permitted to engage in studies during a probationary period;

Special Standing
- The student does not plan to matriculate in a Rider graduate degree.

Transfer of Credits

Upon acceptance to the Master of Arts in Applied Psychology: Applied Behavior Analysis program, students may request transfer of up to nine semester hours of graduate credits completed at an accredited institution. These credits must have been earned within six years of the date of credit transfer approval. All transfer credits must be approved by the Applied Psychology Steering Committee. Courses accepted for

transfer must be similar to required or elective courses that are approved for the respective program, and a grade of at least “B” must have been earned in each of these courses.

Academic Standing

A minimum grade of "B" is required to obtain credit toward graduation. A grade of "B-" or lower will not count toward graduation credits. A GPA of 3.0 must be maintained to remain in good academic standing. Students whose GPA falls below 3.0 will be placed on Conditional Standing.

Course Repeat Policy

Students may not repeat any graduate course for credit that they have already taken, except a course in which they have received a grade lower than “B” or one from which they withdrew. Any exceptions must be approved by the department chair.

Dismissal

Rider University reserves the right to dismiss any student when, in the judgment of the faculty or the officers of Rider, such action seems advisable. Any of the following situations will result in the automatic dismissal of a student working toward a graduate degree or certification program in Applied Psychology:

- Receiving two grades of “B-” or lower in two graduate courses;
- Not attaining a grade point average of 3.0 after taking 12 or more graduate credits at Rider University;
- Failure to complete the program within the required 6 years.

Graduation Requirements

To graduate, students must have completed all the requirements for the degree within 6 years of enrolling in the program, have a GPA of 3.00 or higher, and have submitted the degree application for graduation form to the Dean's office.

Graduation with Distinction

Students who graduate with an overall grade point average of 3.85 or higher are designated as graduating with distinction. This term appears on the student's official transcript, below the student's name in the commencement program, and on the diploma.

Degree Offered

- M.A. in Applied Psychology

Contact

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Program Website: M.A. in Applied Psychology (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/humanities-social-sciences/faculty-departmentss/psychology/)

Associated Department: Department of Psychology (http://www.rider.edu/academics/colleges-schools/college-liberal-arts-education-science/liberal-arts-programs/psychology/)

Applied Psychology M.A. Program Requirements

(36 credits)

Code	Title	Credits
Core Curriculum Requirements		
PSY 509	Principles of Behavior	3
PSY 513	Functional Assessment	3
PSY 514	Single Subject Research Design and Analysis	3
PSY 516	Ethics for Behavior Analysts	3
PSY 518	Organizational Behavior Management	3
PSY 519	Models of ABA Instruction	3
PSY 520	Interventions for Challenging Behavior	3
PSY 523	Theory and Philosophy in Behavior Analysis	3
Electives		
Select four of the following courses:		12
PSY 521	Supervision and Management in ABA	
PSY 522	Recent Research in ABA	
PSY 550	Behavior Analytic Approaches to Health and Physical Activity	
PSY 551	Behavioral Appro to Addiction	
PSY 595	Selected Topics in Applied Psychology [1]	
PSY 690	Independent Research and Study	
Thesis (optional - replaces 2 electives) [2]		
PSY 700	ABA Thesis I	
PSY 701	ABA Thesis II	
PSY 702	ABA Thesis III	
Optional Course (3 additional credits) [3]		
PSY 720	Practicum in ABA	
Total Credits		**36**

1

Topics change each semester. Students may take up to 12 credits in Special Topics courses.

2

Students opting to complete a thesis will take a minimum of 37 credits.

3

Students opting to complete a practicum will take an additional 3 to 6 credits.

Accelerated Program for the Masters in Applied Psychology

The Accelerated Program for the Masters in Applied Psychology, Applied Behavior Analysis concentration is designed for students who wish to combine undergraduate study in psychology leading to a Bachelor’s of Arts degree with graduate study leading to a Masters of Arts in Applied Psychology.

The admission process for this program ensures that only capable students are enrolled. Freshman students are encouraged to seek advice about the program from their advisor and the program coordinator. The

following courses must be completed if the student intends to apply to the program:

- PSY 212 Intro to Applied Behavior Analysis
- PSY 299 Field Placement in Applied Behavior Analysis. This course is intended to assist the student in determining if the program is a good match for them.

During the first semester of the junior year, the student will formally apply to the Applied Psychology program through the Graduate Admissions Office. The process involves the following:

- A completed application form for admission to the Applied Psychology program, accompanied by a $50 nonrefundable application fee;
- Receipt of official transcripts from every college or university attended (including Rider University);
- Two letters of reference from professors or supervisors of relevant work or internship experience;
- A statement of objectives prepared by the student that presents the student's reasons for wanting to enter the Applied Psychology program;
- An interview with faculty from the Applied Psychology program; and
- Completion of required 200 level courses.

Students accepted into the Applied Psychology program at the end of their junior year will complete one graduate level elective course during each semester of their senior year.

Additional Applied Behavior Analysis courses are offered at the undergraduate level. While not required, it is recommended that students accepted into the Applied Psychology program as an accelerated student take the following:

- PSY 339 Research Methods in Applied Behavior Analysis
- PSY 388 Learning and the Experimental Analysis of Behavior
- PSY 389 Professional Issues in ABA

Students will be awarded the BA degree when they complete the requirements for that degree in psychology. The MA will be awarded upon completion of the Applied Psychology graduate program requirements.

Academic Plan of Study

The following educational plan is provided as a sample only. Students may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Fall Cohort

Course	Title	Credits
Year 1		
Fall Semester		
PSY 510	Course PSY 510 Not Found	3
PSY 595	Selected Topics in Applied Psychology	3
	Semester Credit Hours	**6**
Spring Semester		
PSY 511	Course PSY 511 Not Found	3
PSY 514	Single Subject Research Design and Analysis	3
	Semester Credit Hours	**6**
Summer Semester		
PSY 516	Ethics for Behavior Analysts	3
PSY 522	Recent Research in ABA	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
PSY 519	Models of ABA Instruction	3
PSY 520	Interventions for Challenging Behavior	3
	Semester Credit Hours	**6**
Spring Semester		
PSY 518	Organizational Behavior Management	3
PSY 513	Functional Assessment	3
	Semester Credit Hours	**6**
Summer Semester		
PSY 550	Behavior Analytic Approaches to Health and Physical Activity	3
PSY 521	Supervision and Management in ABA	3
	Semester Credit Hours	**6**
	Total Credit Hours for Graduation	**36**

Courses and Descriptions

PSY 510 Course PSY 510 Not Found Credits

PSY 511 Course PSY 511 Not Found Credits

PSY 513 Functional Assessment 3 Credits
This course is designed to provide knowledge and skills of methodologies to conduct a thorough behavioral assessment, interpret the assessment data, and identify goals for treatment. Topics will include direct observation/data collection methods, data analysis, functional assessment, stimulus preference and reinforcer assessments, and ethical and professional issues. The second half of the course will deal specifically with functional analysis including the history of and variations to the methodology. The relationship between assessment techniques and the development of the least-restrictive but most effective behavioral intervention will also be discussed.
Prerequisite(s): PSY 510, PSY 511.

PSY 514 Single Subject Research Design and Analysis 3 Credits
Students will be introduced to the basic evaluative methods used in behavior analysis including various models of single subject design such as multiple baselines, reversal designs, and alternating treatment models. Students will design analyses, collect data, graphically display their data, and provide an analysis of findings. Students will read original behavior analytic research articles and practice analysis of findings.

PSY 516 Ethics for Behavior Analysts 3 Credits
This course will familiarize the student with ethical issues and responsibilities of behavior analysts working in applied settings. Informed consent, due process, protection of confidentiality, and selection of least intrusive, least restrictive behavior change procedures will be presented and discussed within the context of case method. Ethical decision making processes will be emphasized, and the relationship between ethics and law will be explored.

PSY 518 Organizational Behavior Management 3 Credits
This course will provide an overview of research and practice in the field of Organizational Behavior Management (OBM), also referred to as Performance Management in organizational settings. Performance Management is a behaviorally-based area of specialization within the broad field of Industrial-Organizational Psychology. The concepts and techniques used in Performance Management originated from the field of behavior analysis.

PSY 519 Models of ABA Instruction 3 Credits
This course provides students with a general knowledge of the different procedures used to teach new skills and new behaviors in the field of applied behavior analysis. Areas covered will include the assessment of relative strengths and deficits, use of discrete-trial and naturalistic teaching procedures, use of reinforcement procedures to strengthen behaviors, use of motivating operations and discriminative stimuli, use prompting and prompt-fading procedures to transfer stimulus control, use of shaping procedures to teach new behavior, use of task analysis and chaining procedures to teach new behaviors, use of precision teaching and fluency-based instruction, and use of personalized systems of instruction. Additionally, various components of the aforementioned areas will be integrated and culminate in two modules: one designed to teach communicative behavior and the other to perform discrimination training.
Prerequisite(s): PSY 510.

PSY 520 Interventions for Challenging Behavior 3 Credits
Students will review principles of behavior in the context of application to functional assessment and treatment of socially significant problem behavior. Topics including extinction, functional communication training, differential reinforcement, choice, environmental manipulations, and punishment will be covered. Students will move through the process of developing function-based interventions and writing behavior plans.
Prerequisite(s): PSY 510 and PSY 513 (or co-req).

PSY 521 Supervision and Management in ABA 3 Credits
This course provides students with skills needed to provide supervision and management in the field of applied behavior analysis. Students will apply the basic principles of behavior analysis to supervision and management of their staff and trainees. Areas covered include establishing performance expectations, selecting supervision goals based on assessment of current skills, how to train personnel to competence, performance monitoring and feedback, functional assessment and function-based strategies of personnel behavior, and how to evaluate the effects of supervision. Additional areas of discussion will include professional behavior, leadership, ethics, and professional development.
Prerequisite(s): PSY 510, PSY 511, PSY 513 and PSY 514.

PSY 522 Recent Research in ABA 3 Credits
This course provides an overview of recent behavior analytic research. Topics will vary semester to semester to capture changes in the field as they occur. Students will have the opportunity to practice reviewing, discussing, and interpreting research methodology, results, and potential areas for future research.
Prerequisite(s): PSY 510.

PSY 550 Behavior Analytic Approaches to Health and Physical Activity 3 Credits
The application of behavior analytic methods, practices, and principles has been demonstrated through research and clinical applications to be effective at changing health and fitness behavior. This course will provide an overview of research and practice in applying behavior analytic principles to changing health behavior and physical activity. Behavior change across various populations will be covered including both adults and children with and without disabilities. Discussion will focus on both functional assessment as well as interventions effective at changing health and physical activity including self-management, self-monitoring, goal setting, contingency management, etc. Students will spend the semester implementing self-management projects for their own health and/or fitness behavior.

PSY 551 Behavioral Appro to Addiction 3 Credits
Evidence from laboratory and clinical settings suggests that addiction can be conceptualized and effectively treated through the application of principles of conditioning. This course provides an overview of behavior analytic research in understanding and intervening on addictive behavior. Behavioral technologies for change regarding substance-related and behavioral addiction will be covered.
Prerequisite(s): Graduate students in Applied Psychology.

PSY 595 Selected Topics in Applied Psychology 3 Credits
Students will actively engage in an in-depth inquiry into a special topic area concerning applied psychology. Though the topics will change, students will be required to read and discuss current literature as well as considering the application of tools of the discipline to research questions of their own.

PSY 690 Independent Research and Study 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. Permission of Instructor.

PSY 700 ABA Thesis I 1 Credits
The expectation of the thesis experience is for students to generate a scholarly work of professional presentation and/or publication quality. In Thesis 1, students will first complete a comprehensive survey of the research literature in a particular area within applied behavior analysis. They will then develop a research question and methodology using the principles of ABA and an appropriate single-case research design. Prerequisite(s): PSY 510, PSY 511. Co-Requities(s): PSY 514.

PSY 701 ABA Thesis II 3 Credits
In Thesis II, the student will finalize their research proposal and present to members of the MAP. ABA thesis committee. Following any recommended revisions, the proposal will be submitted to the IRB for approval. Once IRB approval is obtained, the student will recruit participants, obtain informed consent, and begin data collection.
Prerequisite(s): PSY 510, PSY 511, PSY 514.

PSY 702 ABA Thesis III 3 Credits
In Thesis III, the student will complete data collection, analyze their data, and write up their study in American Psychological Association (APA) style. The student will present an oral defense to a committee of faculty members. Following a successful defense, the student will finalize their work as a professional presentation and/or publication submission.
Prerequisite(s): PSY 510, PSY 511, PSY 514.

PSY 720 Practicum in ABA 3 Credits
The Master in Applied Psychology - Applied Behavior Analysis (MAP-ABA) program's practicum offers students supervision from Rider's MAP-ABA faculty and a variety of high quality in-vivo experiences, under the direct supervision of a Rider-Approved Board Certified Behavior Analyst (BCBA), during which students apply the skills acquired in coursework.
Prerequisite(s): PSY 510, PSY 511.

Master of Choral Pedagogy

Program Overview

The Master of Choral Pedagogy curriculum includes courses in voice science, choral rehearsal pedagogy, choral literature, and music education. It emphasizes the process of rehearsing, the psychology of learning, and educational philosophy. At least one course required to fulfill this degree is offered online each semester. Coursework is also offered during Westminster's six-week Summer Session, allowing degree candidates to maintain performance schedules and teaching jobs during the year. Students may also take part in the numerous summer workshops offered through Westminster Continuing Education, including the Choral Institute at Oxford.

Curriculum Overview

The Master of Choral Pedagogy curriculum includes courses in voice science, choral rehearsal pedagogy, choral literature, and music education. Unlike traditional conducting degrees, the curriculum emphasizes the process of rehearsing, the psychology of learning, and educational philosophy.

Degree Offered

- Master of Choral Pedagogy

Contact

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Westminster Choir College
Omega House
609-896-5000 ext. 8253
mcusack@rider.edu

Associated Website: Choral Conducting, M.M. (https://www.rider.edu/academics/colleges-schools/westminster-college-arts/wcc/graduate/mm-choral-conducting/)

Faculty

Primary Faculty

James Jordan • Professor, Conducting, 1991. B.M., Susquehanna University; M.M., Ph.D., Temple University; D.Mus., University of Aberdeen, Scotland.
Steve Pilkington• Associate Professor, Sacred Music and Director of Chapel, 1992. B.A., St. Olaf College; M.M., University of Illinois; Ph.D., Drew University.
Tom T. Shelton, Jr. • Associate Professor, Sacred Music, 2012. B.M., M.M., University of North Carolina at Greensboro.

Secondary Faculty

Christopher Arneson • Professor, Voice, 2003. B.M., M.M., Birmingham University; D.M.A., Rutgers University.
Sharon Mirchandani • Professor, Musicology and Theory, 1997. B.M., Bowling Green State University; M.M., Temple University; Ph.D., Rutgers University.
Kathy Kessler Price • Professor, Voice, 2012. B.A., University of Richmond; M.M., University of Maryland; Ph.D., University of Kansas, Lawrence.
Jason Vodicka • Associate Professor, Music Education, 2018. B.M., M.M., Westminster Choir College of Rider University; D.M.A., University of Georgia.

Master of Choral Pedagogy Program Requirements

(31credits)

Learn more about Graduate General Policies (p. 1457).

Code	Title	Credits
Required Courses:		
VC 723	Voice Ped I: Voice Science	3
CR 524	Vocal Techniques for Choirs	3
CR 625	Choral Pedagogy	3
CR 750	Choral Pedagogy Capstone	1
MH 731	Intro to Musicology	3
Select one of the following: [1]		3
CR 627	Choral Literature I	
or CR 628	Choral Literature II	
or SM 710	Panorama of Sacred Music	
Select one of the following: [1]		3
CR 621	Choral Conducting I (only offered in person)	
or CR 627	Choral Literature I	
or CR 628	Choral Literature II	
or SM 621	Oratorio Solo Literature	
or VC 724	Voice Pedagogy II: Methods	
Select one of the following:		3
ME 682	Choral Music Education	
or ME 692	Social Justice in Music Education: History, Philosophy, and Practice	
or ME 721	Curriculum Development & Evaluation	
or ME 723	Social, Emotional, and Musical Learning	
or ME 771	Critical Pedagogy for Music Ed	
Music History (MH) or Theory (TH) elective course		3
Core Elective		3
The core elective selected must be a single, 3-credit graduate-level course outside the student's major area, area of emphasis, and/or area of applied study.		
Free elective		3
Total Credits		**31**

1

CR 627 and CR 628 may not be taken more than once for credit.

Courses and Descriptions

CR 524 Vocal Techniques for Choirs 3 Credits
Study of vocal techniques appropriate for use in choral rehearsals and for teaching class voice. Techniques for effecting change in group vocal productions are discussed, including such topics as the identification of group vocal problems and mental and physical preparation of a group for good vocal production. Techniques to be developed include (1) how to communicate information about vocal technique to amateur singers, (2) exercises used to develop choral sound by improving diction, dynamics, legato, staccato, martellato, high and low registers, resonance, vowel modification, etc., (3) how to train singers to use a vocal production specifically appropriate to the repertoire of various style periods and the demands of individual composers, and (4) conducting methods for good choral and vocal training. Recommended both for conducting majors and for students in other major programs, including those for whom the voice is not the primary performance medium.

CR 621 Choral Conducting I 3 Credits
A study of conducting to develop technique through facial expression, breathing, alignment and gesture. Emphasis is placed on developing and refining a process of score study. This course will assist conductors in evaluating their conducting and preparing them to make conducting decisions based upon score study.

CR 625 Choral Pedagogy 3 Credits
This online course reorganizes the components of choral rehearsal technique to reflect a harmonic approach to rehearsing, teaching, and learning. It is designed to emphasize the importance of teaching audiation and rehearsing choirs within a harmonic context.

CR 627 Choral Literature I 3 Credits
A broad survey of choral repertoire from Gregorian chant to present-day compositions. Emphasis is placed upon knowing the availability and sources of music of major composers and of music appropriate for performance in today's churches and schools.

CR 628 Choral Literature II 3 Credits
A study of selected major choral works, involving analytical and stylistic study. Oral reports by class members on assigned topics.

CR 750 Choral Pedagogy Capstone 3 Credits
Independent research leading to a completed capstone project such as pedagogical publication or presentation, development of an original or unique method of instruction, instructional materials, or case study, or musical performance. The project must be approved by the department.

ME 682 Choral Music Education 3 Credits
This course is designed to assist choral music educators to improve their pedagogical effectiveness. This course will provide students with the knowledge, skills and dispositions necessary for developing comprehensive musicianship in the choral ensemble setting through the study of creating original music, responding to music, connecting to students and performing vocal/choral music with a primary focus on choral pedagogy, curriculum development, unit and rehearsal planning, programming, vocal development, program management, music literacy pedagogy, music technology and assessment.

ME 692 Social Justice in Music Education: History, Philosophy, and Practice 3 Credits
The purpose of this course is two-fold. First, the course will explore the historical perspectives that have significantly shaped and informed music teaching and learning within American public education during the last century. Second, students will encounter, engage with, and interrogate philosophies and theories of practice from social justice perspectives in order to critically consider the place and purpose of music and music education within educational and societal contexts.

ME 721 Curriculum Development & Evaluation 3 Credits
This course examines the relationship between curriculum theory and philosophy of music education. Through the study of traditional and contemporary models of curriculum development and evaluation, students broaden their understanding of curriculum as it impacts the learning process. Post modern theory consistent with the Department's commitment to Critical Pedagogy for Music Education provide the focal point for the development of curricula that enhance and support quality music education. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching.

ME 723 Social, Emotional, and Musical Learning 3 Credits
This course examines topics in psychology of music from the lens of social emotional learning. This theoretical lens will allow students to find the relationships between music-making as social and cultural practices and the development of individual and collective psychological process in music teaching and learning. Major topics include affective and physiological responses to music, musical enculturation, learning theory, well-being and wellness, musical aptitude, developmental processes, and motivation. Students will discuss literature in the psychology of music with applications to K-12 music classes and rehearsals and conduct a pilot study in an area of interest based upon knowledge from the literature.

ME 771 Critical Pedagogy for Music Ed 3 Credits
This course presents the fundamental concepts, contexts and constructs that define Critical Pedagogy for Music Education. It focuses on the application of critical theory as a philosophical perspective to inform decisions teachers make when planning instruction for their students.

MH 731 Intro to Musicology 3 Credits
Introduction to the basic tools of research in historical musicology in order to foster: (1) an awareness of the nature and scope of historical musicology as a scholarly discipline; (2) familiarity with the techniques of musicological research; (3) an understanding of the relationship between musicological research and performance practice; and (4) experience in the application of musicological techniques to specific musical works and issues. It is strongly recommended that this course be taken at the outset of graduate study. Required for all Master of Music candidates.

SM 621 Oratorio Solo Literature 3 Credits
A performance course surveying solo and ensemble portions of oratorios, masses, passions and cantatas from the early Baroque period to the present, with emphasis on appropriate performance techniques for stylistic integrity. Offered in rotation with other Sacred Music electives.

SM 710 Panorama of Sacred Music 3 Credits
This graduate-level course is a one-semester survey of those masterworks and significant musical movements that have shaped the evolution of Western Sacred Music. Beginning with the Old Testament, this course will move through all eras, highlighting important composers and liturgical trends, placing them in their appropriate cultural and theological contexts.

VC 723 Voice Ped I: Voice Science 3 Credits
Study of voice anatomy and physiology with concentration on respiration, phonation, articulation, hearing and vocal health. Through hands-on experience in the Westminster Voice Laboratory, students explore the physics of sound, the fundamentals of musical acoustics, and acoustical elements that are unique to the human voice. Priority registration is given to M.V.P. majors and M.M. students majoring in Voice Performance and Pedagogy. Other students may enroll on a space-available basis.

VC 724 Voice Pedagogy II: Methods 3 Credits
A comparative study of various pedagogical methods and ideals. A wide range of important historical and contemporary pedagogy treatises is reviewed. Students explore exercises and vocalises for general voice development as well as techniques to address and correct specific vocal problems. Role-playing exercises are used to develop appropriate listening and teaching skills. Class participants begin supervised instruction of a volunteer singing student.

Master of Music: Choral Conducting

Program Overview

The graduate conducting program trains conductors to be creative, thoughtful, and technically proficient musicians. Students are admitted by audition. Opportunities for choral performance on a professional level are unparalleled.

Curriculum Overview

Graduate conductors take a core curriculum of research, literature, conducting, pedagogy, and ensemble. One year of choral literature is followed by elective courses in performance practice, seminars in choral literature, analysis, vocal pedagogy and related topics. The conducting sequence includes two semesters of choral conducting courses followed by two semesters of applied study. Students conduct a series of four to five recitals culminating in a major recital project with one of Westminster Choir College's core ensembles.

Ensemble singing is a key element of the curriculum. Students sing in a range of large and small ensembles. Learning repertoire through performance is a key tenet of Westminster Choir College. Please see the graduate programs webpage (https://www.rider.edu/academics/colleges-schools/westminster-college-arts/wcc/graduate/) for additional information.

Degree Offered

- Master of Music: Choral Conducting

Contact

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Professor and Chairperson
Department of Performance Studies
Westminster Choir College
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Program Website: Choral Conducting (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/westminster-choir-college/graduate/mm-choral-conducting/)

Associated Department: Department of Performance Studies

Related Programs

- Sacred Music (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/westminster-choir-college/graduate/mm-sacred-music/)

Faculty

James Jordan • Professor, Conducting, 1991. B.M., Susquehanna University; M.M., Ph.D., Temple University; D.Mus., University of Aberdeen, Scotland.

Master of Music: Choral Conducting Program Requirements

(36 credits)

Learn more about General Graduate Policies (p. 1607).

Code	Title	Credits
Major Area		
CR 621 & CR 622	Choral Conducting I and Choral Conducting II	6
CR 641B	Conducting Primary (2 terms)	2
CR 627 & CR 628	Choral Literature I and Choral Literature II	6
CR 607	Conducting Performance	1
CR 517	Master Singers (4 terms)	4
CR 524	Vocal Techniques for Choirs	3
VC 723	Voice Ped I: Voice Science	3
Core Courses		
MH 731	Intro to Musicology	3
CR 509	Symphonic Choir (2 terms)	2
Theory or Music History elective (1 course)		3
Music Education Elective (Select one of the following)		3
ME 692	Social Justice in Music Education: History, Philosophy, and Practice	
ME 685	Improving Musical Practice: Research in Music Education	
ME 723	Social, Emotional, and Musical Learning	
Total Credits		**36**

Academic Plan of Study

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The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
CR 509	Symphonic Choir	1
CR 517	Master Singers	1
CR 621	Choral Conducting I	3
CR 627	Choral Literature I	3

MH 731	Intro to Musicology	3
	Semester Credit Hours	**11**
Spring Semester		
CR 509	Symphonic Choir	1
CR 517	Master Singers	1
CR 622	Choral Conducting II	3
CR 628	Choral Literature II	3
CR 720	Graduate Conducting Forum	1
	Semester Credit Hours	**9**
Year 2		
Fall Semester		
CR 517	Master Singers	1
CR 641B	Conducting Primary	1
Theory or Music History elective		3
Core elective		3
Free elective		1
	Semester Credit Hours	**9**
Spring Semester		
CR 517	Master Singers	1
CR 641B	Conducting Primary	1
CR 607	Conducting Performance	1
CR 720	Graduate Conducting Forum	1
Free elective		3
	Semester Credit Hours	**7**
	Total Credit Hours for Graduation	**36**

Courses and Descriptions

CR 505 Advanced Conducting 3 Credits
A continuation of the conducting studies begun in CR 215 and CR 315, this course aims to be more student-centered, following the process from repertoire planning to the final performance. Intensive score preparation, advanced rehearsal techniques, performance practice and baton technique.
Prerequisite(s): CR 315.

CR 509 Symphonic Choir 1 Credits
A large mixed chorus comprised of students above the lower division, including graduate students from all disciplines. The ensemble regularly performs in the region and focuses on the major choral/orchestral repertoire along with a wide variety of repertoire for large mixed chorus. Placement hearing required.

CR 511 Westminster Choir 1 Credits
A highly select ensemble that performs and records a wide variety of choral repertoire, the Westminster Choir regularly tours nationally and internationally, and aspires to the highest professional standards. Members are selected by audition from all Westminster students above the freshman level. The requirements for selection include good academic standing, strong musicianship, and superior vocal talent. Auditions are held in the fall semester and students participate for the academic year.

CR 513 Williamson Voices 1 Credits
A chamber choir with a unique mission that combines performance and outreach education. Repertoire is chosen from a broad spectrum of literature, including world music and contemporary choral works. Auditions are held in the fall semester and students participate for the academic year.

CR 515 Westminster Kantorei 1 Credits
An early music vocal chamber ensemble specializing in music before 1750, with occasional forays into more contemporary repertoire. [Although the ensemble will generally consist of around 16 singers, the exact make-up of the ensemble will vary from semester to semester, depending on the works to be studied and performed.] Repertoire will include works for vocal ensemble and works featuring significant solo work. The entire ensemble will rehearse three hours per week. Keyboardists may audition for the ensemble. Auditions are held in the fall semester and students participate for the academic year.

CR 517 Master Singers 1 Credits
A mixed ensemble serving as the choir for Graduate Conducting, Sacred Music and Music Education majors. Repertoire consists of a wide variety of choral works drawn from all style periods, works appropriate for use in churches and in schools at the secondary and post-secondary levels. Four semesters are required for all graduate Choral Conducting majors. Two semesters are required for Sacred Music majors, and those Music Education majors who have selected conducting as their performance field. This ensemble is non-auditioned and open to all students.

SM 519 Concert Handbell Choir I 1 Credits
A choir selected by audition from the most experienced and capable bell ringers among the student body at large. This ensemble utilizes advanced repertoire and techniques, aiming primarily at presenting concerts both on and off campus, including a two-week annual tour.

CR 524 Vocal Techniques for Choirs 3 Credits
Study of vocal techniques appropriate for use in choral rehearsals and for teaching class voice. Techniques for effecting change in group vocal productions are discussed, including such topics as the identification of group vocal problems and mental and physical preparation of a group for good vocal production. Techniques to be developed include (1) how to communicate information about vocal technique to amateur singers, (2) exercises used to develop choral sound by improving diction, dynamics, legato, staccato, martellato, high and low registers, resonance, vowel modification, etc., (3) how to train singers to use a vocal production specifically appropriate to the repertoire of various style periods and the demands of individual composers, and (4) conducting methods for good choral and vocal training. Recommended both for conducting majors and for students in other major programs, including those for whom the voice is not the primary performance medium.

CR 607 Conducting Performance 1 Credits
Graduate Conducting, Sacred Music and Music Education students (with a conducting concentration) enroll for Conducting Performance in the semester of their recital or major conducting project.

CR 621 Choral Conducting I 3 Credits
A study of conducting to develop technique through facial expression, breathing, alignment and gesture. Emphasis is placed on developing and refining a process of score study. This course will assist conductors in evaluating their conducting and preparing them to make conducting decisions based upon score study.

CR 622 Choral Conducting II 3 Credits
In addition to building on the conducting skills taught in Conducting I, this course will focus upon acquisition of a broad range of rehearsal methods and techniques and gaining a comprehensive knowledge of choral ensemble warm-up philosophies, methods and techniques. Conductors will continue to study various approaches to score analysis that aid in preparation for rehearsal. Participants in the course will be required to submit a comprehensive case study which focuses on rehearsal technique and rehearsal procedures.
Prerequisite(s): CR 621.

CR 624 Conducting Skills 3 Credits

CR 628 Choral Literature II 3 Credits
A study of selected major choral works, involving analytical and stylistic study. Oral reports by class members on assigned topics.

CR 641B Conducting Primary 1 Credits

CR 641D Conducting Primary (Elective) 1 Credits

CR 641F Conducting Primary 1 Credits

CR 681 Baroque Performance Practice 3 Credits
A practical and theoretical study of issues of Baroque performance practice, including tempo, phrasing and articulation, ornamentation, rhythmic alternation, qualities of sound, continuo practice, influence of dance, affect and national idioms. Primary source materials will serve as the basic core of readings for the course, supplemented and supported by recordings and contemporary resources. In the later half of the semester, students will perform in a series of master classes.
Prerequisite(s): for undergraduates MH 248, TH 241.

CR 690 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

CR 710 Seminar in Choral Literature 3 Credits
An intensive study of a specific area of choral history and literature. The content of this course will vary from semester to semester with the special interests and qualifications of the professor teaching it. Emphasis is placed upon in-depth study of the selected repertoire. May be repeated for credit.
Prerequisite(s): undergraduate must have Permission of Instructor.

CR 720 Graduate Conducting Forum 1 Credits
A conducting seminar that focuses on the synthesis of gesture, score study and pedagogy. Select repertoire and research materials will be conducted, analyzed and discussed. Focus will be given to orals preparation and current choral conducting issues. This course may be repeated for credit.

ME 540 Choir Train for Young Singers 3 Credits
This course focuses on children's choirs in school, church and community. Students learn strategies to teach children good vocal technique and to build musical literacy through the study of appropriate repertoire. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching.
Prerequisite(s): Junior status.

ME 591 Choral Music Grades 5-12 3 Credits
This course is designed to acquaint the music educator with repertoire suitable for use with middle and senior high school choral ensembles. Representative repertoire from all periods of music will be discussed, analyzed and performed in class. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching.
Prerequisite(s): Junior status.

MH 731 Intro to Musicology 3 Credits
Introduction to the basic tools of research in historical musicology in order to foster: (1) an awareness of the nature and scope of historical musicology as a scholarly discipline; (2) familiarity with the techniques of musicological research; (3) an understanding of the relationship between musicological research and performance practice; and (4) experience in the application of musicological techniques to specific musical works and issues. It is strongly recommended that this course be taken at the outset of graduate study. Required for all Master of Music candidates.

SM 509 Jubilee Singers 1 Credits
This auditioned ensemble is devoted to the performance of sacred music from the African-American tradition.

SM 621 Oratorio Solo Literature 3 Credits
A performance course surveying solo and ensemble portions of oratorios, masses, passions and cantatas from the early Baroque period to the present, with emphasis on appropriate performance techniques for stylistic integrity. Offered in rotation with other Sacred Music electives.

Cybersecurity (M.S.)

Program Overview

Cybersecurity is one of the most difficult and pressing challenges facing our nation, and industry, the government, and higher education are underprepared to address this threat. The M.S. in Cybersecurity will provide students with the expert knowledge and technologies needed to detect, investigate, and prevent computer-related crimes, and to examine the theory, best practices, and methodologies to conduct computer forensics investigations. There is a tremendous workforce shortage projected for well-prepared cyber professionals in New Jersey and the surrounding metro areas. Students pursuing this degree will bring to the job a powerful combination of a traditional liberal arts education with foundational knowledge and technical training needed to excel in the cybersecurity field.

Curriculum Overview

The online program allows students the flexibility to design a plan of study that meets their personal and professional needs. Online classes are delivered in a combination of synchronous and asynchronous modalities. The curriculum teaches and reinforces skills in the foundational topics of data and software security, component and connection security, system and human security, as well as organizational and societal security. Students successfully completing this program will:

- Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of cybersecurity.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Apply security principles and practices to maintain operations in the presence of risks and threats.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

Degree Offered:

- M.S. in Cybersecurity
- Graduate Certificate in Cybersecurity

Contacts

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Program Website: Cybersecurity M.S. (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/graduate/ms-cybersecurity/)
Associated Department: Department of Computer Science and Physics (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/science-technology-math/faculty-departments/computer-science-physics/)

Related programs:

- Computer Science B.S. (p. 125)
- Criminal Justice B.A. (p. 132)
- Cybersecurity B.S. (p. 140)
- Information Systems B.S.B.A (p. 337)

Requirements for the M.S. in Cybersecurity

(36 credits)

Students must hold a Bachelor's degree in a related field (e.g. Computer Science, Computer Engineering, Cybersecurity, Computer Information Systems, Data Science), and must have completed an undergraduate course in Discrete Structures or Discrete Mathematics.

Code	Title	Credits
Required Courses		**24**
CYBR 500	Beyond Code: Cybersecurity in Context	
CYBR 510	Cryptography for Cybersecurity	
CYBR 520	Managing Cyber Risks	
CYBR 530	Mobile Computing and Wireless Security	
CYBR 540	Secure Coding for Cyber Defense	
CYBR 550	Cybercrime and Digital Forensics Analysis	
CYBR 600	Software Vulnerability and Malware Analysis	
CYBR 610	Cloud Computing Security and Privacy	
Elective Courses		**9**
Select three of the following:		
CYBR 560	Usable Privacy and Security	
CYBR 570	Special Topics in Cybersecurity	
CYBR 620	Blockchains and Cryptocurrencies	
HLSP 531	Critical Infrastructure Security	
HLSP 532	Disaster Management and Preparedness	
HLSP 553	Cyber War	
Cybersecurity Capstone		**3**
Select one of the following:		
CYBR 590	Independent Research and Study	
CYBR 591	M.S. in Cybersecurity Internship	
Foundation Requirements - Cyber Bridge Courses	**Successful completion of the foundational cyber bridge courses are required for students with non-STEM baccalaureate degrees. Qualifying STEM baccalaureate degrees do NOT need to complete the cyber bridge courses.**	
CYBR 501	Computing Foundations for Systems and Networking	2
CYBR 502	Programming Foundations for Secure Coding and Software Vulnerabilities	2
CYBR 503	Mathematical Foundations for Cryptography and Digital Forensics	2

Cybersecurity Certificate Requirements

(12 credits)

Code	Title	Credits
Required Course:		
CYBR 500	Beyond Code: Cybersecurity in Context	3
Select two of the following:		**6**
CYBR 510	Cryptography for Cybersecurity	
CYBR 520	Managing Cyber Risks	
CYBR 530	Mobile Computing and Wireless Security	
CYBR 540	Secure Coding for Cyber Defense	
CYBR 570	Special Topics in Cybersecurity	
Select one of the following:		**3**
CYBR 550	Cybercrime and Digital Forensics Analysis	
CYBR 560	Usable Privacy and Security	
CYBR 600	Software Vulnerability and Malware Analysis	
CYBR 610	Cloud Computing Security and Privacy	
CYBR 620	Blockchains and Cryptocurrencies	
Total Credits		**12**

Courses and Descriptions

CYBR 500 Beyond Code: Cybersecurity in Context 3 Credits
At its core, cybersecurity is a technical, computing-based discipline. This course explores the most important non-technical elements that shape the landscape upon which cybersecurity problems emerge and are managed. Students will assume different lenses — legal, economic, political, societal, and ethical — to better understand how different forces enable and constrain security technologies and policies. Specific topics include ethical and societal issues, policy-making, business models, legal frameworks, national security considerations, and the roles of users, industry, and government which includes the military.

CYBR 510 Cryptography for Cybersecurity 3 Credits
This course focuses on both mathematical foundations and practical applications of cryptography. The course discusses asymmetric and symmetric cryptography, Kerchkoff's Principle, chosen and known plaintext attacks, public key infrastructure, authentication protocols. The course includes a close examination of various cryptosystems including the RSA, DES, AES, Elliptic Curve, and SHA family cryptosystems. Topics include a brief history of cryptography, ciphers, digital signatures, hash functions, message authentication codes, secure e-commerce, and digital cash.

CYBR 520 Managing Cyber Risks 3 Credits
In the context of risk management, this course examines the motivating reasons behind cyber attacks and data breaches. Various risk management frameworks to measure organizational cybersecurity threats and vulnerabilities are presented. Further, students will model cybersecurity risks, using both qualitative and quantitative risk assessment methods. Students also will articulate the organizational consequences of the assessed risks along with mitigating strategies to reduce or eliminate the cyber risks.

CYBR 530 Mobile Computing and Wireless Security 3 Credits
This course examines the cybersecurity of mobile computing and wireless networking, especially the vulnerabilities, threats, and mitigation techniques. Topics include: mobile malware, wireless communications infrastructure vulnerabilities and associated mitigation techniques, mobile platform vulnerabilities and associated mitigation techniques, mobile app vulnerabilities and associated mitigation techniques, mobile device vulnerabilities and associated mitigation techniques, and organizational policies for mobile computing and wireless networking.
Prerequisite(s): CYBR 510.

CYBR 540 Secure Coding for Cyber Defense 3 Credits
This combined course of lecture and hands-on labs follows the philosophy and principles of secure and robust programming, using the Java language. The eight design principles that govern secure and robust coding will be emphasized with follow-on coding labs to apply these design methods to real-world problems. Design choices, good or bad, drive implementation in coding, so designing software security from the beginning will be practiced. Common software vulnerabilities and static analysis of code will be examined, as well as informal, formal, and ad hoc coding methods will be differentiated. Prior experience with the Java programming language is highly recommended.

CYBR 550 Cybercrime and Digital Forensics Analysis 3 Credits
Digital forensics is a hybrid science that offers a systematic approach for conducting comprehensive investigations to solve cybercrimes. In this course, students will learn the principles and techniques of digital forensics investigations to ensure court admissibility of electronic evidence, including the legal and ethical implications. Students also will also gain hands-on experience with performing proper forensic investigations with different file systems (e.g., Unix/Linux, Mac, Windows, Android) and writing appropriate forensics analysis reports.

CYBR 560 Usable Privacy and Security 3 Credits
There is growing recognition that technology alone cannot provide all of the solutions to security and privacy problems. Human factors play an important role, and it is important for security and privacy experts to have an understanding of how people might interact with the systems they develop. This course explores a variety of usability and user interface pitfalls related to privacy and security and provides experiences in designing studies aimed at helping to evaluate usability issues in security and privacy systems.
Prerequisite(s): CYBR 500.

CYBR 570 Special Topics in Cybersecurity 3 Credits
This course is used as a general placeholder for one time offerings and new courses that have not been assigned a permanent designation. The course will cover advanced and emerging topics of current interest in cybersecurity. This course code may be taken more than once as long as the topic offered is different each time.
Prerequisite(s): Permission of instructor.

CYBR 590 Independent Research and Study 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. Permission of instructor.

CYBR 591 M.S. in Cybersecurity Internship 3 Credits
The course is part of the capstone requirement for the M.S. in Cybersecurity. The course will have students complete an internship, self-evaluation, and a project related to their experience working in a cybersecurity related position. Permission of instructor.

CYBR 600 Software Vulnerability and Malware Analysis 3 Credits
This combined course of lecture and hands-on labs covers both the art and science of discovering software vulnerabilities and malware. Beginning with the foundational techniques used to analyze both source and binary code, this course will examine current threats and evaluate the actions needed to prevent attackers from taking advantage of both known and unknown vulnerabilities. The course will cover passive and active reverse engineering techniques in order to discover and categorize software vulnerabilities and malware, create workarounds to better secure the system, and demonstrate security solutions that provide protection from an adversary attempting to exploit the vulnerabilities. Techniques covered include the use of static analysis, dynamic reverse engineering tools, and fault injection to better understand and improve the security of software. Prior exposure to Intel assembly is helpful, though not required.
Prerequisite(s): CYBR 540.

CYBR 610 Cloud Computing Security and Privacy 3 Credits
This course focuses on the security and privacy issues in Cloud Computing. While the Cloud Computing paradigm gains in popularity, there are many unresolved cybersecurity issues related to confidentiality, integrity, and availability of data and computations involving the Cloud. This course examines Cloud Computing models and the associated risks, threats and vulnerabilities; focuses on sound architectural design for secure and private computing; and explores practical applications of cloud computing and the Internet of Things (IoT).
Prerequisite(s): CYBR 530.

CYBR 620 Blockchains and Cryptocurrencies 3 Credits
This combined Lecture-Lab course covers the mathematical, computational, and economic foundations of Blockchain technology, and exposes students to the societal and legal implications of a decentralized monetary system based on consensus. Students learn what cryptocurrencies are, why it is possible to make money using cryptocurrencies such as bitcoins, and why it is so volatile. Through hands-on practice with the bitcoin and Ethereum-based software platforms, students will program secure decentralized applications (Dapps), develop an understanding of cryptographic principles, and reexamine critical economic questions.
Prerequisite(s): CYBR 510.

Master of Science in Nursing and Post-Master's Certificate

Program Overview

The Master of Science in Nursing (MSN) program prepares baccalaureate level, registered nurses seeking a graduate degree which provides eligibility for nurse practitioner (NP) certification. The MSN program offers three NP concentrations: Adult gerontology primary care, psychiatric-mental health, and family.

The Post-Master's Certificate in Nursing (PMC) program provides registered nurses and advanced practice registered nurses (APRN) with a MSN degree, an alternate pathway to gain eligibility for NP certification. For practicing NPs, the PMC gives students an opportunity to expand their scope of practice with the addition of a certification in a population focus or specialty. The PMC program offers three NP concentrations: Adult gerontology primary care, psychiatric-mental health, and family.

The courses are online and asynchronous. They offer diverse approaches to teaching and engaged faculty that encourage self-directed learning and critical reasoning. Advanced Pathophysiology and all concentration and clinical courses are taught over a full academic semester while the core courses are delivered as 7-week, intensive courses. Regular student participation is expected in all courses as the graduate nursing program follows the university's academic calendar. There is an on-campus residency that precedes the first clinical semester.

Upon completion of the program, graduates will be eligible to sit for the following certification examinations:

- The Rider University family nurse practitioner (FNP) and adult-gerontology primary care nurse practitioner (AGPCNP) concentrations prepare students to sit for the American Nurses Credentialing Center (ANCC) and American Academy of Nurse Practitioners Certification Board (AANPCB) exams.
- The Rider University psychiatric-mental health nurse practitioner (PMHNP) concentration prepares students to sit for the American Nurses Credentialing Center (ANCC) exam.

Nursing Program Mission Statement

The philosophy of the nursing program adheres to the Neuman Systems Model as a holistic, systematic approach to nursing, patients, environment, and health. The patient is defined as individuals, families, or communities that are multidimensional systems with physiology, psychological, socio-cultural and development attributes. Each of these attributes emphasize the diversity and unique nature of the patient. These attributes provide basic survival factors, lines of defense from internal and external stressors, and lines of resistance that contribute to primary, secondary, and tertiary adaptation to relative wellness. The patient is in constant connection to the environment. The patient can draw energy from the internal and external environments promoting adaptation to wellness and stability of the system. The environmental stressors can also consume the patient's energy drawing the patient toward disequilibrium and maladaptation. The patient's basic survival factors, lines of defense and resistance determine how the environmental stressors can promote wellness, foster adaptation or recovery,or provide reconstitution to a new state of relative wellness. Health is a dynamic balance of wellness and illness of the patient. As an open system in connection with the environment, the patient's health is in a constant state of change, adaptation, and reconstitution. Death ensues when the system is depleted of energy, basic survival factors, lines of defense and resistance and can no longer recover from stressors.

The role of the nurse is to promote wellness, adaptation, and reconstitution of the patient by intervening to maintain stability of the holistic system. The nurse's assessments and interventions are individualized considering the patient's attributes and environments so that they are viewed as a whole person. The nurse appreciates the unique nature of the patient system in connection with environmental stressors.

The nursing faculty uphold Rider University's Mission and the Rider Promise to prepare graduates to thrive professionally and be lifelong independent learners and responsible citizens who embrace diversity, support the common good, and contribute meaningfully to the changing world where they live and work. The RN to BSN program adheres to adult learning principles, acknowledging previous learning and experiences within courses and providing content relevant to the nursing profession.

The Graduate Nursing Program provides knowledge and skills for nurses to excel as nurse practitioners in various health care environments. Principles of advanced practice registered nurse (APRN) clinical practice and nursing scholarship improve health outcomes for clients, families, and diverse communities. Rider's Nursing Program adheres to the American Nurses Association Code of Ethics beliefs. It requires students to practice within the following tenets of respect for a patient's dignity, worth, and autonomy and advocacy for the patient's rights, health, and safety. The mission of the Nursing Program aligns with that of Rider University to challenge nurses to grow and further develop skills needed to acquire, interpret, communicate, and become transformational leaders within nursing and across disciplines. The RN to BSN completion program allows the registered nurse to build upon the knowledge and skills learned in the pre-licensure undergraduate program. The Graduate Nursing Program builds on baccalaureate-level nursing education to expand the scope of practice of learners, from registered nurse to an APRN. Both programs allow for expanded opportunities for a nurse to function as change agents and leaders within the nursing profession and across health disciplines.

Accreditation Statement

The baccalaureate degree program in nursing, master's degree program in nursing, and post-graduate APRN certificate programs at Rider University are accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791.

Graduate Nursing Program Goals

1. Develop advanced practice registered nurses that demonstrate professional, ethical, skilled, and evidence-based practice competencies in their roles.
2. Develop graduates with a sustained commitment to lifelong learning, respect for individual differences, and the advancement of the nursing profession.
3. Prepare advanced practice registered nurses as leaders and role models that promote quality, equitable patient care and health promotion at the local, state, national, and global levels.
4. Prepare innovators to collaborate with health care teams and community stakeholders in order to improve health outcomes, eliminate health disparities, and advocate for patients.

Student Learning Outcomes

Students completing the Rider University's Graduate Nursing program will be able to:

1. Synthesize theoretical and empirical knowledge from the physical and behavioral sciences and humanities with nursing theory and advanced nursing practice.
2. Collaborate on the interdisciplinary health team to identify and effect needed change which will improve delivery within specific health care systems.
3. Utilize evidence-based practice recommendations, professional standards of care and research to promote health, prevent disease and improve the health status of individuals, families, groups, communities, and populations.
4. Demonstrate communication skills, including health information management to enhance the quality of care and improve patient outcomes provided at individual and aggregate levels.
5. Utilize leadership skills through interaction with consumers and providers in meeting health needs and advancing nursing goals.
6. Provide culturally competent care to improve health outcomes to all persons regardless of race, sex, sexual orientation, age, socioeconomic status, culture, health care beliefs, and religion.
7. Demonstrate individual responsibility and accountability in defining and advocating for quality care, patient safety and the nursing profession at the local, state, national and global level.
8. Practice in the APRN role independently and collaboratively with an interprofessional team while delivering direct and indirect care services to patients, families, and communities.

Admission Requirements

Admission to the MSN program is open to registered nurses with a baccalaureate degree in nursing. Admission to the PMC program is open to registered nurses or advanced practice registered nurses with a master's degree in nursing. Admission is on a rolling basis. Prospective applicants must meet the following criteria, though meeting the minimum criteria does not guarantee admission:

1. Provide official transcripts. Nursing degrees must be from NLN-CCNE-accredited schools.
   a. MSN - Minimum nursing degree must be a BSN.
   b. PMC - Minimum nursing degree must be an MSN.
2. Meet *one of the two* requirements for MSN. admission only:
   a. Cumulative GPA of 3.0 or higher in the BSN degree program (on a scale of 4.0) with a minimum, cumulative GPA in all nursing courses of a 3.0
   b. Cumulative GPA of 3.0 in at least two graduate nursing courses when the BSN. cumulative GPA is less than or equal to 2.99
3. Completion of undergraduate level, prerequisite courses: Health assessment, nursing or health-discipline research, statistics.
4. All current nursing and APRN licenses in good standing and unencumbered.
5. Students must meet the "Technical Standards" that are defined in the application for admission.

Applicants to the PMC program from **NP programs** must present a valid certification and NP licensure in their practice specialty. A gap analysis of previous clinical courses including syllabi and confirmation of clinical hours will be completed to ensure all graduates complete the required number of clinical hours in the population foci at the time the degree is awarded.

Applicants to the PMC program from **non-NP MSN programs** will submit syllabi from previous courses. A gap analysis of previous coursework will be completed to ensure all graduates fulfilled the appropriate APRN coursework in advanced pathophysiology, advanced physical assessment, advanced pharmacology, and professional role. All documents will be considered upon admission for academic planning.

Degree Offered

- Master of Science in Nursing (MSN)
- Post-master's Certificate in Nursing (PMC)

Contact

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Master of Science in Nursing Program Requirements

Master of Science in Nursing - Adult-Gerontology Primary Care Nurse Practitioner (p. 1472)
Master of Science in Nursing - Family Nurse Practitioner (p. 1473)
Master of Science in Nursing - Psychiatric-Mental Health Nurse Practitioner (http://catalog.rider.edu/graduate/colleges-schools/education/programs-certificates/masters-of-science-nursing/#MSN%20-%20Psych) (p. 1473)

Masters of Science in Nursing - Adult-Gerontology Primary Care Nurse Practitioner (42 credits)

Code	Title	Credits
The following courses are required for the degree:		
APRN 5001	Socialization to the APRN Role [1]	3
APRN 5002	Applied Theory for the APRN Role	3
APRN 5003	Advanced Pathophysiology	3
APRN 5004	Clinical Prevention and Population Health	3
APRN 5005	Research and Quality Improvement	3
APRN 5006	Health Delivery and Information Systems	3
Concentration and Practica Courses		
APRN 5007	Advanced Physical Assessment [2]	3
APRN 5008	Advanced Pharmacology [2]	3
APRN 5009	Primary Care of Young Adult	3
APRN 5010	Young Adult Practicum	3
APRN 5011	Primary Care of the Middle-Aged Adult	3
APRN 5012	Middle-Aged Adult Practicum	3
APRN 5013	Primary Care of the Older Adult	3
APRN 5014	Older Adult Practicum	3
Total Credits		**42**

1 APRN 5001 is a prerequisite and must be completed before taking APRN 5005.

2 APRN 5003 must be completed before taking this course.

Note:

Students admitted in or after fall, 2024 will complete an additional practicum semester and a total of 45 credits for certificate completion

Masters of Science in Nursing - Family Nurse Practitioner
(48 credits)

Code	Title	Credits
The following courses are required for the degree:		
APRN 5001	Socialization to the APRN Role [1]	3
APRN 5002	Applied Theory for the APRN Role	3
APRN 5003	Advanced Pathophysiology	3
APRN 5004	Clinical Prevention and Population Health	3
APRN 5005	Research and Quality Improvement	3
APRN 5006	Health Delivery and Information Systems	3
Concentration and Practica Courses		
APRN 5007	Advanced Physical Assessment [2]	3
APRN 5008	Advanced Pharmacology [2]	3
APRN 5009	Primary Care of Young Adult	3
APRN 5010	Young Adult Practicum	3
APRN 5011	Primary Care of the Middle-Aged Adult	3
APRN 5012	Middle-Aged Adult Practicum	3
APRN 5013	Primary Care of the Older Adult	3
APRN 5014	Older Adult Practicum	3
APRN 5015	Primary Care of the Pediatric and Perinatal Patient	3
APRN 5016	Pediatric Practicum	3
Total Credits		**48**

1

APRN 5001 is a prerequisite and must be completed before taking APRN 5005.

2

APRN 5003 must be completed before taking this course.

Master of Science in Nursing - Psychiatric-Mental Health Nurse Practitioner
(49 credits)

Code	Title	Credits
Complete the following courses:		
APRN 5001	Socialization to the APRN Role	3
APRN 5002	Applied Theory for the APRN Role	3
APRN 5003	Advanced Pathophysiology	3
APRN 5004	Clinical Prevention and Population Health	3
APRN 5005	Research and Quality Improvement	3
APRN 5006	Health Delivery and Information Systems	3
Concentration and Practica Courses		
APRN 5007	Advanced Physical Assessment	3
APRN 5008	Advanced Pharmacology	3
APRN 5023	Advanced Psychopharmacology	2
APRN 5024	Psychiatric Assessment and Diagnosis	3
APRN 5025	Foundations in Therapy	2
APRN 5026	Psychiatric-Mental Health I	3
APRN 5027	Psychiatric-Mental Health Practicum I	3
APRN 5028	Psychiatric-Mental Health II	3
APRN 5029	Psychiatric-Mental Health Practicum II	3
APRN 5030	Psychiatric-Mental Health III	3
APRN 5031	Psychiatric-Mental Health Practicum III	3
Total Credits		**49**

1

APRN 5001 is a prerequisite and must be completed before taking APRN 5005.

2

APRN 5003 must be completed before taking APRN 5007 and APRN 5008.

Note:

Students admitted in or after fall, 2024 will complete an additional practicum semester and a total of 51 credits for certification completion.

Master of Science in Nursing Academic Plan of Study

The following educational plan is provided as a sample only. Students may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Adult-Gerontology Primary Care Nurse Practitioner (p. 1473)
Family Nurse Practitioner (p. 1474)
Psychiatric-Mental Health Nurse Practitioner (p. 1474)

Adult-Gerontology Primary Care Nurse Practitioner
(42 credits)

Course	Title	Credits
Year 1		
Fall Semester		
APRN 5002	Applied Theory for the APRN Role	3
APRN 5006	Health Delivery and Information Systems	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5003	Advanced Pathophysiology	3
APRN 5004	Clinical Prevention and Population Health	3
	Semester Credit Hours	**6**
Summer Semester		
APRN 5001	Socialization to the APRN Role	3
APRN 5005	Research and Quality Improvement	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
APRN 5007	Advanced Physical Assessment	3
APRN 5008	Advanced Pharmacology	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5009	Primary Care of Young Adult	3

APRN 5010	Young Adult Practicum	3
	Semester Credit Hours	**6**
Summer Semester		
APRN 5011	Primary Care of the Middle-Aged Adult	3
APRN 5012	Middle-Aged Adult Practicum	3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
APRN 5013	Primary Care of the Older Adult	3
APRN 5014	Older Adult Practicum	3
	Semester Credit Hours	**6**
	Total Credit Hours for Graduation	**42**

Family Nurse Practitioner
(48 credits)

Due to prerequisites and corequisites required for some courses it is highly recommended that the sequence below is followed. Courses will be offered in the semester as shown below.

Course	Title	Credits
Year 1		
Fall Semester		
APRN 5006	Health Delivery and Information Systems	3
APRN 5002	Applied Theory for the APRN Role	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5003	Advanced Pathophysiology	3
APRN 5004	Clinical Prevention and Population Health	3
	Semester Credit Hours	**6**
Summer Semester		
APRN 5001	Socialization to the APRN Role	3
APRN 5005	Research and Quality Improvement	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
APRN 5007	Advanced Physical Assessment	3
APRN 5008	Advanced Pharmacology	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5009	Primary Care of Young Adult	3
APRN 5010	Young Adult Practicum	3
	Semester Credit Hours	**6**
Summer Semester		
APRN 5011	Primary Care of the Middle-Aged Adult	3
APRN 5012	Middle-Aged Adult Practicum	3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
APRN 5013	Primary Care of the Older Adult	3
APRN 5014	Older Adult Practicum	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5015	Primary Care of the Pediatric and Perinatal Patient	3
APRN 5016	Pediatric Practicum	3
	Semester Credit Hours	**6**
	Total Credit Hours for Graduation	**48**

Psychiatric-Mental Health Nurse Practitioner
(49 credits)

Due to prerequisites and corequisites required for some courses it is highly recommended that the sequence below is followed. Courses will be offered in the semester as shown below.

Course	Title	Credits
Year 1		
Fall Semester		
APRN 5006	Health Delivery and Information Systems	3
APRN 5002	Applied Theory for the APRN Role	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5003	Advanced Pathophysiology	3
APRN 5004	Clinical Prevention and Population Health	3
	Semester Credit Hours	**6**
Summer Semester		
APRN 5001	Socialization to the APRN Role	3
APRN 5005	Research and Quality Improvement	3
	Semester Credit Hours	**6**
Year 2		
Fall Semester		
APRN 5007	Advanced Physical Assessment	3
APRN 5008	Advanced Pharmacology	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5023	Advanced Psychopharmacology	2
APRN 5024	Psychiatric Assessment and Diagnosis	3
APRN 5025	Foundations in Therapy	2
	Semester Credit Hours	**7**
Summer Semester		
APRN 5026	Psychiatric-Mental Health I	3
APRN 5027	Psychiatric-Mental Health Practicum I	3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
APRN 5028	Psychiatric-Mental Health II	3
APRN 5029	Psychiatric-Mental Health Practicum II	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5030	Psychiatric-Mental Health III	3
APRN 5031	Psychiatric-Mental Health Practicum III	3
	Semester Credit Hours	**6**
	Total Credit Hours for Graduation	**49**

Post-Master's Certificate Requirements

The Post-master's certificate minimum requirements below are based on the eligibility requirements for the nurse practitioner certification exams in the adult-gerontology primary care, psychiatric-mental health, and family population foci. Individual plans of study and transfer credits are finalized upon admission after a gap analysis of prior graduate course work, clinical hours, licensure with prescriptive authority, and NP certification.

Post-Master's Certificate - Adult Gerontology Primary Care Nurse Practitioner (p. 1475)
Post-Master's Certificate - Family Nurse Practitioner (p. 1474)
Post-Master's Certificate - Psychiatric Mental Health Nurse Practitioner (p. 1475)

Post-Master's Certificate - Adult-Gerontology Primary Care Nurse Practitioner
(30 credits)

Year 1		
Spring Semester		**Credits**
APRN 5003	Advanced Pathophysiology [1]	3
	Semester Credit Hours	**3**
Summer Semester		
APRN 5001	Socialization to the APRN Role [1]	3
	Semester Credit Hours	**3**
Year 2		
Fall Semester		
APRN 5007	Advanced Physical Assessment [1]	3
APRN 5008	Advanced Pharmacology [1]	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5009	Primary Care of Young Adult	3
APRN 5010	Young Adult Practicum	3
	Semester Credit Hours	**6**
Summer Semester		
APRN 5011	Primary Care of the Middle-Aged Adult	3
APRN 5012	Middle-Aged Adult Practicum	3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
APRN 5013	Primary Care of the Older Adult	3
APRN 5014	Older Adult Practicum	3
	Semester Credit Hours	**6**
	Total Credit Hours for Graduation	**30**

1

A gap analysis is completed during program admission to determine transfer credits for previous graduate coursework.

Notes:

Students admitted in or after fall, 2024 will complete an additional practicum semester and a total of 33 credits for certification completion.

Family Nurse Practitioner
(48 credits)

Year 1		
Spring Semester		**Credits**
APRN 5003	Advanced Pathophysiology [1]	3
	Semester Credit Hours	**3**
Summer Semester		
APRN 5001	Socialization to the APRN Role [1]	3
	Semester Credit Hours	**3**
Year 2		
Fall Semester		
APRN 5007	Advanced Physical Assessment [1]	3
APRN 5008	Advanced Pharmacology [1]	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5009	Primary Care of Young Adult	3
APRN 5010	Young Adult Practicum	3
	Semester Credit Hours	**6**
Summer Semester		
APRN 5011	Primary Care of the Middle-Aged Adult	3
APRN 5012	Middle-Aged Adult Practicum	3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
APRN 5013	Primary Care of the Older Adult	3
APRN 5014	Older Adult Practicum	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5015	Primary Care of the Pediatric and Perinatal Patient	3
APRN 5016	Pediatric Practicum	3
	Semester Credit Hours	**6**
	Total Credit Hours for Graduation	**36**

1

A gap analysis will be completed during program admission to determine transfer credits for previous graduate coursework.

Post-Master's Certificate - Psychiatric Mental Health Nurse Practitioner
(37 Credits)

Year 1		
Spring Semester		**Credits**
APRN 5003	Advanced Pathophysiology [1]	3
	Semester Credit Hours	**3**
Summer Semester		
APRN 5001	Socialization to the APRN Role [1]	3
	Semester Credit Hours	**3**

Year 2		
Fall Semester		
APRN 5007	Advanced Physical Assessment [1]	3
APRN 5008	Advanced Pharmacology [1]	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5023	Advanced Psychopharmacology	2
APRN 5024	Psychiatric Assessment and Diagnosis	3
APRN 5025	Foundations in Therapy	2
	Semester Credit Hours	**7**
Summer Semester		
APRN 5026	Psychiatric-Mental Health I	3
APRN 5027	Psychiatric-Mental Health Practicum I	3
	Semester Credit Hours	**6**
Year 3		
Fall Semester		
APRN 5028	Psychiatric-Mental Health II	3
APRN 5029	Psychiatric-Mental Health Practicum II	3
	Semester Credit Hours	**6**
Spring Semester		
APRN 5030	Psychiatric-Mental Health III	3
APRN 5031	Psychiatric-Mental Health Practicum III	3
	Semester Credit Hours	**6**
	Total Credit Hours for Graduation	**37**

1

A gap analysis is completed during program admission to determine transfer credits for previous graduate coursework.

Note: Students admitted in or after fall, 2024 will complete an additional practicum semester and a total of 40 credits for certification.

Courses and Descriptions

APRN 5001 Socialization to the APRN Role 3 Credits
The course will examine the critical issues that define the APRN's scope of practice and nurse practitioner competencies. Issues related to health policy, interprofessional collaborative practice, team building, conflict resolution, and leadership will be discussed. Guidelines for resolving professional legal and ethical issues that are often confronted in APRN practice will be analyzed.

APRN 5002 Applied Theory for the APRN Role 3 Credits
This course will demonstrate the use of science-based theories to analyze healthcare delivery at the patient, family, community and organizational levels in order to improve health outcomes. Theories addressing nursing practice, teaching and learning, health behaviors, and families within the context of cultural influences will be explored. Issues related to ethical decision making and advocacy in APRN practice will be analyzed.

APRN 5003 Advanced Pathophysiology 3 Credits
This course analyzes alterations in various physiological systems. General physiological and pathophysiological principles that regulate inflammation, cellular/tissue repair, genetics, immunity, and cancer will be discussed. Pathophysiology of disease processes in primary care conditions across the lifespan will be examined.

APRN 5004 Clinical Prevention and Population Health 3 Credits
This course will enable students to analyze epidemiological and biostatistical data in the development, implementation, and evaluation of clinical prevention and population health initiatives. Concepts of public health, health promotion, morbidity and mortality, determinants of health, and cultural diversity and sensitivity will be incorporated into the advanced practice nursing role.

APRN 5005 Research and Quality Improvement 3 Credits
This course builds a foundation for advanced clinical scholarship and healthcare improvement while developing skills in analytical methods for evidence-based practice. Concepts of quality process, regulatory practices, root cause analysis, and problem identification will be explored.

APRN 5006 Health Delivery and Information Systems 3 Credits
This course focuses on trends, issues, and policies related to the transformation of the U.S. health care system. Emphasis will be placed on the economics of care and equity, access, and quality of the health care system. The role of the APRN in the utilization of information systems to reduce health disparities and promote quality initiatives will be presented.

APRN 5007 Advanced Physical Assessment 3 Credits
This course builds upon scientific underpinnings to enable the learner to develop a holistic approach to culturally sensitive health assessment including health related behaviors across the life span. The student begins to synthesize data in diagnostic reasoning to determine appropriate and effective healthcare strategies, including disease prevention, health promotion and health restoration. This course includes in-person, faculty guided clinical experiences.
Prerequisite(s): APRN 5003.

APRN 5008 Advanced Pharmacology 3 Credits
This course is designed to meet the needs of APRNs that are eligible for prescriptive privileges. Content will focus on the pharmacological management of self-limited, episodic complaints and stable chronic disease states across the life span. Emphasis is placed on the decision-making process utilized to safely and effectively prescribe and monitor pharmacotherapeutics appropriate to the client situation. Prerequisite(s): APRN 5003.
Corequisite(s): APRN 5007.

APRN 5009 Primary Care of Young Adult 3 Credits
This course focuses on the care of young adults and women. Course content includes developmental, physiological, pathological, and psychosocial changes relative to primary, secondary and tertiary prevention, health maintenance, acute and chronic illnesses and life transitions as well as application of U.S. health promotion guidelines and screening for young adults and women. Emphasis is on the nurse practitioner role as a collaborative health care team member and advocate for young adults and women. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5010.

APRN 5010 Young Adult Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in APRN 5009 - Primary Care of the Young Adult. The focus is on primary care of the young adult client and women. Students will utilize the necessary resources in health care to optimize health in these populations. Students will complete 180 clinical hours. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5009.

APRN 5011 Primary Care of the Middle-Aged Adult 3 Credits
This course focuses on the health state of middle-aged adults. Course content includes developmental, physiological, pathological, and psychosocial changes relative to primary, secondary and tertiary prevention, health maintenance, acute and chronic illnesses and life transitions, as well as application of U.S. health promotion guidelines and screening for middle-aged adults. Emphasis is on the nurse practitioner role as a collaborative health care team member and client advocate for acute and chronic illnesses of adults. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5012.

APRN 5012 Middle-Aged Adult Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in APRN 5011 - Primary Care of the Middle-Aged Adult. The focus is on primary care of common acute and chronic disease processes of the middle-aged population. Students will utilize the necessary resources in health care to optimize health in these populations. Students will complete 180 clinical hours. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5011.

APRN 5013 Primary Care of the Older Adult 3 Credits
This course focuses on the health state of older adults. Course content includes developmental, physiological, pathological, and psychosocial changes relative to primary, secondary and tertiary prevention, health maintenance, acute and chronic illnesses and life transitions, as well as application of U.S. health promotion guidelines and screening for older adults. Emphasis is on the nurse practitioner role as a collaborative health care team member and client advocate for acute and chronic illnesses of older adults. Prerequisite(s): APRN 5011, APRN 5012.
Corequisite(s): APRN 5014.

APRN 5014 Older Adult Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in APRN 5013 - Primary Care of the Older Adult. The focus is on primary care of common acute and chronic disease processes of the older adult population. Students will utilize the necessary resources in health care to optimize health in these populations. Students will complete 180 clinical hours. Prerequisite(s): APRN 5011, APRN 5012.
Corequisite (s): APRN 5013.

APRN 5015 Primary Care of the Pediatric and Perinatal Patient 3 Credits
This course focuses on the health state of pediatric and perinatal patient populations. Course content includes developmental, physiological, pathological, and psychosocial changes relative to primary, secondary and tertiary prevention, health maintenance, acute and chronic illnesses and life transitions as well as application of U.S. health promotion guidelines and screening for pediatric and perinatal patients. Emphasis is on the nurse practitioner role as a collaborative health care team member and client advocate for acute and chronic illnesses of adults. Prerequisite(s): APRN 5013, APRN 5014.
Corequisite9s): APRN 5016.

APRN 5016 Pediatric Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in Primary Care of the Pediatric and Perinatal Patient. The focus is on primary care of common acute and chronic disease process of the pediatric and perinatal populations. Students will utilize the necessary resources in health care to optimize health in these populations. Students will complete 120 clinical hours. Prerequisite(s): APRN 5013, APRN 5014.
Corequisite(s): APRN 5015.

APRN 5017 Acute Care I 3 Credits
This course examines advanced practice nursing and healthcare management of adolescents and young adults in acute care settings. This course provides a foundation for the advanced practice nurse working in acute care practice settings to have entry level competencies for the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) to build on the core competencies for all nurse practitioners. Emphasis on the nurse practitioner role as a collaborative healthcare team member and advocate for adolescents and young adults in the acute care setting. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5018.

APRN 5018 Acute Care I Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in Acute Care I. This course focuses primarily on transitioning from an expert registered nurse role to the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) student role that is working in a variety of acute care settings. Students will utilize the necessary resources in health care to optimize health in these populations. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5017.

APRN 5019 Acute Care II 3 Credits
This course is designed to foster development of clinical competency in acute care settings for middle-aged adult patients. This course provides a foundation for the advanced practice nurse working in acute care practice settings to have entry level competencies for the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) to build on the core competencies for all nurse practitioners. Emphasis on the nurse practitioner role as a collaborative healthcare team member and advocate for adolescents and young adults in the acute care setting. Prerequisite(s): APRN 5017, APRN 5018.
Corequisite(s): APRN 5020.

APRN 5020 Acute Care II Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in Acute Care II. This course focuses primarily on transitioning from an expert registered nurse role to the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) student role that is working in a variety of acute care settings. Students will utilize the necessary resources in health care to optimize health in these populations. Prerequisite(s): APRN 5017, APRN 5018.
Corequisite(s): APRN 5019.

APRN 5021 Acute Care III 3 Credits
This course is designed to foster development of clinical competency in acute care settings for the older adult and frail elderly patient population (ages 65-74 and 75+). This course provides a foundation for the advanced practice nurse working in acute care practice settings to have entry level competencies for the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) to build on the core competencies for all nurse practitioners. Emphasis on the nurse practitioner role as a collaborative healthcare team member and advocate for adolescents and young adults in the acute care setting. Prerequisite(s): APRN 5019, APRN 5020.
Corequisite(s): APRN 5022.

APRN 5022 Acute Care III Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in Acute Care III. This course focuses primarily on transitioning from an expert registered nurse role to the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) student role that is working in a variety of acute care settings. Students will utilize the necessary resources in health care to optimize health in these populations. Prerequisite(s): APRN 5019, APRN 5020.
Corequisite(s): APRN 5021.

APRN 5023 Advanced Psychopharmacology 2 Credits
The course builds on the knowledge from advanced pharmacology and provides an in-depth examination of drug classifications related to the treatment of psychiatric disorders across the lifespan. The pharmacokinetics and pharmacodynamics of psychopharmacologic agents and therapeutic treatment plans will be emphasized. Special topics on issues related to polypharmacology, drug abuse, and psychiatric-mental health nurse practitioner prescribing issues are discussed. Prerequisite(s): APRN 5008
Corequisite(s): APRN 5024, APRN 5025.

APRN 5024 Psychiatric Assessment and Diagnosis 3 Credits
This course will examine the advanced concepts of assessment and differential diagnosis in advanced practice, psychiatric-mental health nursing. The Diagnostic and Statistical Manual of Mental Disorders (DSM–5) will be used in clinical decision making to determine screening, assessment, diagnostic studies, and differential diagnoses for psychiatric disorders across the lifespan. A holistic approach to assessment will be incorporated by examining social, genetic, cultural, ethnic, and gender elements in psychiatric illnesses. Prerequisite(s): APRN 5007
Corequisite(s): APRN 5023, APRN 5025.

APRN 5025 Foundations in Therapy 2 Credits
This course provides a foundation in the application of psychotherapeutic interventions to the management of psychiatric disorders for individuals, families, and groups across the lifespan. The practice of psychotherapy and crisis intervention in the psychiatric-mental health nurse practitioner role will be examined in relation to cultural, ethical, moral, and legal issues.
Corequisite(s): APRN 5023, 5024.

APRN 5026 Psychiatric-Mental Health I 3 Credits
This course will examine the Psychiatric Mental Health Nurse Practitioner (PMHNP) role in health promotion, disease prevention, diagnosis, and management in psychiatric practice with diverse adult populations. Emphasis is on the nurse practitioner role as a collaborative health care team member and advocate for adults with psychiatric disorders. Prerequisite(s): APRN 5023, APRN 5024, APRN 5025
Corequisite(s): APRN 5027.

APRN 5027 Psychiatric-Mental Health Practicum I 3 Credits
This practicum course provides a clinical setting for the integration of classroom material presented in Psychiatric-Mental Health I. The focus is on psychiatric health care of adults. Students will utilize the necessary resources in health care to optimize health in this population. The nurse practitioner's role as a collaborative member of the interprofessional team will be evaluated.
Corequisite(s): APRN 5026.

APRN 5028 Psychiatric-Mental Health II 3 Credits
This course will examine the Psychiatric Mental Health Nurse Practitioner (PMHNP) role in health promotion, disease prevention, diagnosis, and management in psychiatric practice with diverse older adult populations. Complex disorders will be examined. Emphasis is on the nurse practitioner role as a collaborative health care team member and advocate for older adults with psychiatric disorders. Prerequisite(s): APRN 5026, APRN 5027
Corequisite(s): APRN 5029.

APRN 5029 Psychiatric-Mental Health Practicum II 3 Credits
This practicum course provides a clinical setting for the integration of classroom material presented in Psychiatric-Mental Health II. The focus is on psychiatric health care of older adults. Students will utilize the necessary resources in health care to optimize health in this population. The nurse practitioner's role as a collaborative member of the interprofessional team will be evaluated.
Corequisite(s): APRN 5028.

APRN 5030 Psychiatric-Mental Health III 3 Credits
This course will examine the Psychiatric Mental Health Nurse Practitioner (PMHNP) role in health promotion, disease prevention, diagnosis, and management in psychiatric practice with diverse pediatric populations and families. Emphasis is on the nurse practitioner role as a collaborative health care team member and advocate for children with psychiatric disorders. Prerequisite(s): APRN 5028, APRN 5029
Corequisite(s): APRN 5031.

APRN 5031 Psychiatric-Mental Health Practicum III 3 Credits
This practicum course provides a clinical setting for the integration of classroom material presented in Psychiatric-Mental Health III. The focus is on psychiatric health care of pediatric patients and families. Students will utilize the necessary resources in health care to optimize health in these populations. The nurse practitioner's role as a collaborative member of the interprofessional team will be evaluated.
Corequisite(s): APRN 5030.

APRN 5032 APRN Role Immersion 3 Credits
This course is the final role immersion of adult-gerontology primary care and psychiatric mental health nurse practitioner concentration students. Students will collaborate with faculty to reflect on their clinical knowledge, skills, and experiences in the planning of personal practice short- and long-term goals for their NP role. The clinical immersion will support the students in the planning and meeting of their professional goals and foster the synthesis of the knowledge, skills, and experiences in the NP concentration courses.
Prerequisite(s): APRN 5013, APRN 5031.

Master of Music Education (M.M.E.)

Program Overview

Designated for music educators who want to enhance their impact, the MME program helps students to improve as educators and make positive change in their classrooms and school communities. Students

design their own 12-credit "focus-area" of courses tailored to their particular interests and goals and learn skills and techniques that can be immediately applied to their current teaching or used as preparation for doctoral work. Example areas of focus include choral pedagogy, choral conducting, voice pedagogy, Kodály (with certification) and music technology.

The degree is for individuals with significant music teaching experience. Students do not earn teacher certification through this degree program. The MME program may be completed part-time through online classes and summer study or over two academic years.

Music Education Courses Online

The following music education courses are offered in rotation during the summer in an online format. Students in the MME or BM-MME programs may take either the traditional or online format to complete their degree. Students in other degree programs may take these courses as free electives:

Code	Title	Credits
ME 685	Improving Musical Practice: Research in Music Education	3
ME 692	Social Justice in Music Education: History, Philosophy, and Practice	3
ME 721	Curriculum Development & Evaluation	3
ME 723	Social, Emotional, and Musical Learning	3
ME 693	Seminar in Music Educ	3

CP 640 Creative Practices in Choral Pedagogy is offered online during the summer and may be used as an elective in graduate music education.

Degree Offered:

- Master of Music Education (M.M.E.)

Contact

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Program Website: Westminster Choir College Graduate Programs (http://www.rider.edu/wcc/academics/graduate-programs/)

Associated Department: Department of Music Studies

Faculty

Jason Vodicka • Associate Professor, Music Education, 2018. B.M., M.M., Westminster Choir College; D.M.A., University of Georgia.
Sarah Perry • Assistant Professor, Music Education, 2021. B.S., Elizabethtown College; M.A., Ed.D., Teachers College, Columbia University.
G. Preston Wilson, Jr. • Assistant Professor, Music Education, 2021. B.M., Fisk University; M.M., Bowling Green State University.

Master of Music Education (M.M.E.) Program Requirements

(32-33 credits)

Learn more about General Graduate Policies (p. 1457).

Code	Title	Credits
ME 692	Social Justice in Music Education: History, Philosophy, and Practice	3
ME 685	Improving Musical Practice: Research in Music Education [1]	3
ME 723	Social, Emotional, and Musical Learning	3
Music Education Elective. Select one of the following courses:		**3**
ME 693	Seminar in Music Educ	
or ME 682	Choral Music Education	
or ME 721	Curriculum Development & Evaluation	
or ME 730	Pedagogy and Practice	
or ME 771	Critical Pedagogy for Music Ed	
Complete 1 credit in one of the following courses:		**1**
ME 650	Thesis	
or ME 775	MME Capstone	
Core Elective [3]		3
Music History/Music Theory Elective		3
Choral Experience [2]		1-2
Free Elective		3
Area of Emphasis [4]		9
Total Credits		**32-33**

1

ME 685 prepares students to write the thesis for the course ME 650. However, with permission of the Music Education Department students may substitute MH 731, Introduction to Musicology. Students should plan on at least one full year to complete the thesis after taking a research course.

2

Students may take any approved WCC Ensemble, including CR 509 Symphonic Choir; CR 513 Williamson Voices; CR 515 Westminster Kantorei; CR 517 Master Singers; SM 509 Jubilee Singers; SM 519 Concert Handbell Choir I; Choral Institute at Oxford; Conducting Institute; Summer Choral Festival, or another WCC ensemble by approval of the department chair.

3

The core elective must be a single, 3-credit graduate-level course outside the student's major area, area of emphasis, and/or area of applied study.

4

Emphasis must be formally presented to the department chair or advisor for approval. Suggested courses include Semminar in Music Education, Curriculum Development, Pedagogy and Practicum, Conducting, Conducting Institute, Oxford, Choral Pedagogy Institute, Kodaly I, II, III, ATM4, VC/OR/PI study, Theory/Comp., Music Theatre, Popular Music, CP, MVP courses, School of Ed. courses, etc.

Notes:

1. Students may elect to complete New Jersey approved teacher certification courses at the undergraduate level in conjunction with this degree program. Courses taken at the undergraduate degree level do not count towards the completion of the MME degree. Candidates who wish to complete teacher certification must plan on three semesters of study during the academic year.

2. Students complete a thesis as the capstone experience in the degree. Information about the thesis is contained in the Music Education Thesis and Capstone Handbook (http://www.rider.edu/sites/default/files/docs/wcc_musiced_grad_thesis-2016.pdf) found on the Music Education website. Students should plan at least one year to complete the thesis.

Courses and Descriptions

ME 650 Thesis 1 Credits
Independent research under faculty supervision leading to the writing of a master's thesis. Students register for this course in every semester or summer term in which assistance is provided by the thesis advisor.
Prerequisite(s): ME 685 (preferred) or MH 731; Permission of the Chair for Music Education is required to register for this course.

ME 682 Choral Music Education 3 Credits
This course is designed to assist choral music educators to improve their pedagogical effectiveness. This course will provide students with the knowledge, skills and dispositions necessary for developing comprehensive musicianship in the choral ensemble setting through the study of creating original music, responding to music, connecting to students and performing vocal/choral music with a primary focus on choral pedagogy, curriculum development, unit and rehearsal planning, programming, vocal development, program management, music literacy pedagogy, music technology and assessment.

ME 685 Improving Musical Practice: Research in Music Education 3 Credits
Intended for students in the MME and BM-MME degree programs, this course focuses on research as a tool for improving practice. Course members will read qualitative and quantitative research studies and consider the impact of research on their teaching. Course members will also plan and conduct original research that will help them to analyze their specific teaching contexts, identify and conduct inquiry into problems, and refine their practice as educators.

ME 692 Social Justice in Music Education: History, Philosophy, and Practice 3 Credits
The purpose of this course is two-fold. First, the course will explore the historical perspectives that have significantly shaped and informed music teaching and learning within American public education during the last century. Second, students will encounter, engage with, and interrogate philosophies and theories of practice from social justice perspectives in order to critically consider the place and purpose of music and music education within educational and societal contexts.

ME 693 Seminar in Music Educ 3 Credits
While the topics vary from year to year, international perspectives in music education form the foundation for this seminar.

ME 721 Curriculum Development & Evaluation 3 Credits
This course examines the relationship between curriculum theory and philosophy of music education. Through the study of traditional and contemporary models of curriculum development and evaluation, students broaden their understanding of curriculum as it impacts the learning process. Post modern theory consistent with the Department's commitment to Critical Pedagogy for Music Education provide the focal point for the development of curricula that enhance and support quality music education. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching.

ME 723 Social, Emotional, and Musical Learning 3 Credits
This course examines topics in psychology of music from the lens of social emotional learning. This theoretical lens will allow students to find the relationships between music-making as social and cultural practices and the development of individual and collective psychological process in music teaching and learning. Major topics include affective and physiological responses to music, musical enculturation, learning theory, well-being and wellness, musical aptitude, developmental processes, and motivation. Students will discuss literature in the psychology of music with applications to K-12 music classes and rehearsals and conduct a pilot study in an area of interest based upon knowledge from the literature.

ME 730 Pedagogy and Practice 3 Credits
This course explores the intersection of philosophy, psychology, pedagogy and practice by providing students with guided teaching experiences connected to their current teaching situation. Throughout the course, students will be challenged to evaluate their own teaching against philosophical, psychological, pedagogical, and research-based models of music instruction. In addtion to guided teaching experiences, students will participate in a weekly seminar class during which they will share and reflect on their experiences in the field and discuss topics pertinent to teaching and learning music.

ME 771 Critical Pedagogy for Music Ed 3 Credits
This course presents the fundamental concepts, contexts and constructs that define Critical Pedagogy for Music Education. It focuses on the application of critical theory as a philosophical perspective to inform decisions teachers make when planning instruction for their students.

ME 775 MME Capstone 1 Credits
Independent research leading to a completed capstone project, such as curriculum and assessment development, pedagogical publication or presentation, instructional materials, etc. The project must be approved by the department.
Prerequisite(s): ME 685 and permission of the Music Education Chair.

Master of Music: Sacred Music

Program Overview

The sacred music program offers education of the highest quality and broadest scope to sacred music majors who aspire to be leaders of the future.

The program is interdenominational and seeks to explore the excellence of various traditions of sacred music. Faculty members have wide experience and expertise in such traditions as Anglican, Lutheran, Methodist, Presbyterian, Reformed, Roman Catholic, the Synagogue and Temple tradition, and others.

Curriculum Overview

The graduate curriculum aims, on the one hand, to explore how familiar tradition can be blended with unfamiliar contemporary creativity in choral, congregational, and instrumental music for worship and, on the other hand, to provide a balanced study of theoretical matters and practical concerns. Technique, repertoire, and performance practice are therefore considered with theology, Biblical and post-Biblical religious history, and the development and practice of liturgy and worship.

Graduate courses include oratorio solo literature, conducting coaching, worship planning for the 21st century, liturgies, Bach cantatas, history of sacred music and more.

Degree Offered

- Master of Music: Sacred Music

Contact

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Program Website: Sacred Music (http://www.rider.edu/wcc/graduate-programs/sacred-music/)

Associated Department: Department of Performance Studies

Related Programs

- Master of Music: Choral Conducting (p. 1466)
- Master of Music: Sacred Music Practical Pedagogy Track (p. 1483)

Faculty

Tom T. Shelton, Jr. • Associate Professor, Sacred Music, 2012. B.M., M.M., University of North Carolina at Greensboro.
Vinroy Brown • Adjunct Instructor, Sacred Music, 2017. B.M., Westminster Choir College of Rider University.
Steve Pilkington • Associate Professor, Sacred Music, and Director of Chapel, 1992. B.A., St. Olaf College; M.M., University of Illinois; Ph.D., Drew University.
Kathleen Ebling Shaw • Adjunct Instructor, Sacred Music, 1991. B.M., Westminster Choir College.

Master of Music: Sacred Music Program Requirements

(39-42 credits)

Learn more about General Graduate Policies (p. 1607).

Code	Title	Credits
Major Area		
History		
SM 712 & SM 713	Hist of Sacred Music I and Hist of Sacred Music II	6
Theology and Practice		
SM 511	Sacred Music Lab (2 terms)	0
SM 631	Worship Planning/21st Cent.	3
SM 722	Theology, Liturgy & Worship	3
CR 517	Master Singers (3 terms)	3
CR 621 & CR 622	Choral Conducting I and Choral Conducting II	6
Select one area of Applied Study:		**7-10**
Option A: Applied Emphasis [1]		
VC 641A	Voice Primary (3 terms)	
or PI 641A	Piano Primary	
or OR 641A	Organ Primary	
or TH 645A	Composition Primary	
SM 630	Conducting Coaching [2]	
Option B: Choral Studies		
CR 524	Vocal Techniques for Choirs	
SM 630	Conducting Coaching [2]	
CR 641B	Conducting Primary (2 terms)	
Core Courses:		
MH 731	Intro to Musicology	3
CR 509	Symphonic Choir (2 terms)	2
Theory or Music History elective (1 course)		3
Core elective (1 course) [2]		3
Total Credits		**39**

1

Students selecting Option A must present a half-recital in the applied area. Departmental approval is required for all recitals. For composition primary students, the recital consists of original works composed while the student was enrolled as a graduate student at Westminster Choir College. For composition primary students, TH 625 Composition class, may be required if it is felt that class work in composition is needed prior to private study. Composition primary students must complete TH 726 as the core theory/music history elective.

2

The core elective must be a single, 3-credit graduate-level course outside the student's major area, area of emphasis, and/or area of applied study.

Academic Plan of Study

Last Edited: Nov 17, 2021 10:17am
The following educational plan is provided as a sample only. Rider students who do not declare a major during their freshman year; who change their major; or those who transfer to Rider may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Applied Emphasis (p. 1481)
Choral Studies (p. 1482)

Applied Emphasis

(39-43 Credits)

Course	Title	Credits
Year 1		
Fall Semester		
CR 509	Symphonic Choir	1
CR 517	Master Singers	1
CR 621	Choral Conducting I	3
MH 731	Intro to Musicology	3
SM 511	Sacred Music Lab	0
SM 712	Hist of Sacred Music I	3
	Semester Credit Hours	**11**
Spring Semester		
CR 509	Symphonic Choir	1
CR 517	Master Singers	1
CR 622	Choral Conducting II	3
SM 511	Sacred Music Lab	0
SM 713	Hist of Sacred Music II	3

Primary Lesson		2-3
	Semester Credit Hours	**10-11**
Year 2		
Fall Semester		
SM 631	Worship Planning/21st Cent.	3
Theory or Music History elective		3
Primary Lesson		2-3
CR 517	Master Singers	1
	Semester Credit Hours	**9-10**
Spring Semester		
SM 630	Conducting Coaching	1-2
SM 722	Theology, Liturgy & Worship	3
Core elective		3
Primary Lesson		2-3
	Semester Credit Hours	**9-11**
	Total Credit Hours for Graduation	**39-43**

Choral Studies

(39-40 Credits)

Course	Title	Credits
Year 1		
Fall Semester		
CR 509	Symphonic Choir	1
CR 517	Master Singers	1
CR 621	Choral Conducting I	3
MH 731	Intro to Musicology	3
SM 511	Sacred Music Lab	0
SM 712	Hist of Sacred Music I	3
	Semester Credit Hours	**11**
Spring Semester		
CR 509	Symphonic Choir	1
CR 517	Master Singers	1
CR 622	Choral Conducting II	3
CR 641B	Conducting Primary	1
SM 511	Sacred Music Lab	0
SM 713	Hist of Sacred Music II	3
	Semester Credit Hours	**9**
Year 2		
Fall Semester		
CR 641B	Conducting Primary	1
SM 631	Worship Planning/21st Cent.	3
CR 517	Master Singers	1
Theory or Music History elective		3
CR 524	Vocal Techniques for Choirs	3
	Semester Credit Hours	**11**
Spring Semester		
SM 630	Conducting Coaching	1-2
SM 722	Theology, Liturgy & Worship	3
Core elective		3
CR 641B	Conducting Primary	1
	Semester Credit Hours	**8-9**
	Total Credit Hours for Graduation	**39-40**

Courses and Descriptions

SM 509 Jubilee Singers 1 Credits
This auditioned ensemble is devoted to the performance of sacred music from the African-American tradition.

SM 511 Sacred Music Lab 0 Credits
Series of classes that addresses a variety of experiences in Sacred Music while rotating principal themes and ideas. Student preparation of monthly worship settings will put studied concepts into practice.

SM 517 Concert Handbell Choir II 1 Credits
Open to students who have had previous handbell experience. Intermediate to advanced repertoire, with opportunities for concert performance.

SM 519 Concert Handbell Choir I 1 Credits
A choir selected by audition from the most experienced and capable bell ringers among the student body at large. This ensemble utilizes advanced repertoire and techniques, aiming primarily at presenting concerts both on and off campus, including a two-week annual tour.

SM 525 Conductors' Repertoire Ensemble 1 Credits
An auditioned chamber ensemble, offered every semester, which provides conducting podium time and coaching to all interested members. It additionally serves the conducting needs of graduate Sacred Music majors.
Prerequisite(s): CR 215 or permission of instructor.

SM 531 Colloquium in Sacred Music 2 Credits
A lecture series/colloquium intended to address a wide variety of concerns in the field of Sacred Music while rotating principal themes and ideas.

SM 540 Choir Training/Young Singers 3 Credits
A practicum combined with study designed to teach students how to organize and direct a children's choir program that emphasizes musical training as a basic requirement. The course focuses on teaching children good vocal techniques and sight-reading skills and includes practice teaching in a local school under instructor supervision. Other areas covered include musical readiness skills, voice-change problems, and repertoire.

SM 541 Conducting Church Choirs: Pedagogy & Management 3 Credits
A practical course devoted to the building and maintenance of church music programs serving persons of all ages.

SM 621 Oratorio Solo Literature 3 Credits
A performance course surveying solo and ensemble portions of oratorios, masses, passions and cantatas from the early Baroque period to the present, with emphasis on appropriate performance techniques for stylistic integrity. Offered in rotation with other Sacred Music electives.

SM 630 Conducting Coaching 1-2 Credits
Structured preparation and faculty coaching of the culminating choral recital in the graduate Sacred Music curriculum.

SM 631 Worship Planning/21st Cent. 3 Credits
Designed to facilitate the planning of worship, this practical course will be an immersion in the musical and theological materials available to those who create worship.

SM 640 Liturgies 3 Credits
A study of the origins of liturgy, its development in the main Christian traditions, and its relation to ecclesiastical history, with particular attention given to the differing styles and traditions of liturgical music. Contemporary liturgies are viewed against this historical background.

SM 641 Hymnology 3 Credits
A study of the origins and development of Christian hymnody, with reference to the theological emphases of various periods from the beginnings to the present, aiming to arouse interest in the textual and musical content of hymns and in their effective use in worship.

SM 654 German Church Music 3 Credits
A study of church choral literature by German composers from the 16th century to the present focusing on the pre-Bach and post-Bach cantata. Class performances of selected works. Complements SM 655. Offered in rotation with other Sacred Music electives.

SM 655 Bach Cantatas 3 Credits
A study of the history, performance practices, and liturgical setting, and class performance of selected cantatas of J.S. Bach.

SM 712 Hist of Sacred Music I 3 Credits
Study and research into the history of Western Christian music and its most important genres beginning with the Old Testament and continuing until the death of J.S. Bach in 1750.

SM 713 Hist of Sacred Music II 3 Credits
Continuation of SM 712, beginning with the Classical Viennese Mass and continuing until today. Emphasis on the development of the American church and its worship music.

SM 722 Theology, Liturgy & Worship 3 Credits
A detailed study of the Bible. Principal thematic and narrative elements are correlated to the development of the church's historic liturgies and the theological principles behind them.

Master of Music in Sacred Music: Practical Pedagogy Track Online

Program Overview

This online Sacred Music program offers an education of the highest quality and broadest scope to those musicians who aspire to be leaders of their time and place. An interdenominational program, it seeks to train church musicians to a high level of competency in the traditional ways of making sacred music while also striving to engage students in new ways of achieving liturgical excellence and spiritual depth in practices that respond to the various cultural forces that continue to transform the ways in which worship is accomplished in the 21st-century.

In order to meet the needs of those musicians who may not find it feasible or expeditious to matriculate in the on-campus program offered during the academic year, this pedagogy-based track is delivered entirely online with the exception of one 3-week period during the summer of the student's own choosing. While still broad and comprehensive in its curricular design, it offers students a chance to focus on the practical side of making music for those who wish to concentrate on either working with children and youth or adults.

Degree Offered

- Master of Music: Sacred Music Practical Pedagogy Track

Contact

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Program Website: Sacred Music (http://www.rider.edu/wcc/graduate-programs/sacred-music/)
Associated Department: Department of Performance Studies

Related Programs

- Master of Music: Choral Conducting (p. 1466)
- Master of Music: Sacred Music (p. 1480)

Faculty

Tom T. Shelton, Jr. • Associate Professor and Chairperson, Sacred Music, 2012. B.M., M.M., University of North Carolina at Greensboro.
Vinroy Brown • Adjunct Instructor, Sacred Music, 2017. B.M., Westminster Choir College of Rider University; M.A., Regent University.
Steve Pilkington • Associate Professor, Sacred Music, and Director of Chapel, 1992. B.A., St. Olaf College; M.M., University of Illinois; Ph.D., Drew University.
Kathleen Ebling Shaw • Adjunct Instructor, Sacred Music, 1991. B.M., Westminster Choir College.

M.M. in Sacred Music: Practical Pedagogy Track Program Requirements (Online)

(30-31 credits)

Learn more about General Graduate Policies (p. 1457).

Code	Title	Credits
Major Area		
SM 610	Foundations of Music Ministry	2
SM 631	Worship Planning/21st Cent.	3
SM 710	Panorama of Sacred Music	3
SM 722	Theology, Liturgy & Worship	3
Core Courses		
MH 731	Intro to Musicology	3
Theory or Music History elective		3
Core Elective [1]		3
Choral Festival		2
Select one of the Tracks below:		**8-9**
Adult Choral Track		
CR 524	Vocal Techniques for Choirs	
CR 621	Choral Conducting I (OR Conducting Intensive Workshop - one week OR Choral Institute at Oxford (student must be accepted to conduct, not audit))	
SM 523	Choral Music for Adults	
SM 630	Conducting Coaching [2]	
Children's / Youth Pedagogy Track		
CR 621	Choral Conducting I (OR Conducting Intensive Workshop - one week OR Choral Institute at Oxford (student must be accepted to conduct, not audit))	
SM 524	Choral Music for Children	

SM 635	Choir Training For Children/Youth (OR Kodaly I (offered during the summer on campus))	
SM 630	Conducting Coaching [2]	
Total Credits		**30-31**

[1]

The core elective must be a single, 3-credit graduate-level course outside the student's major area of emphasis, and or area of applied study.

[2]

Recital or approved project will be with their Church or Community Choir. Conducting/Coaching will be via Skype.

Courses and Descriptions

SM 509 Jubilee Singers 1 Credits
This auditioned ensemble is devoted to the performance of sacred music from the African-American tradition.

SM 510 Conducting Adult Church Choirs: Pedagogy and Management 2 Credits
A practical, skill-based course devoted to the building and maintenance of church music programs serving adults.

SM 511 Sacred Music Lab 0 Credits
Series of classes that addresses a variety of experiences in Sacred Music while rotating principal themes and ideas. Student preparation of monthly worship settings will put studied concepts into practice.

SM 512 Conducting Children and Youth Church Choirs: Pedagogy and Management 2 Credits
A practical, skill-based course devoted to the building and maintenance of church music programs serving children and youth.

SM 517 Concert Handbell Choir II 1 Credits
Open to students who have had previous handbell experience. Intermediate to advanced repertoire, with opportunities for concert performance.

SM 519 Concert Handbell Choir I 1 Credits
A choir selected by audition from the most experienced and capable bell ringers among the student body at large. This ensemble utilizes advanced repertoire and techniques, aiming primarily at presenting concerts both on and off campus, including a two-week annual tour.

SM 523 Choral Music for Adults 1 Credits
This course is designed to acquaint the church choral director with repertoire suitable for use with adult choirs and adult ensembles. Representative repertoire from all periods of music will be discussed and analyzed. Rehearsal techniques will be incorporated regarding introducing the repertoire, skill-building development, and warm-ups. Focus will be on repertoire that can be used during special services throughout the liturgical church year.

SM 524 Choral Music for Children 1 Credits
This course is designed to acquaint the church Choral director with repertoire suitable for use with children's and youth choirs. Representative repertoire from all periods of music will be discussed and analyzed. Rehearsal techniques will be incorporated regarding introducing the repertoire, skill-building development, and warm-ups. Focus will be on repertoire that can be used during special services throughout the liturgical church year.

SM 525 Conductors' Repertoire Ensemble 1 Credits
An auditioned chamber ensemble, offered every semester, which provides conducting podium time and coaching to all interested members. It additionally serves the conducting needs of graduate Sacred Music majors.
Prerequisite(s): CR 215 or permission of instructor.

SM 531 Colloquium in Sacred Music 2 Credits
A lecture series/colloquium intended to address a wide variety of concerns in the field of Sacred Music while rotating principal themes and ideas.

SM 541 Conducting Church Choirs: Pedagogy & Management 3 Credits
A practical course devoted to the building and maintenance of church music programs serving persons of all ages.

SM 610 Foundations of Music Ministry 2 Credits
This graduate level course surveys the vocational needs, professional relationships, administrative styles, and teaching roles of the practicing church musician. In addition to an overview of professional standards, emphasis will also be placed on music engraving skills (music notation software), budgeting, recruitment, endowments and fundraising.

Master of Music: Voice Pedagogy and Performance

Program Overview

The voice program seeks to develop the musician by establishing a sound vocal technique and a thorough understanding of the singing voice, its literature and pedagogy. These tools are essential for the study and performance of vocal and choral literature and for training students as solo performers, professional teachers or choral conductors.

Capitalizing upon undergraduate work, students continue to build and demonstrate healthy vocal technique while deepening their knowledge of voice literature and pedagogy. Students develop a strong understanding of the complex relationships between music and poetry.

Curriculum Overview

Students are provided with rich experiences including private lessons, voice literature, opera, performance-based classes, voice pedagogy, voice teaching methods and a full recital. For students whose undergraduate work has not included a public recital, presentation of a 30-minute recital is required before work on the graduate recital may begin. Studio and performance classes offer frequent performance opportunities. Two fully-staged operas, one with orchestra, are presented each year. Private vocal coaching is available (fee is charged).

Please see the Voice Handbook for language requirements.

Degree Offered

- M.M. in Voice Performance and Pedagogy

Contact

Margaret Cusack, M.M.T.
Professor and Chairperson
Department of Performance Studies
Westminster Choir College
Omega House
609-896-5000, ext. 8253
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Program Website: www.rider.edu/wcc (http://www.rider.edu/wcc/)
Associated Department: Department of Performance Studies

Related Programs

- Sacred Music (p. 1480)
- Music Education (http://catalog.rider.edu/graduate/colleges-schools/westminster-college-arts/westminster-choir-college/graduate-programs/mme-music-education/)
- Music Theatre (p. 424)
- Voice Pedagogy (p. 1489)

Faculty

Margaret Cusack • Professor and Chair, Voice, and Chair of Performance Studies, 1994. B.M., M.M.T., Oberlin College.
Christopher Arneson • Professor, Voice, 2003. B.A., M.M., Binghamton University; D.M.A., Rutgers University.
Susan S. Ashbaker • Associate Professor, Voice, 2006. B.M., M.M., Southern Illinois University; M.M., University of Illinois.
Victoria Browers • Adjunct Assistant Professor, Voice, 2017. B.M., Ohio Wesleyan University, M.M. Westminster Choir College of Rider University; D.M.A. State University of New York at Stony Brook.
Faith Esham • Adjunct Assistant Professor, Voice, 2000. B.A., Columbia Union College; B.M., M.M., The Juilliard School.
Nancy Froysland Hoerl • Adjunct Assistant Professor, Voice, 1995. B.A., Moorhead State University; M.M., Westminster Choir College of Rider University.
Akiko Hosaki • Adjunct Assistant Professor, Piano, 2005. B.M., Musashino Academia Musicae; M.M., Westminster Choir College of Rider University; D.M.A., University of Minnesota.

Bryan Hymel • Visiting Artist, Voice., 2022. B.M. Loyola University, M.V.P. Westminster Choir College of Rider University

Katherine Johnson • Adjunct Assistant Professor, Voice, 2006. B.M., University of Calgary; M.M., Manhattan School of Music.

Robin Massie • Adjunct Assistant Professor, Voice, 2008. B.M., Westminster Choir College; M.M., Yale University.

Martin Néron • Adjunct Assistant Professor, Voice, 2020. B.M., Université de Montrèal; M.M. Westminster Choir College of Rider University; D.M.A., Manhattan School of Music.
Kathy Kessler Price • Professor, Voice, 2012. B.A., University of Richmond; M.M., University of Maryland; Ph.D., University of Kansas, Lawrence.
Debra Scurto-Davis • Adjunct Assistant Professor, Voice, 2004. B.M.E., Evangel College; M.M., Baylor University; S.M., University of Michigan.
Elizabeth Sutton • Adjunct Assistant Professor, Voice, 2005. B.A., Bowling Green State University; M.M., College-Conservatory of Music, University of Cincinnati.
Sally Wolf • Adjunct Assistant Professor, Voice, 2001. B.M., Kent State University; Artist Diploma, Curtis Institute of Music.
Amy Zorn • Adjunct Assistant Professor, Voice, 1996. B.M., University of Wisconsin, Madison; M.M., Boston University.

Master of Music: Voice Pedagogy and Performance Degree Requirements

(44 credits)

Learn more about General Graduate Policies (p. 1607)

Code	Title	Credits
Complete courses in the following major areas:		
Applied Primary Study		
VC 641A	Voice Primary (4 terms)	8
Performance		
CR 509	Symphonic Choir (Complete 1 credit per semester for a total of 4 semesters) [2]	4
VC 593	Opera Theater (Complete 1 credit per semester for a total of 4 semesters) [2]	4
Voice Core		
VC 553	Special Topics in Voice Performance Practice (2 semesters)	4
VC 633	Seminar in Opera Literature	3
VC 635	Seminar in Song Literature	3
VC 723	Voice Ped I: Voice Science	3
VC 724	Voice Pedagogy II: Methods	3
VC 002R	Student Recital	0
Pedagogy Elective (Select one of the following)		**3**

VC 722	Literature for Teaching	
VC 725	Voice Pedagogy III: Teaching Practicum	
VC 726	Voice Research	
VC 740	Seminar in Music Theater Pedagogy	
Core		
MH 731	Intro to Musicology	3
Theory or Music History Elective (1 course)		3
Music Education Elective (Select one of the following)		3
ME 692	Social Justice in Music Education: History, Philosophy, and Practice	
ME 685	Improving Musical Practice: Research in Music Education	
ME 723	Social, Emotional, and Musical Learning	
Total Credits		**44**

[1]

Prior to graduation, students must complete at least one year of undergraduate-level study in two of the three major European singing languages (Italian, German, and French). Students must earn a minimum grade of "C" in these courses. Grades of "C-" or below are not accepted.

[2]

Full-time graduate students are required to enroll in CR 509 and VC 593 each semester. Students who decide to enroll part-time in their final semester are not required to enroll in ensembles.

Academic Plan

The following educational plan is provided as a sample only. Students may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Course	Title	Credits
Year 1		
Fall Semester		
VC 641A	Voice Primary	2
VC 593	Opera Theater	1-2
VC 723	Voice Ped I: Voice Science	3
VC 553	Special Topics in Voice Performance Practice	2
MH 731	Intro to Musicology	3
CR 509	Symphonic Choir	1
	Semester Credit Hours	**12-13**
Spring Semester		
VC 641A	Voice Primary	2
VC 593	Opera Theater	1-2
VC 724	Voice Pedagogy II: Methods	3
VC 633 or VC 635	Seminar in Opera Literature or Seminar in Song Literature	3
CR 509	Symphonic Choir	1
	Semester Credit Hours	**10-11**
Year 2		
Fall Semester		
VC 641A	Voice Primary	2
VC 593	Opera Theater	1-2
VC 553	Special Topics in Voice Performance Practice	2
CR 509	Symphonic Choir	1
Pedagogy elective		3
MH or TH elective		3
	Semester Credit Hours	**12-13**
Spring Semester		
VC 641A	Voice Primary	2
VC 593	Opera Theater	1-2
ME elective		3
VC 633 or VC 635	Seminar in Opera Literature or Seminar in Song Literature	3
CR 509	Symphonic Choir	1
Voice Recital		
	Semester Credit Hours	**10-11**
	Total Credit Hours for Graduation	**44-48**

Courses and Descriptions

CR 509 Symphonic Choir 1 Credits
A large mixed chorus comprised of students above the lower division, including graduate students from all disciplines. The ensemble regularly performs in the region and focuses on the major choral/orchestral repertoire along with a wide variety of repertoire for large mixed chorus. Placement hearing required.

ME 685 Improving Musical Practice: Research in Music Education 3 Credits
Intended for students in the MME and BM-MME degree programs, this course focuses on research as a tool for improving practice. Course members will read qualitative and quantitative research studies and consider the impact of research on their teaching. Course members will also plan and conduct original research that will help them to analyze their specific teaching contexts, identify and conduct inquiry into problems, and refine their practice as educators.

ME 692 Social Justice in Music Education: History, Philosophy, and Practice 3 Credits
The purpose of this course is two-fold. First, the course will explore the historical perspectives that have significantly shaped and informed music teaching and learning within American public education during the last century. Second, students will encounter, engage with, and interrogate philosophies and theories of practice from social justice perspectives in order to critically consider the place and purpose of music and music education within educational and societal contexts.

ME 723 Social, Emotional, and Musical Learning 3 Credits
This course examines topics in psychology of music from the lens of social emotional learning. This theoretical lens will allow students to find the relationships between music-making as social and cultural practices and the development of individual and collective psychological process in music teaching and learning. Major topics include affective and physiological responses to music, musical enculturation, learning theory, well-being and wellness, musical aptitude, developmental processes, and motivation. Students will discuss literature in the psychology of music with applications to K-12 music classes and rehearsals and conduct a pilot study in an area of interest based upon knowledge from the literature.

MH 731 Intro to Musicology 3 Credits
Introduction to the basic tools of research in historical musicology in order to foster: (1) an awareness of the nature and scope of historical musicology as a scholarly discipline; (2) familiarity with the techniques of musicological research; (3) an understanding of the relationship between musicological research and performance practice; and (4) experience in the application of musicological techniques to specific musical works and issues. It is strongly recommended that this course be taken at the outset of graduate study. Required for all Master of Music candidates.

VC 553 Special Topics in Voice Performance Practice 2 Credits
Intensive performance coaching and lectures in the form of master classes where performance practice in selected topics will be taught by current faculty or distinguished alumni and specialists in their fields. Open to students at the sophomore level and above with permission of the instructor.

VC 593 Opera Theater 2 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 635 Seminar in Song Literature 3 Credits
An intensive study of some area of art song history and literature. The specific content of this course will change from semester to semester. Emphasis is placed upon in-depth study of the selected repertoire.

VC 722 Literature for Teaching 3 Credits
A survey of graduated teaching literature for beginning, intermediate and advanced voice students. Literature will be explored that is particularly well-suited to specific vocal issues (e.g. legato, coloratura, staccato, etc.)
Prerequisite(s): VC 723, VC 724.

VC 723 Voice Ped I: Voice Science 3 Credits
Study of voice anatomy and physiology with concentration on respiration, phonation, articulation, hearing and vocal health. Through hands-on experience in the Westminster Voice Laboratory, students explore the physics of sound, the fundamentals of musical acoustics, and acoustical elements that are unique to the human voice. Priority registration is given to M.V.P. majors and M.M. students majoring in Voice Performance and Pedagogy. Other students may enroll on a space-available basis.

VC 724 Voice Pedagogy II: Methods 3 Credits
A comparative study of various pedagogical methods and ideals. A wide range of important historical and contemporary pedagogy treatises is reviewed. Students explore exercises and vocalises for general voice development as well as techniques to address and correct specific vocal problems. Role-playing exercises are used to develop appropriate listening and teaching skills. Class participants begin supervised instruction of a volunteer singing student.

VC 725 Voice Pedagogy III: Teaching Practicum 3 Credits
Communication skills are explored and students develop a systematic approach to studio voice instruction. Each student is assigned at least two voice students (one adult and one teenager) to be taught both inside and outside of class. Emphasis is placed on becoming familiar with all voice classifications and basic vocal literature.
Prerequisite(s): VC 723.

VC 726 Voice Research 3 Credits
Peer reviewed research in voice is evaluated and research methodologies are explored. Class projects include research in historical, qualitative, quantitative, and mixed methods approaches.

VC 740 Seminar in Music Theater Pedagogy 3 Credits
Comprehensive study of various pedagogical approaches to teaching Music Theater singing techniques. Students explore exercises and vocalises for general voice development as well as techniques to address and correct specific vocal problems. Role-playing exercises are used to develop appropriate listening and teaching skills. Class participants begin supervised instruction of a volunteer singing student. The course is offered entirely online and will consist of recorded lectures, reading assignments, group discussions via discussion boards, listening assignments, and other written assignments.

Master of Voice Pedagogy: Classical Track Online

Program Overview

Westminster's Master of Voice Pedagogy program is offered entirely online and is specifically designed to serve the needs of professional singers, voice teachers, school music teachers, and voice coaches who want advanced training in the art and science of voice teaching. For those interested, there is also the option of extensive voice research. Supported by the latest developments in voice science, and thoroughly grounded in practical application, the program offers the most comprehensive training for singing teachers available anywhere. Because of the high standard required for admission to this program, applications will be considered only from candidates who can document their professional experience, and who have worked in their chosen field for at least five years since their undergraduate degree was completed.

Curriculum Overview

At least one course required to fulfill this degree is offered online each semester. Coursework is also offered during Westminster's six-week Summer Session, allowing degree candidates to maintain performance schedules and teaching jobs during the year.

The M.V.P. program includes courses in vocal pedagogy and literature, culminating in a substantial vocal pedagogy project completed under the guidance of a Westminster voice faculty member.

For students who elect applied voice study (fee is charged), weekly studio and performance classes offer frequent performance opportunities. Two fully-staged operas, one with orchestra, are presented each year. Private vocal coaching is available (a fee is charged).

Please see the Voice Handbook for language requirements.

Degree Offered

- Master of Voice Performance (M.V.P.): Voice Pedagogy Classical Track

Contact

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Program Website: www.rider.edu/wcc (http://www.rider.edu/wcc/)
Associated Department: Department of Performance Studies

Related Programs

- Voice Pedagogy and Performance (p. 1485)

Faculty

Margaret Cusack (Chair) • Professor, Voice, and Chair of Performance Studies, 1994. B.M., M.M.T., Oberlin College.
Christopher Arneson • Professor, Voice, 2003. B.A., M.M., Binghamton University; D.M.A., Rutgers University.
Susan S. Ashbaker • Associate Professor, Voice, 2006. B.M., M.M., Southern Illinois University; M.M., University of Illinois.
Victoria Browers • Adjunct Assistant Professor, Voice, 2017. B.M., Ohio Wesleyan University, M.M. Westminster Choir College of Rider University; D.M.A. State University of New York at Stony Brook.
Faith Esham • Adjunct Assistant Professor, Voice, 2000. B.A., Columbia Union College; B.M., M.M., The Juilliard School.
Akiko Hosaki • Adjunct Assistant Professor, Piano, 2005. B.M., Musashino Academia Musicae; M.M., Westminster Choir College of Rider University; D.M.A., University of Minnesota.
Bryan Hymel • Visiting Artist, Voice, 2022. B.M. Loyola University; M.V.P. Westminster Choir College of Rider University.
Katherine Johnson • Adjunct Assistant Professor, Voice, 2006. B.M., University of Calgary; M.M., Manhattan School of Music.
Robin Massie • Adjunct Assistant Professor, Voice, 2008. B.M., Westminster Choir College; M.M., Yale University.
Sean McCarther • Associate Professor, Voice, 2012. B.M., Baylor University; M.M., D.M., Indiana University.
Martin Néron • Adjunct Assistant Professor, Voice, 2020. B.M., Université de Montrèal; M.M. Westminster Choir College of Rider University; D.M.A., Manhattan School of Music.
Kathy Kessler Price • Professor, Voice, 2012. B.A., University of Richmond; M.M., University of Maryland; Ph.D., University of Kansas, Lawrence.
Debra Scurto-Davis • Adjunct Assistant Professor, Voice, 2004. B.M.E., Evangel College; M.M., Baylor University; S.M., University of Michigan.
Elizabeth Sutton • Adjunct Assistant Professor, Voice, 2005. B.A., Bowling Green State University; M.M., College-Conservatory of Music, University of Cincinnati.
Sally Wolf • Adjunct Assistant Professor, Voice, 2001. B.M., Kent State University; Artist Diploma, Curtis Institute of Music.
Amy Zorn • Adjunct Assistant Professor, Voice, 1996. B.M., University of Wisconsin, Madison; M.M., Boston University.

Master of Voice Pedagogy: Classical Track Online Program Requirements

(32 credits)

Learn more about General Graduate Requirements (p. 1607).

Program Notes

- Students with limited prior singing experience, as determined through departmental evaluation of past vocal study, performance career, and/or performing skills as demonstrated through live or recorded performance, may be required to complete up to four credits of applied voice instruction in addition to the major area course requirements. Such required developmental lessons will result in additional charges.
- In addition to the requirements below, all students must pass a diction screening test. If the student does not pass the screening test they will be required to take recommended undergraduate classes to satisfy the deficiency.

Program Requirements

Code	Title	Credits
Required Courses:		
VC 650	Pedagogy Capstone	1
VC 721	Westminster Voice Pedagogy Institute	3
VC 722	Literature for Teaching	3
VC 723	Voice Ped I: Voice Science	3
VC 724	Voice Pedagogy II: Methods	3
VC 791	Teaching Internship [1]	2
Select two of the following Literature courses:		**6**
VC 661	German Lieder	
VC 662	French Melodie	
VC 627	Opera Literature I	
VC 628	Opera Literature II	
VC 633	Seminar in Opera Literature	
Complete the following Core courses:		
MH 731	Intro to Musicology	3
One Theory (TH) or Music History (MH) course		3
Core elective course [2]		3
Total Credits		**30**

1

Students who have had significant teaching experience in American schools may petition to substitute another graduate course for VC 791. The department, if granting a substitution, will specify acceptable course alternatives.

2

The core elective must be a single, 3-credit graduate-level course outside the student's major area, area of emphasis and/or area of applied study.

Academic Plan of Study

The following educational plan is provided as a sample only. Students may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Code	Title	Credits
Pedagogy Courses		
It is preferable that the pedagogy courses be taken in the following order:		
VC 723	Voice Ped I: Voice Science	3
VC 724	Voice Pedagogy II: Methods	3
VC 722	Literature for Teaching	3
VC 791	Teaching Internship [1]	2
VC 650	Pedagogy Capstone	1
Literature Courses		
VC 661	German Lieder	3
VC 662	French Melodie	3
Core Courses		
MH 731	Intro to Musicology	3
One Theory (TH) or Music History (MH) Elective		3
Core Elective [2]		3

Free Electives [3]	5
Total Credits	**32**

1

Students who have had significant teaching experience in American schools may petition to substitute another graduate level course for VC 791. The department, if granting a substitution, will specify acceptable course alternatives

2

The core elective must be a single, 3-credit graduate-level course outside the student's major area, area of emphasis and/or area of applied study.

3

Students may fulfill free elective requirements through completion of summer workshops and/or Saturday Seminars with prior approval of the Voice Department.

Notes

1. Students with limited prior singing experience, as determined through departmental evaluation of past vocal study, performance career and/or performing skill as demonstrated through live or recorded performance, may be required to complete up to four (4) credits of applied voice instruction in addition to the major area course requirements. Such required developmental lessons will result in additional charges.

2. In addition to the above requirements, all students must demonstrate competency in at least two of the three major European singing languages (Italian, German, French). This may occur through completion of at least one year of college-level study in each language, intensive work through language institutes, or practical experience living and/or working in a foreign country, as verified by diagnostic testing at Westminster.

Courses and Descriptions

MH 731 Intro to Musicology 3 Credits
Introduction to the basic tools of research in historical musicology in order to foster: (1) an awareness of the nature and scope of historical musicology as a scholarly discipline; (2) familiarity with the techniques of musicological research; (3) an understanding of the relationship between musicological research and performance practice; and (4) experience in the application of musicological techniques to specific musical works and issues. It is strongly recommended that this course be taken at the outset of graduate study. Required for all Master of Music candidates.

VC 650 Pedagogy Capstone 1 Credits
Independent research leading to a completed capstone project, such as a pedagogical publication or presentation, development of an original or unique method of instruction, instructional materials, etc. The project must be approved by the department.

VC 661 German Lieder 3 Credits
This survey of the German Lieder begins with its roots in the 17th and 18th centuries and continues into the 20th century. Classes will involve study of Romanticism, including philosophers and poets of the 18th and 19th centuries who were important for German Lieder. The bulk of the class involves in-depth study of the Lieder of the important composers of the genre: Haydn, Mozart, Schubert, Robert and Clara Schumann, Mendelssohn, Liszt, Brahms, Wolf, Strauss, Mahler, Schoenberg, Berg, and Webern. Class sessions will involve a balance of lecture, discussion, and student performance.

VC 662 French Melodie 3 Credits
This course is designed as a survey of the song literature of France. Students examine works for voice and piano/instruments by Berlioz, Gounod, Saint-Saëns, Bizet, Faure, Duparc, Chausson, Debussy, Ravel, Messaien, Milhaud, Poulenc, and others, analyzing their relationship to larger stylistic, social, and musicological trends. Investigation will include matters of prosody, scansion, and compositional organization, with particular attention given to matters of text setting and poetic treatment. Special emphasis will be placed on important French language poets whose literary works serve as the basis for this material. Poets will include Baudelaire, Verlaine, Hugo, Rimbaud, Mallarmé, LaForgue, Maeterlinck, and others. Poetic history and form will be covered as well as important composer/poet partnerships. Class sessions will involve a balance of lecture and discussion. Works by both well-known and lesser-known composers will be included.

VC 722 Literature for Teaching 3 Credits
A survey of graduated teaching literature for beginning, intermediate and advanced voice students. Literature will be explored that is particularly well-suited to specific vocal issues (e.g. legato, coloratura, staccato, etc.) **Prerequisite**(s): VC 723, VC 724.

VC 723 Voice Ped I: Voice Science 3 Credits
Study of voice anatomy and physiology with concentration on respiration, phonation, articulation, hearing and vocal health. Through hands-on experience in the Westminster Voice Laboratory, students explore the physics of sound, the fundamentals of musical acoustics, and acoustical elements that are unique to the human voice. Priority registration is given to M.V.P. majors and M.M. students majoring in Voice Performance and Pedagogy. Other students may enroll on a space-available basis.

VC 724 Voice Pedagogy II: Methods 3 Credits
A comparative study of various pedagogical methods and ideals. A wide range of important historical and contemporary pedagogy treatises is reviewed. Students explore exercises and vocalises for general voice development as well as techniques to address and correct specific vocal problems. Role-playing exercises are used to develop appropriate listening and teaching skills. Class participants begin supervised instruction of a volunteer singing student.

VC 791 Teaching Internship 2 Credits
Teaching internship with a master teacher(s). The student will teach under faculty observation and supervision, including follow-up private discussion with the observer. In addition, students themselves observe group and private lessons and are given readings, written assignments, and/or projects associated with their own teaching. May be offered on an intensive basis in conjunction with Westminster Summer Session events, such as The High School Solo Vocal Artist and/or Vocal Institute.

Master of Voice: Voice Pedagogy Music Theater Track Online

Program Overview

Westminster's Master of Voice Pedagogy program is offered entirely online and is specifically designed to serve the needs of professional singers, voice teachers, school music teachers, and voice coaches who want advanced training in the art and science of voice teaching. This particular track focuses on the pedagogy and science associated with music theater genres. Supported by the latest developments in voice science, and thoroughly grounded in practical application, the program offers the most comprehensive training for singing teachers available anywhere in an entirely online format. Preference is given to candidates who can document their professional experience and who have worked

in their chosen field for at least three years since their undergraduate degree was completed.

Curriculum Overview

At least one course required to fulfill this degree is offered online each semester. Coursework is also offered during Westminster's six-week Summer Session, allowing degree candidates to maintain performance schedules and teaching jobs during the year.

The M.V.P.: MT Track includes courses in music theater pedagogy and literature, culminating in a substantial vocal pedagogy project completed under the guidance of a Westminster voice faculty member.

Degree Offered

- Master of Voice Performance (M.V.P.): Voice Pedagogy Music Theater Track

Contact

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Program Website: www.rider.edu/wcc (http://www.rider.edu/wcc/)
Associated Department: Department of Performance Studies

Related Programs

- Voice Pedagogy and Performance (p. 1485)

Faculty

Margaret Cusack (chair) • Professor, Voice, and Chair of Performance Studies, 1994. B.M., M.M.T., Oberlin College.
Christopher Arneson • Professor, Voice, 2003. B.A., M.M., Binghamton University; D.M.A., Rutgers University.
Susan S. Ashbaker • Associate Professor, Voice, 2006. B.M., M.M., Southern Illinois University; M.M., University of Illinois.
Victoria Browers • Adjunct Assistant Professor, Voice, 2017. B.M., Ohio Wesleyan University, M.M. Westminster Choir College of Rider University; D.M.A. State University of New York at Stony Brook.
Faith Esham • Adjunct Assistant Professor, Voice, 2000. B.A., Columbia Union College; B.M., M.M., The Juilliard School.
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Akiko Hosaki • Adjunct Assistant Professor, Piano, 2005. B.M., Musashino Academia Musicae; M.M., Westminster Choir College of Rider University; D.M.A., University of Minnesota.

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Kathy Kessler Price • Associate Professor, Voice, 2012. B.A., University of Richmond; M.M., University of Maryland; Ph.D., University of Kansas, Lawrence.
Stephen Purdy • Adjunct Assistant Professor, Voice, 2020. B.M., University of Mississippi, M.V.P., Westminster Choir College of Rider University.
Debra Scurto-Davis • Adjunct Assistant Professor, Voice, 2004. B.M.E., Evangel College; M.M., Baylor University; S.M., University of Michigan.
Elizabeth Sutton • Adjunct Assistant Professor, Voice, 2005. B.A., Bowling Green State University; M.M., College-Conservatory of Music, University of Cincinnati.
Sally Wolf • Adjunct Assistant Professor, Voice, 2001. B.M., Kent State University; Artist Diploma, Curtis Institute of Music.
Amy Zorn • Adjunct Assistant Professor, Voice, 1996. B.M., University of Wisconsin, Madison; M.M., Boston University.

Master of Voice Pedagogy: Music Theater Track Program Requirements

Learn more about General Graduate Requirements (p. 1607).

(32 credits)

Code	Title	Credits
Complete the following courses:		
VC 650	Pedagogy Capstone	1
VC 721	Westminster Voice Pedagogy Institute	3
VC 722	Literature for Teaching	3
VC 723	Voice Ped I: Voice Science	3
VC 740	Seminar in Music Theater Pedagogy	3
VC 741	Music Theater Literature I	3
VC 742	Music Theater Literature II	3
VC 791	Teaching Internship [2]	2
Core Requirements:		
MH 731	Intro to Musicology	3
Core Elective [1]		3
Theory or History elective		3
Total Credits		**30**

1 The core elective must be a single, 3-credit graduate-level course outside the student's major area, area of emphasis and/or area of applied study.

2 Students who have had significant teaching experience in American schools may petition to substitute another graduate course for VC 791. The department, if granting, will specify acceptable course alternatives.

Academic Plan of Study

The following educational plan is provided as a sample only. Students may follow a different plan to ensure a timely graduation. Each student, with guidance from his or her academic advisor, will develop a personalized educational plan.

Code	Title	Credits
Pedagogy Courses		
VC 723	Voice Ped I: Voice Science	3
VC 741	Music Theater Literature I	3
VC 740	Seminar in Music Theater Pedagogy	3

VC 742	Music Theater Literature II	3
VC 722	Literature for Teaching	3
VC 791	Teaching Internship [1]	2
VC 650	Pedagogy Capstone	1
Core Course		
MH 731	Intro to Musicology	3
Core Elective [2]		
Theory or History Elective		
Free Electives for five credits total [3]		

1

Students who have had significant teaching experience in American schools may petition to substitute another graduate level course for VC 791. The department, if granting a substitution, will specify acceptable course alternatives.

2

The core elective must be a single, 3 credit graduate-level course outside of the student's major area, area of emphasis, and/or area of applied study.

3

Students may fulfill free elective requirements through completion of summer workshops and/or Saturday Seminars with prior approval of the Voice Department.

Courses and Descriptions

MH 731 Intro to Musicology 3 Credits
Introduction to the basic tools of research in historical musicology in order to foster: (1) an awareness of the nature and scope of historical musicology as a scholarly discipline; (2) familiarity with the techniques of musicological research; (3) an understanding of the relationship between musicological research and performance practice; and (4) experience in the application of musicological techniques to specific musical works and issues. It is strongly recommended that this course be taken at the outset of graduate study. Required for all Master of Music candidates.

VC 650 Pedagogy Capstone 1 Credits
Independent research leading to a completed capstone project, such as a pedagogical publication or presentation, development of an original or unique method of instruction, instructional materials, etc. The project must be approved by the department.

VC 722 Literature for Teaching 3 Credits
A survey of graduated teaching literature for beginning, intermediate and advanced voice students. Literature will be explored that is particularly well-suited to specific vocal issues (e.g. legato, coloratura, staccato, etc.) **Prerequisite**(s): VC 723, VC 724.

VC 723 Voice Ped I: Voice Science 3 Credits
Study of voice anatomy and physiology with concentration on respiration, phonation, articulation, hearing and vocal health. Through hands-on experience in the Westminster Voice Laboratory, students explore the physics of sound, the fundamentals of musical acoustics, and acoustical elements that are unique to the human voice. Priority registration is given to M.V.P. majors and M.M. students majoring in Voice Performance and Pedagogy. Other students may enroll on a space-available basis.

VC 740 Seminar in Music Theater Pedagogy 3 Credits
Comprehensive study of various pedagogical approaches to teaching Music Theater singing techniques. Students explore exercises and vocalises for general voice development as well as techniques to address and correct specific vocal problems. Role-playing exercises are used to develop appropriate listening and teaching skills. Class participants begin supervised instruction of a volunteer singing student. The course is offered entirely online and will consist of recorded lectures, reading assignments, group discussions via discussion boards, listening assignments, and other written assignments.

VC 741 Music Theater Literature I 3 Credits
Survey and analysis of Music Theater literature from its roots in Tin Pan Alley through Kander and Ebb. Students will explore the synergistic relationships among text, music, and style and discuss the influence of society and politics on the genre. The course is offered entirely online and will consist of recorded lectures, reading assignments, group discussions via discussion boards, listening assignments and other written assignments.

VC 742 Music Theater Literature II 3 Credits
Survey and analysis of Music Theater Literature from Sondheim to the present. Students will explore the synergistic relationships among text, music, and style and discuss the influence of society and politics on the genre. The class will also discuss the integration of pop/rock and other contemporary substyles within the genre. The course is offered entirely online and will consist of recorded lectures, reading assignments, group discussions via discussion boards, listening assignments and other written assignments.

VC 742 Music Theater Literature II 3 Credits
Survey and analysis of Music Theater Literature from Sondheim to the present. Students will explore the synergistic relationships among text, music, and style and discuss the influence of society and politics on the genre. The class will also discuss the integration of pop/rock and other contemporary substyles within the genre. The course is offered entirely online and will consist of recorded lectures, reading assignments, group discussions via discussion boards, listening assignments and other written assignments.

VC 791 Teaching Internship 2 Credits
Teaching internship with a master teacher(s). The student will teach under faculty observation and supervision, including follow-up private discussion with the observer. In addition, students themselves observe group and private lessons and are given readings, written assignments, and/or projects associated with their own teaching. May be offered on an intensive basis in conjunction with Westminster Summer Session events, such as The High School Solo Vocal Artist and/or Vocal Institute.

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Graduate Programs and Certificates

The list of programs below includes those offered by all colleges and schools at Rider University.

Program	Degree	Certificate	Concentration
Adult Services and Behavioral Gerontology Certificate (p. 1459)		✓	
Adult-Gerontology Primary Care Nurse Practitioner (p. 1471)	✓	✓	
Applied Psychology (M.A.) (p. 1460)	✓		
Athletic Leadership (M.A.) (p. 1373)	✓		
Bilingual Education Endorsement Certificate (p. 1377)		✓	
Business Analytics Graduate Certificate (p. 1332)		✓	
Choral Conducting (p. 1466)	✓		
Choral Pedagogy (p. 1464)	✓		
Clinical Mental Health Counseling (including CMHC with a Dance/ Movement Therapy concentration) (M.A.) (p. 1378)	✓		✓
Comprehensive Business (K-12) (p. 1384)		✓	
Concentrations for MBA MACC and EMBA Students (p. 1334)			✓
Counseling Services (M.A.) (p. 1385)	✓		
Cybersecurity (M.S.) (p. 1468)	✓	✓	
Dance Education (K-12) (p. 1389)		✓	
Doctor of Educational Leadership (p. 1391)	✓		
Dual Degrees (p. 1338)	✓		
Early Childhood (P-3) (p. 1395)		✓	
Educational Leadership (M.A.) (p. 1397)	✓		
Elementary (K-6) (p. 1401)		✓	

English (K-12) (p. 1402)		✓
English as a Second Language/ESL (K-12) (p. 1403)		✓
English as a Second Language/ESL Endorsement Certificate (K-12) (p. 1405)		✓
Family Nurse Practitioner (p. 1471)	✓	✓
Forensic Accounting Graduate Certificate (p. 1341)		✓
Graduate Concentrations for MBA MAcc and EMBA Students (p. 1334)	✓	
Higher Education Leadership Certificate (p. 1406)		✓
Life and Career Coaching Certificate (p. 1407)		✓
Master of Accountancy (p. 1342)	✓	
Master of Business Administration (p. 1345)	✓	
Master of Science in Information Systems (p. 1351)	✓	
Mathematics (K-12) (p. 1409)		✓
Music (K-12) (p. 1410)		✓
Music Education (M.M.E.) (p. 1478)	✓	
NJ Alternate Route Teacher Certification (p. 1412)		✓
Online Master of Accountancy (p. 1355)	✓	
Online Master of Business Administration (p. 1357)	✓	
Organizational Leadership (M.A.) (p. 1416)	✓	
Post Baccalaureate Accounting Certificate (p. 1361)		✓
Post-Baccalaureate Teacher Certificate Program (p. 1420)		✓
Principal Certificate (p. 1421)		✓
Psychiatric-Mental Health Nurse Practitioner (p. 1471)	✓	✓
Reading Specialist Endorsement (p. 1423)		✓
Sacred Music (p. 1480)	✓	
Sacred Music Practical Pedagogy Online (p. 1483)	✓	
School Psychology (Ed.S.) (p. 1424)	✓	
Science Certificate in Biological Science Chemistry Earth Science Physical Science and/or Physics (K-12) (p. 1428)		✓
Social Studies (K-12) (p. 1429)		✓
Special Education (M.A.) (p. 1431)	✓	

Special Education Teaching Certification (Teacher of Students with Disabilities (TOSD)) (p. 1433)		✓
Sport Management Graduate Certificate (p. 1363)		✓
Student Assistance Coordinator Certificate (p. 1435)		✓
Supervisor of Instruction Certificate (p. 1437)		✓
Talent and Organizational Development Certificate (p. 1439)		✓
Teacher Leadership (M.A.) (p. 1440)	✓	
Teacher Leadership Professional Development Certificate (p. 1449)		✓
Teaching English to Speakers of Other Languages (TESOL) (p. 1451)		✓
Teaching (MAT) (p. 1452)	✓	
Theater Education (K-12) (p. 1453)		✓
Voice Pedagogy and Performance (p. 1485)	✓	
Voice Pedagogy: Classical Track Online (p. 1487)	✓	
Voice Performance: Voice Pedagogy Music Theater Track Online (p. 1489)	✓	
World Languages Certificate in French or Spanish (K-12) (p. 1455)		✓

The list of programs below includes those offered by each college or school at Rider University.

Norm Brodsky College of Business (p. 1503)
College of Education and Human Services (p. 1504)
College of Arts and Sciences:
School of Science and Technology (p. 1504)
School of Humanities and Social Sciences (p. 1504)
Westminster Choir College (p. 1504)

Norm Brodsky College of Business

Program	Degree	Certificate	Concentration
Business Analytics Graduate Certificate (p. 1332)		✓	
Concentrations for MBA MACC and EMBA Students (p. 1334)			✓
Dual Degrees (p. 1338)	✓		
Forensic Accounting Graduate Certificate (p. 1341)		✓	
Master of Accountancy (p. 1342)	✓		
Master of Business Administration (p. 1345)	✓		
Master of Science in Information Systems (p. 1351)	✓		
Online Master of Accountancy (p. 1355)	✓		
Online Master of Business Administration (p. 1357)	✓		

Post-Baccalaureate Accounting Certificate (p. 1361)	√	
Sport Management Graduate Certificate (p. 1363)	√	

College of Education and Human Services

Program	Degree	Certific	Concentration
Athletic Leadership (M.A.) (p. 1373)	√		
Bilingual Education Endorsement Certificate (p. 1377)		√	
Clinical Mental Health Counseling (M.A.) (including CMHC with a Dance/Movement Therapy concentration) (p. 1378)	√		
Comprehensive Business (K-12) (p. 1384)		√	
Counseling Services (M.A.) (p. 1385)	√		
Dance Education (K-12) (p. 1389)		√	
Doctor of Educational Leadership (Ed.D.) (p. 1391)	√		
Early Childhood (P-3) (p. 1395)		√	
Educational Leadership (M.A.) (p. 1397)	√		
Elementary (K-6) (p. 1401)		√	
English (K-12) (p. 1402)		√	
English as a Second Language/ESL (K-12) (p. 1403)		√	
English as a Second Language/ESL Endorsement Certificate (K-12) (p. 1405)		√	
Higher Education Leadership Certificate (p. 1406)		√	
Life and Career Coaching Certificate (p. 1407)		√	
Mathematics (K-12) (p. 1409)		√	
Music (K-12) (p. 1410)		√	
NJ Alternate Route Teacher Certification (p. 1412)		√	
Organizational Leadership (M.A.) (p. 1416)	√		
Post-Baccalaureate Teacher Certificate Program (p. 1420)		√	
Principal Certificate (p. 1421)		√	
Reading Specialist Endorsement (p. 1423)		√	
School Psychology (Ed.S.) (p. 1424)	√		
Science Certificate in Biological Science Chemistry Earth Science Physical Science and/or Physics (K -12) (p. 1428)		√	
Social Studies (K-12) (p. 1429)		√	
Special Education (M.A.) Online (p. 1431)	√		
Special Education Teaching Certification (Teacher of Students with Disabilities (TOSD)) (p. 1433)		√	
Student Assistance Coordinator Certificate (p. 1435)		√	
Supervisor of Instruction Certificate (p. 1437)		√	
Talent and Organizational Development Certificate (p. 1439)		√	
Teacher Leadership (M.A.) (p. 1440)	√		
Teacher Leadership Professional Development Certificate (p. 1449)		√	
Teaching English to Speakers of Other Languages (TESOL) (p. 1451)		√	
Teaching (M.A.T.) (p. 1452)	√		
Theater Education (K-12) (p. 1453)		√	
World Languages Certificate in French or Spanish (K-12) (p. 1455)		√	

College of Arts and Sciences

School of Science and Technology

Program	Degree	Certific	Concentration
Adult-Gerontology Primary Care Nurse Practitioner (p. 1471)	√	√	
Cybersecurity (M.S.) (p. 1468)	√	√	
Family Nurse Practitioner (p. 1471)	√	√	
Master of Science in Nursing and Post-Master's Certificate (p. 1471)	√	√	
Psychiatric-Mental Health Nurse Practitioner (p. 1471)	√	√	

School of Humanities and Social Sciences

Program	Degree	Certific	Concentration
Adult Services and Behavioral Gerontology Certificate (p. 1459)		√	
Applied Psychology (M.A.) (p. 1460)	√		

Westminster Choir College

Program	Degree	Certificate	Concentration
Choral Pedagogy (p. 1464)	√		
Choral Conducting (p. 1466)	√		
Music Education (M.M.E.) (p. 1478)	√		
Sacred Music (p. 1480)	√		
Sacred Music Practical Pedagogy Track Online (p. 1483)	√		
Voice Pedagogy and Performance (p. 1485)	√		
Voice Pedagogy: Classical Track Online (p. 1487)	√		

Voice Pedagogy ✓
Music Theater
Track Online
(p. 1489)

Courses and Descriptions

Use our comprehensive keyword (p. 14) search (p. 14) **to find the courses you are interested in.**

Advanced Practice Registered Nurse (APRN)

Courses and Descriptions

APRN 5001 Socialization to the APRN Role 3 Credits
The course will examine the critical issues that define the APRN's scope of practice and nurse practitioner competencies. Issues related to health policy, interprofessional collaborative practice, team building, conflict resolution, and leadership will be discussed. Guidelines for resolving professional legal and ethical issues that are often confronted in APRN practice will be analyzed.

APRN 5002 Applied Theory for the APRN Role 3 Credits
This course will demonstrate the use of science-based theories to analyze healthcare delivery at the patient, family, community and organizational levels in order to improve health outcomes. Theories addressing nursing practice, teaching and learning, health behaviors, and families within the context of cultural influences will be explored. Issues related to ethical decision making and advocacy in APRN practice will be analyzed.

APRN 5003 Advanced Pathophysiology 3 Credits
This course analyzes alterations in various physiological systems. General physiological and pathophysiological principles that regulate inflammation, cellular/tissue repair, genetics, immunity, and cancer will be discussed. Pathophysiology of disease processes in primary care conditions across the lifespan will be examined.

APRN 5004 Clinical Prevention and Population Health 3 Credits
This course will enable students to analyze epidemiological and biostatistical data in the development, implementation, and evaluation of clinical prevention and population health initiatives. Concepts of public health, health promotion, morbidity and mortality, determinants of health, and cultural diversity and sensitivity will be incorporated into the advanced practice nursing role.

APRN 5005 Research and Quality Improvement 3 Credits
This course builds a foundation for advanced clinical scholarship and healthcare improvement while developing skills in analytical methods for evidence-based practice. Concepts of quality process, regulatory practices, root cause analysis, and problem identification will be explored.

APRN 5006 Health Delivery and Information Systems 3 Credits
This course focuses on trends, issues, and policies related to the transformation of the U.S. health care system. Emphasis will be placed on the economics of care and equity, access, and quality of the health care system. The role of the APRN in the utilization of information systems to reduce health disparities and promote quality initiatives will be presented.

APRN 5007 Advanced Physical Assessment 3 Credits
This course builds upon scientific underpinnings to enable the learner to develop a holistic approach to culturally sensitive health assessment including health related behaviors across the life span. The student begins to synthesize data in diagnostic reasoning to determine appropriate and effective healthcare strategies, including disease prevention, health promotion and health restoration. This course includes in-person, faculty guided clinical experiences.
Prerequisite(s): APRN 5003.

APRN 5008 Advanced Pharmacology 3 Credits
This course is designed to meet the needs of APRNs that are eligible for prescriptive privileges. Content will focus on the pharmacological management of self-limited, episodic complaints and stable chronic disease states across the life span. Emphasis is placed on the decision-making process utilized to safely and effectively prescribe and monitor pharmacotherapeutics appropriate to the client situation. Prerequisite(s): APRN 5003.
Corequisite(s): APRN 5007.

APRN 5009 Primary Care of Young Adult 3 Credits
This course focuses on the care of young adults and women. Course content includes developmental, physiological, pathological, and psychosocial changes relative to primary, secondary and tertiary prevention, health maintenance, acute and chronic illnesses and life transitions as well as application of U.S. health promotion guidelines and screening for young adults and women. Emphasis is on the nurse practitioner role as a collaborative health care team member and advocate for young adults and women. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5010.

APRN 5010 Young Adult Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in APRN 5009 - Primary Care of the Young Adult. The focus is on primary care of the young adult client and women. Students will utilize the necessary resources in health care to optimize health in these populations. Students will complete 180 clinical hours. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5009.

APRN 5011 Primary Care of the Middle-Aged Adult 3 Credits
This course focuses on the health state of middle-aged adults. Course content includes developmental, physiological, pathological, and psychosocial changes relative to primary, secondary and tertiary prevention, health maintenance, acute and chronic illnesses and life transitions, as well as application of U.S. health promotion guidelines and screening for middle-aged adults. Emphasis is on the nurse practitioner role as a collaborative health care team member and client advocate for acute and chronic illnesses of adults. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5012.

APRN 5012 Middle-Aged Adult Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in APRN 5011 - Primary Care of the Middle-Aged Adult. The focus is on primary care of common acute and chronic disease processes of the middle-aged population. Students will utilize the necessary resources in health care to optimize health in these populations. Students will complete 180 clinical hours. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5011.

APRN 5013 Primary Care of the Older Adult 3 Credits
This course focuses on the health state of older adults. Course content includes developmental, physiological, pathological, and psychosocial changes relative to primary, secondary and tertiary prevention, health maintenance, acute and chronic illnesses and life transitions, as well as application of U.S. health promotion guidelines and screening for older adults. Emphasis is on the nurse practitioner role as a collaborative health care team member and client advocate for acute and chronic illnesses of older adults. Prerequisite(s): APRN 5011, APRN 5012.
Corequisite(s): APRN 5014.

APRN 5014 Older Adult Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in APRN 5013 - Primary Care of the Older Adult. The focus is on primary care of common acute and chronic disease processes of the older adult population. Students will utilize the necessary resources in health care to optimize health in these populations. Students will complete 180 clinical hours. Prerequisite(s): APRN 5011, APRN 5012.
Corequisite (s): APRN 5013.

APRN 5015 Primary Care of the Pediatric and Perinatal Patient 3 Credits
This course focuses on the health state of pediatric and perinatal patient populations. Course content includes developmental, physiological, pathological, and psychosocial changes relative to primary, secondary and tertiary prevention, health maintenance, acute and chronic illnesses and life transitions as well as application of U.S. health promotion guidelines and screening for pediatric and perinatal patients. Emphasis is on the nurse practitioner role as a collaborative health care team member and client advocate for acute and chronic illnesses of adults. Prerequisite(s): APRN 5013, APRN 5014.
Corequisite9s): APRN 5016.

APRN 5016 Pediatric Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in Primary Care of the Pediatric and Perinatal Patient. The focus is on primary care of common acute and chronic disease process of the pediatric and perinatal populations. Students will utilize the necessary resources in health care to optimize health in these populations. Students will complete 120 clinical hours. Prerequisite(s): APRN 5013, APRN 5014.
Corequisite(s): APRN 5015.

APRN 5017 Acute Care I 3 Credits
This course examines advanced practice nursing and healthcare management of adolescents and young adults in acute care settings. This course provides a foundation for the advanced practice nurse working in acute care practice settings to have entry level competencies for the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) to build on the core competencies for all nurse practitioners. Emphasis on the nurse practitioner role as a collaborative healthcare team member and advocate for adolescents and young adults in the acute care setting. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5018.

APRN 5018 Acute Care I Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in Acute Care I. This course focuses primarily on transitioning from an expert registered nurse role to the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) student role that is working in a variety of acute care settings. Students will utilize the necessary resources in health care to optimize health in these populations. Prerequisite(s): APRN 5007, APRN 5008.
Corequisite(s): APRN 5017.

APRN 5019 Acute Care II 3 Credits
This course is designed to foster development of clinical competency in acute care settings for middle-aged adult patients. This course provides a foundation for the advanced practice nurse working in acute care practice settings to have entry level competencies for the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) to build on the core competencies for all nurse practitioners. Emphasis on the nurse practitioner role as a collaborative healthcare team member and advocate for adolescents and young adults in the acute care setting. Prerequisite(s): APRN 5017, APRN 5018.
Corequisite(s): APRN 5020.

APRN 5020 Acute Care II Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in Acute Care II. This course focuses primarily on transitioning from an expert registered nurse role to the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) student role that is working in a variety of acute care settings. Students will utilize the necessary resources in health care to optimize health in these populations. Prerequisite(s): APRN 5017, APRN 5018.
Corequisite(s): APRN 5019.

APRN 5021 Acute Care III 3 Credits
This course is designed to foster development of clinical competency in acute care settings for the older adult and frail elderly patient population (ages 65-74 and 75+). This course provides a foundation for the advanced practice nurse working in acute care practice settings to have entry level competencies for the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) to build on the core competencies for all nurse practitioners. Emphasis on the nurse practitioner role as a collaborative healthcare team member and advocate for adolescents and young adults in the acute care setting. Prerequisite(s): APRN 5019, APRN 5020.
Corequisite(s): APRN 5022.

APRN 5022 Acute Care III Practicum 3 Credits
This practicum provides a clinical setting for the integration of classroom material presented in Acute Care III. This course focuses primarily on transitioning from an expert registered nurse role to the Adult Gerontology Acute Care Nurse Practitioner (AGACNP) student role that is working in a variety of acute care settings. Students will utilize the necessary resources in health care to optimize health in these populations. Prerequisite(s): APRN 5019, APRN 5020.
Corequisite(s): APRN 5021.

APRN 5023 Advanced Psychopharmacology 2 Credits
The course builds on the knowledge from advanced pharmacology and provides an in-depth examination of drug classifications related to the treatment of psychiatric disorders across the lifespan. The pharmacokinetics and pharmacodynamics of psychopharmacologic agents and therapeutic treatment plans will be emphasized. Special topics on issues related to polypharmacology, drug abuse, and psychiatric-mental health nurse practitioner prescribing issues are discussed. Prerequisite(s): APRN 5008
Corequisite(s): APRN 5024, APRN 5025.

APRN 5024 Psychiatric Assessment and Diagnosis 3 Credits
This course will examine the advanced concepts of assessment and differential diagnosis in advanced practice, psychiatric-mental health nursing. The Diagnostic and Statistical Manual of Mental Disorders (DSM–5) will be used in clinical decision making to determine screening, assessment, diagnostic studies, and differential diagnoses for psychiatric disorders across the lifespan. A holistic approach to assessment will be incorporated by examining social, genetic, cultural, ethnic, and gender elements in psychiatric illnesses. Prerequisite(s): APRN 5007
Corequisite(s): APRN 5023, APRN 5025.

APRN 5025 Foundations in Therapy 2 Credits
This course provides a foundation in the application of psychotherapeutic interventions to the management of psychiatric disorders for individuals, families, and groups across the lifespan. The practice of psychotherapy and crisis intervention in the psychiatric-mental health nurse practitioner role will be examined in relation to cultural, ethical, moral, and legal issues.
Corequisite(s): APRN 5023, 5024.

APRN 5026 Psychiatric-Mental Health I 3 Credits
This course will examine the Psychiatric Mental Health Nurse Practitioner (PMHNP) role in health promotion, disease prevention, diagnosis, and management in psychiatric practice with diverse adult populations. Emphasis is on the nurse practitioner role as a collaborative health care team member and advocate for adults with psychiatric disorders. Prerequisite(s): APRN 5023, APRN 5024, APRN 5025
Corequisite(s): APRN 5027.

APRN 5027 Psychiatric-Mental Health Practicum I 3 Credits
This practicum course provides a clinical setting for the integration of classroom material presented in Psychiatric-Mental Health I. The focus is on psychiatric health care of adults. Students will utilize the necessary resources in health care to optimize health in this population. The nurse practitioner's role as a collaborative member of the interprofessional team will be evaluated.
Corequisite(s): APRN 5026.

APRN 5028 Psychiatric-Mental Health II 3 Credits
This course will examine the Psychiatric Mental Health Nurse Practitioner (PMHNP) role in health promotion, disease prevention, diagnosis, and management in psychiatric practice with diverse older adult populations. Complex disorders will be examined. Emphasis is on the nurse practitioner role as a collaborative health care team member and advocate for older adults with psychiatric disorders. Prerequisite(s): APRN 5026, APRN 5027
Corequisite(s): APRN 5029.

APRN 5029 Psychiatric-Mental Health Practicum II 3 Credits
This practicum course provides a clinical setting for the integration of classroom material presented in Psychiatric-Mental Health II. The focus is on psychiatric health care of older adults. Students will utilize the necessary resources in health care to optimize health in this population. The nurse practitioner's role as a collaborative member of the interprofessional team will be evaluated.
Corequisite(s): APRN 5028.

APRN 5030 Psychiatric-Mental Health III 3 Credits
This course will examine the Psychiatric Mental Health Nurse Practitioner (PMHNP) role in health promotion, disease prevention, diagnosis, and management in psychiatric practice with diverse pediatric populations and families. Emphasis is on the nurse practitioner role as a collaborative health care team member and advocate for children with psychiatric disorders. Prerequisite(s): APRN 5028, APRN 5029
Corequisite(s): APRN 5031.

APRN 5031 Psychiatric-Mental Health Practicum III 3 Credits
This practicum course provides a clinical setting for the integration of classroom material presented in Psychiatric-Mental Health III. The focus is on psychiatric health care of pediatric patients and families. Students will utilize the necessary resources in health care to optimize health in these populations. The nurse practitioner's role as a collaborative member of the interprofessional team will be evaluated.
Corequisite(s): APRN 5030.

APRN 5032 APRN Role Immersion 3 Credits
This course is the final role immersion of adult-gerontology primary care and psychiatric mental health nurse practitioner concentration students. Students will collaborate with faculty to reflect on their clinical knowledge, skills, and experiences in the planning of personal practice short- and long-term goals for their NP role. The clinical immersion will support the students in the planning and meeting of their professional goals and foster the synthesis of the knowledge, skills, and experiences in the NP concentration courses.
Prerequisite(s): APRN 5013, APRN 5031.

Arts & Sciences (AS)

AS 691 Arts & Science Internship 1-3 Credits
This course requires 15 hours for each credit for which the student enrolls. The internship requires on-site participation at a pre-approved site. Students may enroll for a maximum of 3 credits.
Prerequisite(s): graduate standing.

Athletic Leadership (ATHL)

Courses and Descriptions

ATHL 501 Sport Psychology 3 Credits
This course covers psychological and social-psychological antecedents and consequences of exercise, physical activity, and sports participation. Emphasizes theory and research on personality, motivation, arousal, cognition, attributions, attitudes, self-efficacy, leadership effectiveness, and group dynamics. Emphasis is placed on applications for maximizing effectiveness while serving in the position of coach or administrator.
Prerequisite(s): Permission of Program Director.

ATHL 502 Evidence-Based Research and Athletics 3 Credits
This course in research methods prepares the student to understand materials and issues associated with but not limited to the logic of the scientific method, research design, and qualitative and statistical analysis of data. Students will be afforded the opportunity to conduct research in the course on topics.
Prerequisite(s): Permission of Program Director.

ATHL 503 Strength, Speed, and Conditioning 3 Credits
Emphasis will be placed upon assessment, description, and analysis of sport movement and designing training programs to enhance performance variables. While this course will assist those who desire to sit for the National Strength and Conditioning Association's (NSCA) Certified Exam, it is NOT a preparation course for the NSCA-CSCS exam.
Prerequisite(s): Permission of Program Director.

ATHL 504 Seminar in Athletic Training 3 Credits
Introduces the profession of athletic training and the basic principles of preventative care commonly used in the profession. Topics will include athletic training facility organization and procedures; protective sports equipment; construction of protective devices; and application of protective taping, braces, wrapping, and protective pads. Areas to be studied include the role of the athletic trainer in sports medicine, mechanisms of athletic injuries, tissue response to injury, blood-borne pathogens, introductory techniques of the assessment and evaluation of athletic injuries and emergency procedures.
Prerequisite(s): Permission of Program Director.

ATHL 505 Athletic Communication and Marketing 3 Credits
Seminar in Sports Media and Communication is a critical examination of the symbiotic relationship between the mass media and professional sports franchises and major college athletic programs. This course deals with the workings and processes behind executing the proper techniques of sports information and media relations, as well as an analysis of the culture of sports in modern society. Students will develop a practical focus on sports information and promotion, including the role of the sports information director and events promoter, with emphasis on advanced concepts of public relations, publicity and marketing.
Prerequisite(s): Permission of Program Director.

ATHL 506 Athletic Facilities Management 3 Credits
Seminar in Facilities Management and Event Planning provides an examination of principles and techniques of planning and operating sport facilities. Emphasizes the principles and concepts of organization and administration including communication, personnel management, management of physical resources, and risk management. Examines a variety of sport operations such as indoor stadiums, athletic field complexes, and managing recreation and intramural activities.
Prerequisite(s): Permission of Program Director.

ATHL 507 Athletic Governance and Policy 3 Credits
Students in this course will explore principles, techniques, and processes related to the management of college athletics. It is important in today's dynamic environment of collegiate athletics that students value effective leadership and management principles. Through analyzing case studies, students will demonstrate problem solving related to handling athletic personnel and program issues. Studying collegiate athletic administration involves interpreting NCAA By-laws, including a comparison between Division I, II, and III compliance regulations. To ensure readiness for athletic management, students will evaluate the duties of an athletic director and create a strategic plan for an athletic department, including a mission statement and comprehensive budget. Lastly, students will characterize the critical steps to getting hired in collegiate athletics. Students will also prepare a portfolio, including an application letter and resume customized for applying for a position in athletic administration at the collegiate level. At the end of the course, students will understand the primary duties of the athletic director and the intricacies of managing an intercollegiate athletic program.
Prerequisite(s): Permission of Program Director.

ATHL 508 Athletic Risk Management & Wellness 3 Credits
Students in this course will explore proactive approaches to managing risks associated with conducting health, physical education, recreation and outdoor education programs. This course will emphasize safety as a foundation of quality program planning. Students will study governing associations and leadership/management skills required to be successful in the world of college athletics.
Prerequisite(s): Permission of Program Director.

ATHL 509 Seminar in Legal and Ethical Issues in Athletics 3 Credits
The purpose of the course is to familiarize the students with the business of sports and various issues related to sports management. Legal, ethical, economic, social and managerial issues related to sports will be addressed. Sports law issues that will be covered include tort law, contract law, employment discrimination, antitrust law and constitutional law. Also covered will be the structures and authority of the organizations involved in amateur and professional athletics.
Prerequisite(s): Permission of Program Director.

ATHL 514 Women and Sports 3 Credits
Women and Sport focuses on women winning access to the playing field as well as the front office in sport. Using research-based materials, course members will gain an understanding of how women have been involved in sport and physical activity, how women have struggled for widespread recognition and legitimacy, how women continue to carve out their role in shaping sport as it is known today, in the future, and society's ongoing conversation about what it means to be a female athlete or a woman working in sport.

ATHL 515 Athletic Leadership 3 Credits
In any profession or endeavor, the attitude and overall culture of a team is a direct reflection of its leadership. In the sports realm, there are many different leadership approaches that have been considered effective. This course will provide an overview of these approaches based on a comprehensive review of the literature related to sport leadership. The primary goals of this course are to help current and aspiring sport leaders gain a better understanding of effective leadership, to provide the necessary tools in developing effective leaders, and to provide networking opportunities for individuals who share similar goals and aspirations across various domains. The leadership principles may be beneficial to individuals in a variety of settings. This course offers coaches, administrators, players, and scholars the opportunity to learn and apply leadership principles within various contexts.

ATHL 516 Sport Analytics 3 Credits
This course will discuss the theory, development, and application of analytics in sports and the application of analytics in sports for purposes of in-game strategy, player performance, team management, sports operations, and fantasy competitions. Students will be introduced to topics in the applied analysis of sports, with a focus on supporting team decision-makers and applying modern, practical analytic techniques to sports data in search of actionable insight and a competitive edge. The four major team sports of North America (football, baseball, basketball, and hockey) will be the primary subjects of study, but the course's learning objectives are universally applicable to all sports. Emphasis will be placed upon becoming familiar with the full analytic life-cycle: asking productive and relevant research questions, finding the correct data, applying the appropriate tools, discovering insights, and clearly communicating results.

ATHL 517 Athletic Finances 3 Credits
Athletic Finances examines the financial tools that sports managers use to run their sport businesses. Course members will explore traditional and innovative methods of revenue acquisition and financial management in sports organizations, the financial business structure of sports organizations, and the financial planning and forecasting processes that make organizations effective. Various other aspects of finance are discussed as they relate to sports organizations, including the time value of money, capital structuring, stocks and bonds, inventory management, and higher education.

ATHL 518 Athlete Development 3 Credits
Athlete Development focuses on sports-specific learning to prepare athletes with the necessary critical elements leading to an improvement in their chosen sport, emphasizing technical development, physical preparation and sports specific knowledge. The course follows the Long-Term Athlete Development (LTAD) model, an approach to athlete-centered sport that combines skill instruction with long-term planning and an understanding of human development. The LTAD model integrates current research on talent development and assessment into practice to help sport leaders plan athletic development across the life span or design detailed programs for a particular group, including those with physical and cognitive disabilities.

ATHL 519 Ethics in Sport 3 Credits
Ethics in Sport focuses on focus on how people should treat one another in sport settings and, therefore, on a critical examination of ethical issues central to contemporary sport. As a class we will thus consider these questions: 1) What place, if any, does sport have in a good life? 2) What counts as cheating in sport, and why is it morally wrong? 3) Is it morally permissible to use performance-enhancing drugs or genetic forms of enhancement to boost athletic performance? 4) How is it possible to achieve equality for women in sports in a culture where dominant sports tend to privilege such traditionally male features as strength, power, and speed?.

ATHL 520 Psychological Skills Training 3 Credits
Psychological Skills Training (PST) teaches techniques grounded in mental training principles used by elite athletes, business professionals, and special operations personnel to achieve and maintain the highest levels of resilience, readiness, and performance. Classic PST techniques that define the canon of mental toughness will be presented with history and theory and extensive embedded self-exercises teaching self-awareness training, goal setting, imagery and visualization, attentional and concentration techniques, arousal and intensity regulation, and stress management. A complete mindfulness sports performance enhancement (MSPE) protocol using the latest research from the sport sciences, psychology, and neuroscience will be presented including guidance for building mindfulness skills essential to consistent, optimal performance.

ATHL 521 Clinical Sport Psychology 3 Credits
Clinical Sport Psychology presents a new way of thinking about the psychological processes that are involved in attaining and maintaining sport expertise. The course, based on clinical and sport research, bridges the gap between clinical and sport psychologists by presenting a model that connects athletic performance, basic psychological processes, and relevant empirical findings. Successful completion of course materials provides the practitioner with greater understanding of the varying dimensions of clinical phenomena and how nonclinical, subclinical, and clinical issues affect athletic performance and the overall well-being of athletes.

ATHL 522 Assessment in Sport Psychology 3 Credits
Assessment in Sport Psychology integrates and synthesizes the theoretical concepts of sport and performance psychology into meaningful application. Emphasis is placed on creating and then assessing performance-enhancement programs for clients through the exploration and application of theory, research, and intervention strategies to assist clients pursuing excellence. The construct of excellence is thoroughly explored, including common roadblocks and the type of contexts in which the skills and knowledge are used in the field of clinical mental health counseling, sport and performance, intrapersonal relationships, and career.

ATHL 550 Current Issues in Athletics 3 Credits
This course will provide students the opportunity to survey the various sub-disciplines related to coaching and athletic administration, and their methods of inquiry. The course will place emphases on critically appraising research literature, and data collection, data organization and analyses for various research questions.

ATHL 601 Concepts and Principles of Coaching 3 Credits
The learning experiences in this course are afforded through a variety of instructional approaches. This will ensure opportunities to meet the course objectives. Course content includes, but is not limited to, the following: philosophical foundations of coaching, integrity; program mission and priorities; scientific basis of sport; basic conditioning and training principles; basic wellness; psychological foundations of coaching; leadership strategies; communication; team dynamics and cohesion; personality, basic traits and states influencing performance; pedagogical principles of sport; learning motor skills; process of coaching; managerial functions of coaches-planning, controlling, evaluating; event/facility/equipment management; legal duties and risk management; promotions, marketing, fundraising for coaches; multitask management, self-management; intangibles in coaching.
Prerequisite(s): Permission of Program Director.

ATHL 602 Developing a Philosophy of Coaching 3 Credits
Athletic Coaching – Developing a Philosophy provides the opportunity to learn and reflect upon the necessary skills for a successful coach. The course will cover numerous topics to allow course members the opportunity to learn, evaluate and self-reflect on their abilities and skills as a coach, and to develop a personal philosophy of coaching. The course addresses the differences in levels of competitive sports, the personal roles that coaches should exhibit, the professional roles expected and the organizational influences on the world of a coach in order to maximize the development of athletes and team while progressing from one season to the next in the annual coaching cycle.
Prerequisite(s): Current enrollment in ATHL 601 or satisfactory completion of ATHL 601.

ATHL 621 Concepts and Principles of Athletic Administration 3 Credits
Concepts and Principles of Athletic Administration explores the complexities of intercollegiate athletics while explaining the organizational structures, key players, terms, and important issues most relevant to the growing but often misunderstood fields of recreational studies, sports management, and athletic administration. Intercollegiate athletics create unique challenges to higher education—for while they are closely integrated into their institutions—athletic programs often operate outside of traditional university governance structures while contributing significantly to a school's culture, identity, and financial outlook. Course members in this course will explore principles, techniques, and process related to the management of college athletics, characterize the critical steps to getting hired in collegiate athletics, and prepare a portfolio, including an application letter and resume customized for applying for a position in athletic administration at the collegiate level.

ATHL 622 Administrative Decision-Making 3 Credits
Students in this course will explore principles, techniques, and process related to the management of college athletics. It is important in today's dynamic environment of collegiate athletics that students value effective leadership and management principles. Through analyzing case studies, students will demonstrate problem solving related to handling athletic personnel and program issues. To ensure readiness for athletic management, students will evaluate the duties of an athletic director and create a strategic plan for an athletic department, including a mission statement and comprehensive budget. Lastly, students will characterize the critical steps to getting hired in collegiate athletics. Students will also prepare a portfolio, including an application letter and resume customized for applying for a position in athletic administration at the collegiate level.
Prerequisite(s): Current enrollment in ATHL 621 or satisfactory completion of ATHL 621.

ATHL 650 Internship of Athletic Leadership 3 Credits
The learning experiences in this course are afforded through a variety of instructional approaches. This will ensure opportunities to meet the course objectives. Course content includes, but is not limited to, the following: philosophical foundations of coaching, integrity; program mission and priorities; scientific basis of sport; basic conditioning and training principles; basic wellness; psychological foundations of coaching; leadership strategies; communication; team dynamics and cohesion; personality, basic traits and states influencing performance; pedagogical principles of sport; learning motor skills; process of coaching; managerial functions of coaches-planning, controlling, evaluating; event/facility/equipment management; legal duties and risk management; promotions, marketing, fundraising for coaches; multitask management, self-management; intangibles in coaching.
Prerequisite(s): Permission of Program Director.

ATHL 651 Internship of Athletic Administration 3 Credits
The internship affords students professional experience with an organization where the course theory can be applied to best practices. The internship is developed in consultation with the student, the student's academic advisor and the Internship. A learning/work plan is prepared by the student for approval by the site supervisor, both of whom share responsibility for the internship.
Prerequisite(s): Permission of Program Director or approval by CEHS Dean's Office.

Business Education (BSED)

Courses and Descriptions

BSED 504 Curriculum Strategies and Evaluative Concepts in Business Education 3 Credits
Designed to provide the student with effective curriculum strategies and evaluative concepts relative to business and office education programs in elementary, secondary, and post-secondary public and private schools. Students are acquainted with appropriate curriculum and evaluation models designed to plan, organize, implement, revise and assess instruction and programs. Improvement of curriculum and evaluation is the primary goal.

BSED 506 Administration and Supervision of Business and Vocational Education 3 Credits
A study of the administrative and supervisory problems associated with business and vocational education at the local, county, state, and federal levels. Administrative and supervisory improvement strategies are explored. Major topics include: educational administrative structures; role of the supervisor of instruction; state and federal legislation; certification; personnel policies; ethical conduct; funding procedures; and public relations. Improvement of administration and supervision of business and vocational education is the primary goal.

BSED 509 Principles and Strategies of Vocational and Cooperative Education 3 Credits
Designed as one of the specialized courses in the preparation of business and marketing education teachers and teacher-coordinators of cooperative work experience programs. The philosophy and history of education for and about work, including technology, are studied along with the principles and strategies for organizing and administering vocational cooperative education programs. Developmental/reflective evaluative techniques will be applied for the assessment of self, students, instruction and selected case studies. Current instructional concepts, organizational and administrative strategies, legislative enactments, and regulations pertaining to the employment of youth are included. Special attention is given to the role of vocational student organizations and advisory committees.

BSED 519 Directed Study and Research in Business Education 1-3 Credits
Provides the student with an opportunity to complete a project, resolve a problem, or pursue a major activity that will make a contribution to the teaching profession in business or marketing education. Each participant, under the supervision of a senior faculty member, follows a planned sequence of professional activity that culminates in a completed written project. Professional teacher development is the primary goal.

Communication (COMM)

Courses and Descriptions

COMM 500 Communication Processes in Health 3 Credits
Interpersonal and nonverbal communication are the two areas of general communication studies that health communication draws from most heavily. These concepts affect relationships in healthcare, the ability to understand and process medical information, the efficacy of messages in relation to nonverbal indicators, and how bad news, another major concept in health communication, is received. This class will provide a comprehensive understanding of these concepts, how they are utilized in the field of health communication, and the ways in which the two areas intersect, all in the broader context of understanding health communication as a discipline.

COMM 501 Medical Concepts and Health Writing 3 Credits
Improving the way that health is communicated requires the ability to understand health information at the initial – and often complex – level. In particular, health communication aims to provide information to underserved populations, who may suffer from lack of education and poor health literacy. This class will provide students with a basic understanding of medical terminology and the ability to comprehend and explain scientific literature. Students will develop the skills needed to translate medical information for a wide range of audiences. Students will also be required to apply these concepts through the creation of multiple types of health writing assignments.

COMM 503 Crisis Communication 3 Credits
Crises can bring harm to an organization's brand and threaten its reputation. Knowing how to anticipate and plan for problems and challenges, and knowing how to manage a crisis if it does strike, are key factors in effective crisis communication. Students will develop theoretical knowledge of issues management and crisis communication and, through case studies and hands-on assignments, will learn to think strategically about importance of public opinion, the role of the media and social media in a crisis, how to develop effective crisis-related messages, and learn how to evaluate crisis responses.

COMM 504 Strategic Writing 3 Credits
This course will provide students with the tools to think and write strategically in today's dynamic, hyper-competitive, and ever-changing global marketplace. Students will gain competency in a number of areas including: creating a clear, concise, and compelling strategic outline, understanding the need to customize strategies and tactics for different stakeholders, and focusing on actionable intelligence and outcomes-based writing. These skills are particularly important for those in or aspiring to managerial/senior staff roles.

COMM 505 Health Communication Theory 3 Credits
Health communication is driven by a set of principles that guide the conceptualization, design, and implementation of new health guidelines and interventions. The ultimate goal of health communication is to increase health and satisfaction by encouraging healthier behaviors, medical compliance, and more efficient communication of medical information. This class is designed to give an overview of the major fields of study in health communication through examination of the major theoretical perspectives therein. Topics include the different areas of study in which health communication theories are based, how theory is used to support the initial design of research studies and interventions, and the situations in which the use of more than one theoretical approach is warranted.

COMM 507 Presentation Strategies 1.5 Credits
This course develops the ability to create presentations for targeted audiences. Students will gain competency in preparing purposeful messaging and incorporating visual presentation tools, with a goal of delivering impactful professional presentations that achieve results. The course will focus on developing the knowledge and skills to influence and inspire internal and external constituencies, which is a key part of communication practitioners' jobs.

COMM 510 Theory and Practice of Negotiations 3 Credits
This course provides students with the theory and skills required to be effective negotiators. Students will learn how to prepare for and participate in negotiations by applying various strategies and tactics. This course will be evenly split between theoretical lecture/discussion and practical application / skill development, including in- class simulations.

COMM 520 Social Media Planning 3 Credits
Social media has changed the way that organizations communicate with their various audiences blurring the lines of public relations, marketing and customer service. Communication professionals must be able to think strategically across all social media platforms to effectively define their brand, speak in an authentic voice and build relationships. Through case study analyses, best-practices research and hands-on assignments, students will learn how to strategically plan a social media campaign through research, content development and curation, and evaluation using meaningful metric analysis.

COMM 525 Visual Communication 1.5 Credits
This course introduces students to the theory and practice of visual communication design. Students will learn how to critique, evaluate, and edit visual communications with specific audiences in mind. Possible topics include the elements and principles of design, color theory, visual perception theories, typography, symbols, brand identity, logos, propaganda, and information design in both current and historical contexts. Readings and viewings of relevant films may be required components of the course. Assignments will afford students opportunities to analyze and critique visual communications for various professional environments.

COMM 531 Legal/Ethical Issues for Professional Communication 3 Credits
Provides students with the knowledge to understand and apply ethical guidelines and current laws and regulations relative to workplace communication, as well as the legal limits impacting professional communications. This knowledge is particularly important for those in or aspiring to managerial/senior staff roles.

COMM 545 Applied Research Methods in Communication 3 Credits
Develops the knowledge and skills to use various research methods and analysis techniques to provide critical information for, and assist with, business decisions. It will cover developing research tools, gathering and verifying information, analyzing, and reporting results. These skills are particularly important for those in or aspiring to managerial/senior staff roles.

COMM 551 Cultural Conceptions of Health and Illness 3 Credits
Culture affects every relationship dynamic, the way nonverbal communication is interpreted, how audiences are selected for health campaigns, the ability and willingness to use technology, and the way bad news is broken to individuals and families. In health communication, culture comprises both the general conceptions of what culture is – the characteristics of a particular social, ethnic, or age group – as well as other factors. This class will examine the specific variables of culture in this setting, how the variables are both unique and interconnected, and the wide-reaching impact culture has in health. The first half of the course explores the variables that culture includes. The latter part of the course takes these variables and demonstrates the roles they play in real-world health communication settings.

COMM 552 Communication in a Multicultural Workplace 1.5 Credits
Instructs in the use of diversity and cultural communication principles and strategies to effectively manage a culturally diverse workforce. This course will help organizational leaders understand how gender, ethnic, religious, and other differences affect the workplace, and how to effectively harness those differences towards maintaining a workplace that promotes good employee relations, and ultimately, good productivity for the organization.

COMM 553 Communication in a Global Market 1.5 Credits
Examines communication between and among businesses in a global context. The course presents communication as an essential pivot around which revolve the social and institutional relationships within and among nations. Hence, exploring global communication structures and tendencies is an important means to understanding social, cultural, economic and political impositions on global business. The emerging role of technologies of communication, such as social media, will be a particular focus of this course.

COMM 554 Effective Group Communication 1.5 Credits
Encompasses the study of individual and group behavior in the workplace. Emphasis is placed on individual behavior and group dynamics, application of current group theories, effective group communication, and effective leadership/followership skills. A comprehensive review of these processes, as well as others, will allow students to examine their role in groups as well as teams.

COMM 555 Organizational Culture & Storytelling 1.5 Credits
Organizational culture matters and, according to the research, it is the secret to the most successful organizations in the world. This course will define organizational culture, explore how culture is communicated through organizational mission and value statements, and provide insight into leveraging culture for organizational performance. Students will explore a variety of topics related to organizational culture including the role of the leader, its importance to recruiting and hiring, how to share culture through organizational practices and storytelling, and how to leverage culture to inspire change and innovation.

COMM 556 Special Topics in Communicatio 3 Credits

COMM 557 Special Topics in Communicatio 3 Credits

COMM 558 Health Communication Campaigns 3 Credits
Campaigns are the primary tool used in health communication to disseminate messages and effect change. Campaigns can provide information on a specific issue or to a specific community, encourage preventative health behaviors, demonstrate behaviors (such as performing self-skin exams for skin cancer or the proper way to follow medication instructions), put forward suggestions for a healthy lifestyle, raise awareness, or offer support. At times, multiple messages may be present in one campaign. This class will examine the different types of health campaigns and the impact a health communication campaign can have. Students will learn how to analyze a health campaign through its full cycle. The class will also serve as a foundation for the capstone class of the Master's in Health Communication program.

COMM 559 Communicating Crises in Health 3 Credits
In the health setting, multiple events can be considered a crisis: the outbreak of a disease, contamination of food, a natural disaster, and more. The response to a crisis can have a significant, long-lasting impact on the organization's reputation. The development of a crisis plan, which sets forth guidelines for an organization's response to a crisis and involves multiple steps, can be completed before any events occur and can significantly affect the way an organization handles a crisis. This class explores the types of crises that occur in health communication, the factors involved in a crisis, the development of a crisis plan, and the effects of a crisis on an organization.

COMM 560 Communication Issues for Leaders 3 Credits
Focuses on analysis of contemporary issues that highlight the necessity of effective communication for those in a leadership position. Through analysis and discussion of historical and current challenges faced by organizations, students will learn to recognize how effective leaders apply successful communication strategies. Case studies will also explore the effect that poor communication choices have had on organizations. Emphasis will be placed on discussion, research, and presentation.

COMM 561 Business of Media 3 Credits
This course will take you behind the scenes in the media industry to investigate how its economic structure affects the content we see and the composition of audiences. We will explore tensions between traditional and emerging media as they compete to retain existing customers and acquire new ones. You'll learn to critically analyze how concepts such as profits, politics, ownership, data-gathering and agenda setting relate to media. Students will learn some fundamental business concepts, which will enable them to communicate about business decisions and engage in important debates about the future of media. Students completing this course will understand the economics (and economies) of media and thus be better prepared to become leaders in media organizations whether by way of a career in media sales, marketing, advertising, public relations, journalism, creative design, production, broadcasting, etc.

COMM 563 Digital Media Communication 3 Credits
Looks at the digital technologies that make up the new world of digital convergence. The course will examine the effects of digital media convergence on social life, ethics, industry, and local and global communities through a variety of theories and paradigms. This course will also help students develop necessary digital media production skills and use them critically to solve media development problems.

COMM 564 Communication and Diversity in the Workplace 3 Credits
The culture of work, like society, is multicultural. More than ever, today's organizational leaders, including CEOs, managers and supervisors, must understand how to use diversity and cultural communication principles and strategies to effectively nurture and promote a culturally diverse workforce. This course helps organizational leaders understand how gender, ethnic, religious, and other social and cultural differences affect the workplace, and how to effectively harness those differences towards maintaining a workplace that promotes good employee relationship, and ultimately, good productivity for the organization.

COMM 565 Rel Comm: Interpersl, Group, Intercultr 3 Credits
Introduces students to seminal and contemporary research in the area of relational communication. Broken down into three modules, the curriculum will be divided among the topics of Interpersonal Communication, Group Communication, and Intercultural Communication. In the first, emphasis will be placed upon theories of human communication, verbal and nonverbal communication, gender, and conflict. The second module will explore various elements of group communication, including leadership and followership, roles, status, power and problem solving and decision making. The third module will introduce students to the study of intercultural communication, with its focus on the relationship between culture and communication.

COMM 590 Independent Research and Study 3 Credits
Independent Research and Study allows students in good academic standing to investigate topics of interest under faculty supervision.

COMM 599 Capstone Seminar 3 Credits
As the final course in the curriculum, students will use concepts, theories and practices from previous courses as they contemplate complex issues. As a comprehensive assessment of student learning, a committee will ask students to respond to questions related to course material. This course will culminate with several research-based position papers on topics related to individual student interests. This course should be taken in a student's final semester. Minimum required GPA of 3.0; permission of instructor required.

COMM 600 Capstone: Implementing a Health Communication Campaign 3 Credits
The ability to implement, evaluate, revise and successfully launch a campaign is a critical skill for all individuals who work in health communication. Campaigns are the primary tool used by health communicators to initiate change in a community, although their implementation will not always be a fluid, one-step process. This class will require students to select a local health campaign and evaluate the campaign from start to finish. Students will complete the Master's program in Health Communication with a complete proposal for a health communication campaign and the skills needed to analyze an existing campaign from beginning to end.

COMM 690 Research and Creative Expressi 1-4 Credits

Conducting (CR)

CR 501 University Chorale 1 Credits
The University Chorale provides the fundamentals of artistic choral singing. Open to all students by audition, this ensemble maintains a high level of performance and pedagogy. May be repeated for credit.
Prerequisite(s): Permission of instructor.

CR 505 Advanced Conducting 3 Credits
A continuation of the conducting studies begun in CR 215 and CR 315, this course aims to be more student-centered, following the process from repertoire planning to the final performance. Intensive score preparation, advanced rehearsal techniques, performance practice and baton technique.
Prerequisite(s): CR 315.

CR 509 Symphonic Choir 1 Credits
A large mixed chorus comprised of students above the lower division, including graduate students from all disciplines. The ensemble regularly performs in the region and focuses on the major choral/orchestral repertoire along with a wide variety of repertoire for large mixed chorus. Placement hearing required.

CR 511 Westminster Choir 1 Credits
A highly select ensemble that performs and records a wide variety of choral repertoire, the Westminster Choir regularly tours nationally and internationally, and aspires to the highest professional standards. Members are selected by audition from all Westminster students above the freshman level. The requirements for selection include good academic standing, strong musicianship, and superior vocal talent. Auditions are held in the fall semester and students participate for the academic year.

CR 513 Williamson Voices 1 Credits
A chamber choir with a unique mission that combines performance and outreach education. Repertoire is chosen from a broad spectrum of literature, including world music and contemporary choral works. Auditions are held in the fall semester and students participate for the academic year.

CR 515 Westminster Kantorei 1 Credits
An early music vocal chamber ensemble specializing in music before 1750, with occasional forays into more contemporary repertoire. [Although the ensemble will generally consist of around 16 singers, the exact make-up of the ensemble will vary from semester to semester, depending on the works to be studied and performed.] Repertoire will include works for vocal ensemble and works featuring significant solo work. The entire ensemble will rehearse three hours per week. Keyboardists may audition for the ensemble. Auditions are held in the fall semester and students participate for the academic year.

CR 517 Master Singers 1 Credits
A mixed ensemble serving as the choir for Graduate Conducting, Sacred Music and Music Education majors. Repertoire consists of a wide variety of choral works drawn from all style periods, works appropriate for use in churches and in schools at the secondary and post-secondary levels. Four semesters are required for all graduate Choral Conducting majors. Two semesters are required for Sacred Music majors, and those Music Education majors who have selected conducting as their performance field. This ensemble is non-auditioned and open to all students.

CR 524 Vocal Techniques for Choirs 3 Credits
Study of vocal techniques appropriate for use in choral rehearsals and for teaching class voice. Techniques for effecting change in group vocal productions are discussed, including such topics as the identification of group vocal problems and mental and physical preparation of a group for good vocal production. Techniques to be developed include (1) how to communicate information about vocal technique to amateur singers, (2) exercises used to develop choral sound by improving diction, dynamics, legato, staccato, martellato, high and low registers, resonance, vowel modification, etc., (3) how to train singers to use a vocal production specifically appropriate to the repertoire of various style periods and the demands of individual composers, and (4) conducting methods for good choral and vocal training. Recommended both for conducting majors and for students in other major programs, including those for whom the voice is not the primary performance medium.

CR 607 Conducting Performance 1 Credits
Graduate Conducting, Sacred Music and Music Education students (with a conducting concentration) enroll for Conducting Performance in the semester of their recital or major conducting project.

CR 621 Choral Conducting I 3 Credits
A study of conducting to develop technique through facial expression, breathing, alignment and gesture. Emphasis is placed on developing and refining a process of score study. This course will assist conductors in evaluating their conducting and preparing them to make conducting decisions based upon score study.

CR 622 Choral Conducting II 3 Credits
In addition to building on the conducting skills taught in Conducting I, this course will focus upon acquisition of a broad range of rehearsal methods and techniques and gaining a comprehensive knowledge of choral ensemble warm-up philosophies, methods and techniques. Conductors will continue to study various approaches to score analysis that aid in preparation for rehearsal. Participants in the course will be required to submit a comprehensive case study which focuses on rehearsal technique and rehearsal procedures.
Prerequisite(s): CR 621.

CR 624 Conducting Skills 3 Credits

CR 625 Choral Pedagogy 3 Credits
This online course reorganizes the components of choral rehearsal technique to reflect a harmonic approach to rehearsing, teaching, and learning. It is designed to emphasize the importance of teaching audiation and rehearsing choirs within a harmonic context.

CR 627 Choral Literature I 3 Credits
A broad survey of choral repertoire from Gregorian chant to present-day compositions. Emphasis is placed upon knowing the availability and sources of music of major composers and of music appropriate for performance in today's churches and schools.

CR 628 Choral Literature II 3 Credits
A study of selected major choral works, involving analytical and stylistic study. Oral reports by class members on assigned topics.

CR 641B Conducting Primary 1 Credits

CR 641D Conducting Primary (Elective) 1 Credits

CR 641F Conducting Primary 1 Credits

CR 681 Baroque Performance Practice 3 Credits
A practical and theoretical study of issues of Baroque performance practice, including tempo, phrasing and articulation, ornamentation, rhythmic alternation, qualities of sound, continuo practice, influence of dance, affect and national idioms. Primary source materials will serve as the basic core of readings for the course, supplemented and supported by recordings and contemporary resources. In the later half of the semester, students will perform in a series of master classes.
Prerequisite(s): for undergraduates MH 248, TH 241.

CR 690 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

CR 710 Seminar in Choral Literature 3 Credits
An intensive study of a specific area of choral history and literature. The content of this course will vary from semester to semester with the special interests and qualifications of the professor teaching it. Emphasis is placed upon in-depth study of the selected repertoire. May be repeated for credit.
Prerequisite(s): undergraduate must have Permission of Instructor.

CR 720 Graduate Conducting Forum 1 Credits
A conducting seminar that focuses on the synthesis of gesture, score study and pedagogy. Select repertoire and research materials will be conducted, analyzed and discussed. Focus will be given to orals preparation and current choral conducting issues. This course may be repeated for credit.

CR 750 Choral Pedagogy Capstone 3 Credits
Independent research leading to a completed capstone project such as pedagogical publication or presentation, development of an original or unique method of instruction, instructional materials, or case study, or musical performance. The project must be approved by the department.

Counseling Substance Aware (CNSC)

Courses and Descriptions

CNSC 580 Elementary School Counseling Practicum and Student Assistance Coordinator Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in an elementary school setting. Students will obtain a minimum of forty (40) contact hours with clients. The course will also provide an historical overview of the school guidance and counseling function. Current practices for assessing, organizing, implementing and evaluating school counseling services will be reviewed. Students will develop knowledge and skills in the development of primary, secondary, and tertiary interventions designed to promote the academic and social development of children of elementary school age. Students will apply knowledge and skills developed in pre-practicum experiences in addressing the needs of school children. Students must be supervised by a Substance Awareness Coordinator (SAC).
Prerequisite(s): COUN 515 or COUN 516.

CNSC 581 Secondary School Counseling Practicum and Student Assistance Coordinator Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in a secondary school setting. Includes seminar discussions, interview analyses, videotape observations, and individual supervision with the faculty supervisor. Provides the counselor in training with the opportunity to develop and practice skills and techniques necessary for the effective delivery of counseling services in the secondary school setting. Reviews current practices for assessing, developing, organizing, implementing, evaluating, and reflecting on counseling services as they address the special needs of secondary school students. Students must be supervised by a Substance Awareness Coordinator (SAC).
Prerequisite(s): COUN 515 or COUN 516.

CNSC 590 Counseling Internship I 3 Credits
An internship that provides 300 hours of on-the-job experience, including all activities that a regularly employed staff member would be expected to perform. The internship placement is selected on the basis of the student's career goals. School counselors, student assistance coordinators (SACs) and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the Rider supervisor. The approval and cooperation of the student's superintendent, principal, or other appropriate administrative personnel must be obtained the semester before the counselor candidate's internship is scheduled. Students must be supervised by an SAC.
Prerequisite(s): COUN 585 OR COUN 580 OR COUN 581 OR CNSC 580 OR CNSC 581. All other required course work must be completed or in progress and permission of the Rider supervisor must be obtained; any exceptions must be approved by the instructor.

CNSC 591 Counseling Internship II 3 Credits
The continuation of an internship that provides a 300-hour field experience including all activities that a regularly employed staff member would be expected to perform (n.b., a regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring). The internship placement is selected on the basis of the intern's career goals. School counselors, Student Assistance Coordinators (SACs), and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the faculty supervisor. Students must be supervised by a SAC. The approval and cooperation of the intern's field supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): COUN 590 or CNSC 590 and all other required course work must be completed or in progress and permission of the faculty supervisor must be obtained; any exceptions must be approved by the faculty supervisor.

Counseling (COUN)

Courses and Descriptions

COUN 500 Introduction to Counseling and Helping Professions 3 Credits
Educational, social, and psychological foundations of counseling services. Basic theories, principles, and techniques of counseling and related helping professions, such as coaching, and their applications to professional services. Emphasizes self-awareness as related to becoming a facilitator of helping skills. The team approach to counseling services and the contribution of the various specialties within the total counseling services program are stressed.

COUN 501 Coaching Principles and Practices 3 Credits
The course covers core coaching competencies, including coaching screening and orientation, fundamental skills, assessment, approaches for organizations, and coaching ethics. The course meets all 30-hour educational requirements for certification as a Board Certified Coach (BCC) through the Center for Credentialing and Education and is required course for the 60-hour BCC educational requirements.

COUN 502 Prevention and Intervention for Body Image and Disordered Eating 3 Credits
In this course, students will gain an understanding of strategies relevant to the prevention and treatment of body image and disordered eating concerns. Prevention strategies applicable to individual client care, small group work, and large group programming will be discussed. Students will also learn how to communicate and teach prevention strategies to parents, teachers, partners, and others who may be key influences in body image and/or disordered eating issues. In addition, various treatment and intervention approaches for individuals already exhibiting problematic body image and/or disordered eating attitudes and behaviors will be reviewed.

COUN 503 Group Counseling 3 Credits
Analyzes the historical development of group treatment methods, theories, practices, methods for appraising outcomes of treatment, and research findings. Includes critique of recordings, demonstrations, and students' own group experiences as counseling group members.
Prerequisite(s): COUN 500, CNPY 502.

COUN 504 Vocational/Career Development in Educational Settings 3 Credits
This course provides a comprehensive and practical approach to career counseling, coaching, and curriculum design in Kindergarten through postsecondary settings. Theories of vocational development and decision making form the foundation for designing career counseling curriculum. The problems and techniques of using college and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and organizational change processes are stressed. Concepts of career/life planning and the interrelationships among life roles, family, ecosystemic influences, and work in a diverse and changing society are explored.

COUN 505 Vocational/Career Development 3 Credits
Includes organizational change and vocational development theories, research, and literature in the field to inform practice with clients with vocational/career concern. The problems and techniques of using occupational and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and group processes are stressed. Includes concepts of career/life planning and counseling and coaching techniques, lifespan transitions, and the interrelationships among work, family, and other life roles.

COUN 508 Foundations of Clinical Mental Health Counseling 3 Credits
This course will provide the foundation of community counseling including roles, policies, history, diversity, systems, programs, interventions, fiscal issues, community resources, consultation, advocacy, and assessment that are unique to community counselors. Projects include searching for government and foundation funding, writing a grant proposal, developing a resource directory, visiting and writing reports evaluating community agencies. This course also meets Council for Accreditation of Counseling and Related Educational Programs (CACREP) standards for Community Counseling Programs.

COUN 510 Approaches to Family Counseling 3 Credits
Presents a basic understanding of major approaches of family counseling. Family counseling approaches covered include structural, systems, Ackerman, Satir, and analytical. These approaches are presented as related to major problem centered family concerns–child-rearing concerns, alcohol, drugs, child abuse, dysfunctional marriage, divorce, etc. Emphasizes self-awareness as related to family development.
Prerequisite(s): COUN 500, CNPY 502, or permission of instructor or advisor.

COUN 512 Disaster Response, Trauma, Crisis, and Grief Counseling 3 Credits
This course is an introduction to the research and practice of disaster response, trauma, crisis, and grief and loss counseling in clinical and educational settings. Course will include an overview of the impact of disasters, crisis, and trauma-causing events on individuals, communities, and educational settings and of the impact of working with traumatized clients on practitioners. Emphasis will be placed on prevention, intervention, and postvention practices in working effectively with individuals, families, and groups of people in the midst of traumatic situations and who have experienced loss, crisis, disasters and trauma-causing events.
Prerequisite(s): COUN 550.

COUN 515 Substance Abuse Counseling 3 Credits
This course analyzes the development, intervention and treatment of substance abuse. Family dysfunction and its results will be examined with the various addictive behaviors. This course is designed to help students understand addictive behaviors and how they function. Specialized techniques for treatment will be examined along with related elements, i.e., family, parenting, the characteristics of dysfunction, developmental growth problems, physical problems, effects on school and job performance.

COUN 516 Strategies in Addiction Counseling 3 Credits
This is an experiential and laboratory-based experience in which students will learn to implement evidence based counseling techniques that are utilized in the field of substance abuse counseling. Students will be able to expand their basic counseling skills and techniques learned in COUN 550, as well as become exposed to techniques that are unique to addiction counseling. In addition to learning assessment skills, students will learn interventions that include motivational interviewing, relapse prevention, alternative therapies, group counseling, family counseling, and others. This course will also focus on issues of ethics and prevention in counseling.
Prerequisite(s): COUN 550.

COUN 520 Multicultural Counseling and Relationship Development 3 Credits
Introduces, examines, and critically analyzes and reflects upon major origins and dimensions of human similarities and differences. Explores and personalizes the social-psychological and behavioral implications of these similarities and differences. Examines issues of racism, reverse racism, age and handicapped discrimination, sexism, sexual orientation, etc., in the light of theories of individual and group identity development and the impact of these on, between and within group relationships. Each student is expected to utilize this knowledge for the development of healthy multicultural skills. A semester-long engagement in a multicultural interaction and a presentation of a multicultural discovery project are required.

COUN 521 Cultivation and Implementation of Trauma-Informed Counseling in Community & Educational Settings 3 Credits
This course takes the knowledge of trauma-informed practice in the counseling profession to the cultivation and implementation of trauma-informed practices in various counseling settings. The course will provide an introduction and more in depth understanding of various trauma-informed models such as the Sanctuary Model, and how to work with various systems to implement trauma-informed practices. Specifically, leadership will be a major component of the course, as discussion and assignments will focus on how to implement and educate others in agencies or educational settings on how to adapt a trauma-informed culture in the setting. Specific steps to implement trauma-informed practices and trauma-informed advocacy will be covered throughout the course. Furthermore, there will be an emphasis on how to collaborate with the community, teachers, administrators, and staff to promote trauma-informed practice, trauma-informed treatment, enhancing resiliency, and how to lead the implementation of trauma-informed care in schools and community settings with concrete steps.

COUN 525 Gender Issues in Counseling 3 Credits
Examines the psychological, physiological, historical, and socio-cultural factors that affect the development of women and men across the life span and discusses implications for counseling. Focuses on relevant gender issues including gender bias and equity, misdiagnosis, self-esteem, depression, violence and sexual abuse, the feminization of poverty, and the importance of relationship for women. Presents an overview of feminist psychotherapy and explores the context of the behavioral, emotional and biological problems that impact on mental health. Also discusses the emerging men's movement and trends in counseling men; introduces gay and lesbian issues, the issues of minority women, and factors in counseling the HIV/AIDS client.

COUN 528 Introduction to Creative Arts and Specializations in Counseling 3 Credits
This course provides an introduction to the basic concepts and practices of the uses of creative arts in clinical and educational counseling settings, including the history, current and future trends, rational, and benefits of using artistic methods in counseling. The class is designed for mental health and school practitioners interested in gaining a deeper understanding of the neuroscience, theory and practice of the use of mediating properties found in the creative arts such as visual arts, imagery, dance/movement, music, humor, and drama and other modalities such as animal-assistant, horticulture, and wilderness/nature therapy. Emphasis will be placed on experiential learning activities and exercises to introduce these modalities as they are used independently or in conjunction with the therapeutic process. The function and range of professional practices and specialization/credentialing processes will also be introduced in this course.

COUN 530 Legal and Ethical Issues in Counseling and Psychotherapy 3 Credits
Examines and analyzes the legal, ethical, and professional parameters of counseling and psychotherapy. Discusses legal liabilities and malpractice cases arising from constitutional, tort, contract, family, privacy, and criminal laws. Examines client rights and counselor duties and responsibilities. Explores legal, ethical, and professional implications of third party payment, informed consent, medication, case documentation, client termination and abandonment. Advertisement of counseling services, crisis and case management, consultation and supervision, "duty-to-warn" and court appearances of an expert witness will be explored. Special attention will be given to child abuse reporting issues, dual relationships and to regional legal and ethical developments.

COUN 535 Holistic Wellness Counseling 3 Credits
Based on current methods and research, students will explore holistic wellness (e.g., spirituality, self-direction, work and leisure, friendship, and love) positive psychology (e.g., hope, forgiveness, etc.), and human change from personal and interpersonal perspectives.
Prerequisite(s): CNPY 502.

COUN 550 Counseling and Helping Techniques Laboratory 3 Credits
This a laboratory course, which provides opportunities for both the observation and practice of counseling and professional helping skills. The purpose of this course is to provide students with their initial training in counseling and helping skills under closely supervised conditions. The focus of this course is the development of initial client interviewing and basic counseling and helping skills through an emphasis on techniques (basic and advanced listening and helping skills), strategy (the counseling and helping process), and self-development (the student as counselor and helper) grounded in theories of counseling and related helping professions.

COUN 555 Introduction to Play Therapy 3 Credits
Introduction to Play Therapy provides an overview of the fundamental principles of play therapy, including history, theories, skills, and applications. The course emphasizes developing the therapeutic relationship with children and utilizing play to facilitate children's self-expression, self-understanding, and personal growth. Observation of and supervised experiential activities in play therapy with children are an integral part of the course.
Prerequisite(s): CNPY 502, can take concurrently with COUN 550.

COUN 556 Parent-Child Play Therapy 3 Credits
Parent-child play therapy builds upon the introduction to play therapy course and focuses on helping parents/caregivers enhance their relationship with children through play therapy modalities. Students will learn the history, principles, and skills of filial therapy, with an emphasis on Child-Parent Relationship Therapy (CPRT). Students will have opportunities to strengthen their play therapy skills, develop the ability to conduct CPRT, and learn how to facilitate systemic changes in children's lives through working with parents/caregivers. This course contains an experiential component including in-class role-playing and supervised parent-child play therapy experiences with parents/caregivers.
Prerequisite(s): CNPY 502, COUN 550, EDPS 503, COUN 555.

COUN 580 Elementary School Counseling Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in an elementary school setting. Students will obtain a minimum of forty (40) contact hours with clients. The course will also provide an historical overview of the school guidance and counseling function. Current practices for assessing, organizing, implementing and evaluating school counseling services will be reviewed. Students will develop knowledge and skills in the development of primary, secondary, and tertiary interventions designed to promote the academic and social development of children of elementary school age. Students apply knowledge and skills developed in pre-practicum experiences in addressing the needs of school children.
Prerequisite(s): To be taken semester prior to COUN 590.

COUN 581 Secondary School Counseling Practicum 3 Credits
A 100-hour supervised experience in counseling and consultation in a secondary school setting. Includes seminar discussions, interview analyses, videotape observations, and individual supervision with the faculty supervisor. Provides the counselor-in-training with the opportunity to develop and practice skills and techniques necessary for the effective delivery of counseling services in the secondary school setting. Reviews current practices for assessing, developing, organizing, implementing, evaluating, and reflecting on counseling services as they address the special needs of secondary school students.
Prerequisite(s): To be taken semester prior to COUN 590.

COUN 582 Coaching Practicum 3 Credits
A 30-hour supervised experience in coaching with individuals, groups, or organizations. Includes seminar discussions, obervations of recorded sessions, session analyses, and group supervision with the faculty supervisor. Provides the coach in training with the opportunity to develop and practice skills and techniques necessary for the effective delivery of coaching services. Reviews current practices for assessing, developing, organizing, implementing, evaluating, and reflecting on coaching services as they address the needs of clients. This course is designed to fulfill the practice requirements for certification as a Board Certified Coach through the Center for Credentialing and Education.
Prerequisite(s): COUN 500 or COUN 501, CNPY 502, COUN 505, and permission of instructor.

COUN 585 Clinical Mental Health Counseling Practicum 3 Credits
A supervised experience in counseling and consulting techniques in mental health facility, community counseling agency, or college setting. Includes seminar discussions, interview analyses or audiotape/videotape observations, and individual supervision with the instructor. For the experienced counselor or the advanced counselor in training who desires to review and/or strengthen individual counseling and consulting techniques. A field placement of 100 hours is required with a minimum of 40 direct contact hours with clients. Students registering for this course should contact the instructor the semester prior to the course being offered.
Prerequisite(s): To be taken semester prior to COUN 590.

COUN 586 Practicum II 1 Credits
The continuation of Practicum, this 1-credit course is required for those students who were unable to complete the 100-fieldwork hours of Practicum in the fall or spring semester. Students will continue at their Practicum fieldwork site and will be responsible for completing the remainder of their 100-hours. A grade will not be granted in Practicum until the successful completion of Practicum II. The approval and cooperation of the intern's agency or school field supervisor for continuing placement must be obtained at the conclusion of the prior semester. Prior to enrollment, students must submit documentation of supervisor, director, and professor permission and a comprehensive plan for fieldwork- hour completion to the clinical coordinator.
Prerequisite(s): COUN 580 or CNSC 580 or COUN 581 or CNSC 581 or COUN 585 and all other required course work must be completed or in progress. Program director approval with professor of record approval is required.

COUN 590 Internship in Counseling I 3 Credits
An internship that provides 300 hours of on-the-job experience, including all activities that a regularly employed staff member would be expected to perform. The internship placement is selected on the basis of the student's career goals. School and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the Rider supervisor. The approval and cooperation of the student's superintendent, principal, or other appropriate administrative personnel must be obtained the semester before the counselor candidate's internship is scheduled.
Prerequisite(s): COUN 580 or COUN 581 or COUN 585 or CNSC 580 or CNSC 581. All other required course work must be completed or in progress and permission of the Rider supervisor must be obtained; any exceptions must be approved by the instructor.

COUN 591 Internship in Counseling II 3 Credits
The continuation of an internship that provides a 300-hour field experience including all activities that a regularly employed staff member would be expected to perform (n.b., a regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring). The internship placement is selected on the basis of the intern's career goals. School and agency counselors who supervise interns determine the structure and the content of the internship in cooperation with the faculty supervisor. The approval and cooperation of the intern's agency or school field supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): COUN 590 or CNSC 590 or concurrent enrollment. All other required course work must be completed or in progress and permission of the faculty supervisor must be obtained; any exceptions must be approved by the faculty supervisor.

COUN 592 Internship III 1-3 Credits
The continuation of Internship I, this 1 to 3-credit course is required for those students who were unable to complete the 300-fieldwork hours of Internship I in the fall or spring semester. Students will continue at their Internship I fieldwork site and will be responsible for completing the remainder of their 300-hours. A grade will not be granted in Internship I until the successful completion of Internship III. The approval and cooperation of the intern's agency or school field supervisor for continuing placement must be obtained at the conclusion of the prior semester. Prior to enrollment, students must submit documentation of supervisor permission and a comprehensive plan for fieldwork- hour completion to the clinical coordinator. Clinical coordinator approval is required. Prerequisite(s): COUN 590 and all other required course work must be completed or in progress and permission of the clinical coordinator is required.
Prerequisite(s): COUN 590.

COUN 593 Internship IV 1-3 Credits
The continuation of Internship II, this 1-credit course is required for those students who were unable to complete the 300-fieldwork hours of Internship II in the fall or spring semester. Students will continue at their Internship II fieldwork site and will be responsible for completing the remainder of their 300-hours. A grade will not be granted in Internship II until the successful completion of Internship IV. The approval and cooperation of the intern's agency or school field supervisor for continuing placement must be obtained at the conclusion of the prior semester. Prior to enrollment, students must submit documentation of supervisor permission and a comprehensive plan for fieldwork- hour completion to the clinical coordinator. Clinical coordinator approval is required.
Prerequisite(s): COUN 590, COUN 591 and all other required course work must be completed or in progress and permission of the clinical coordinator is required.

COUN 600 Independent Study and Research in Counseling Services 1-3 Credits
Students may take two independent studies. However, under special circumstances, such as students seeking certifications (e.g., Student Assistance Coordinator), students may be approved by their advisor to take up to six COUN 600 3-credit courses for a total of 18 credits.

COUN 660 Counseling Supervision: Issues, Concepts and Methods 3 Credits
This course introduces and critically examines issues and concepts that arise in the supervision of counseling and psychotherapy practitioners and trainees. Methods and techniques of supervision are presented to enable students to become knowledgeable and skilled providers of proficient clinical supervision. Psychotherapeutic, behavioral, integrative, systems, experiential, and developmental models of supervision are studied. The unique problems encountered in group, family, and couples counseling supervision are raised as well as legal, ethical, and multicultural issues. Administrative and contemporary issues such as inter- and intra-agency supervision, inter-agency communication, record keeping, evaluation, and taping of counseling sessions are examined.
Prerequisites: COUN 590.

COUN 690 Internship in Counseling Speciality I 3-6 Credits
This internship provides on-the-job clinical experience in approved settings. Placement is selected based on students' specialty area goals and must be approved by the faculty advisor the semester prior to actual placement. Students must also submit in writing a description of clinical activities available in the field site before the placement is approved. Students will be required to attend a weekly seminar during which time each student will present and/or discuss legal, ethical, multicultural, contemporary, and clinical issues in her/his specialty area.

Counseling Psychology (CNPY)

Courses and Descriptions

CNPY 502 Theories of Counseling and Helping Professions 3 Credits
Introduces the theoretical constructs of the primary contemporary counseling psychology theories being used in the counseling profession today. The theoretical constructs will be explored for use for self-reflection and self-development and to serve as the basis for development of psychological maps for understanding purposes of clients' behaviors.
Prerequisite(s): COUN 500 or as corequisite.

CNPY 503 Psychological Development of the Adult and Aging 3 Credits
Surveys psychological principles applied to counseling services with emphasis on developmental processes, individual differences, and mental health. Concepts and theoretical orientations to human adult development and transitions throughout the adult life span. The analysis, interpretation, and practical implications of significant research that has contributed most to the knowledge of human development of the adult and aging will be examined.

CNPY 514 Psychopathology 3 Credits
A survey of the study of abnormal psychology. Includes classification, assessment, and treatment and prevention of psychopathology. Characteristics of healthy psychological functioning are examined. Biological, psychological, and sociocultural bases of well-adjusted and maladjusted behavior patterns are considered. Stress, anxiety, and milder forms of psychopathology are considered, as are more severe psychopathological conditions.

CNPY 515 Consultation in School and Agency Settings 3 Credits
This course provides an introduction to school and agency based consultation theories and practices. Contemporary models of consultation are presented with students' emphasis on mental health, behavioral, and systems approach. In addition to the study of conceptual models, the development of skills in the consultation process in school and/or agency settings is emphasized. Students engage in behavioral consultations with consultees in approved placements.

CNPY 516 Advanced Psychopathology 3 Credits
An in-depth study of psychopathology with emphasis on developmental and personality disorders, and physiological disturbances. Includes assessment, classification, and treatment with emphasis on utilization in a variety of counseling and school settings. Biological, pathological, pharmacological bases of mental disorders are introduced and discussed in relationship to specific disorder classifications.
Prerequisite(s): CNPY 514 or permission of instructor.

CNPY 518 Counseling Children, Adolescents and Families 3 Credits
This course will emphasize counselor and consultant behaviors that facilitate the helping process with children, adolescents, and their families. Information and activities will be provided that address age, ethnic, and developmental considerations in counseling children and adolescents. Issues and practices related to crisis intervention will be explored.

Curriculum & Instruction (CURR)

Courses and Descriptions

CURR 501 Coaching Principles and Practices 3 Credits
This course is an introduction to the profession of coaching for educators. It is designed to fulfill the educational requirements for certification as a Board Certified Coach through the Center for Credentialing and Education (CCE). The CCE competencies for certification provide the basis for course material.

CURR 504 Vocational/Career Development in Educational Settings 3 Credits
This course provides a comprehensive and practical approach to career counseling, coaching, and curriculum design for educators who work in Kindergarten through postsecondary settings. Theories of vocational development and decision making form the foundation for designing career counseling curriculum. The problems and techniques of using college and career information, assessment tools, educational and vocational goal setting, conflict management strategies, and individual and organizational change processes are stressed. Concepts of career/life planning and the interrelationships among life roles, family, ecosystemic influences, and work in a diverse and changing society are explored.

CURR 508 Organizing and Administering Cooperative Work Experience Programs 3 Credits
An overview of the current administrative and instructional strategies used in organizing and administering cooperative work experience programs at the secondary and post-secondary levels. Up-to-date concepts are reviewed relative to program approval, teacher coordinator certification, work agreements, labor laws, funding, reporting supervision of student learners, related instruction, student wages, and vocational student organizations. Evaluation of and improvement in the organization and administration of cooperative work experience programs are the goals of the course.

CURR 510 Reflection and Mentoring in Professional Teaching Practice 3 Credits
This course serves as an introduction to professional teaching work in classrooms. The hands-on work in the course complements required classroom observations and reflections. The course uses participants' classroom observations and reflections as the bases for targeted, practical discussions and study on topics such as classroom management, teacher identity and diversity, teaching and content, asking for feedback, and working with mentors.
Prerequisite(s): Permission of Program Director.

CURR 517 Teaching and Learning Number and Operations 3 Credits
This course provides an in-depth study of the content and pedagogy for understanding early number theory. It addresses students' mathematical understanding of representing numbers, relationships among numbers, and number systems; operations and how they relate to one another; and computation. Strong emphasis is placed on the cognitive development of children's thinking in number and operations, and the instructional, curricular, and assessment implications for teaching. The course includes the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and the Common Core State Standards for Mathematics Practices.

CURR 518 Teaching and Learning Rational Numbers and Proportional Reasoning 3 Credits
This course provides an in-depth study of the content and pedagogy for understanding rational numbers and proportional reasoning. Content includes a variety of situations involving proportions, for example, real-world problems involving ratios, rates, and percents; geometry involving similarity; algebra involving linearity; and probability involving assigning a probability to an event. Distinguishing proportional situations from those that are not and reasoning proportionally in appropriate situations are emphasized. Emphasis is placed on children's cognitive development of rational numbers and proportional reasoning, and the instructional, curricular, and assessment implications for teaching. The course includes the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and the Common Core State Standards for Mathematics Practices.

CURR 519 Teaching and Learning Algebraic Reasoning 3 Credits
This course provides an in-depth study of the content and pedagogy necessary to facilitate the transition from concrete arithmetic reasoning to abstract algebraic reasoning. It addresses students' mathematical understanding of equality, variable, generalization, and functions; cognitive development of algebraic reasoning; and the instructional, curricular, and assessment implications for fostering algebraic reasoning in students. Strong emphasis is placed on the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and the Common Core State Standards for Mathematics Content and Mathematical Practices.

CURR 520 Teaching and Learning Geometric Understanding 3 Credits
This course provides an in-depth study of the content and pedagogy for geometric understanding. It addresses students' mathematical understanding of shapes and their properties, location, transformation of shapes, and visualization; the cognitive development of geometric thinking; and the instructional, curricular, and assessment implications for teaching. Emphasis is placed on the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and on the Common Core State Standards for Mathematics Practices.

CURR 522 Teaching and Learning Measurement and Data 3 Credits
This course provides an in-depth study of the content and pedagogy for measurement, data analysis, and probability. Mathematical content includes units, systems, and processes of measurement; techniques, tools, and formulas to determine measurements; data collection and display; statistical methods to analyze data; and, evaluating inferences and preditions. Emphasis is placed on children's cognitive development of measurement and data, and the instructional, curricula, and assessment implications for teaching. The course includes the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and the Common Core state Standards for Mathematics Practices.

CURR 523 Teaching and Learning Mathematics in the High School 3 Credits
This course addresses issues central to teaching and learning mathematics in the high school; building learning communities, how students learn mathematics, use of worthwhile mathematical tasks, instructional modes, technology options, and assessment to inform instruction. Mathematical topics examined are number and quantity, algebra, trigonometry, geometry, and statistics and probablility, and modeling. Strong emphasis is placed on the NCTM Principles of problem solving, reasoning and proof, connections, communication, and multiple representations and on the Common Core State Standards for Mathematics Practices.

CURR 524 Teaching Mathematics in the Middle School 3 Credits
This course has been designed to guide both in-service and pre-service teachers towards growth in teaching mathematics in middle school classrooms, according to the best of current practices. It is accepted that teaching and leraning is an ongoing process throughout our careers. Teaching math well requires: a) Deep undertanding of the mathematics content, b) Understanding of how students develop mathematical ideas, and c) The ability to shape appropriate learning environments and tasks. Realistically, the process of teaching mathematics, how student learn it, and how to build appropriate learning environments in courses like this one is only the first step towards developing the content and pedagogical skills needed to teach in the 21st century. The objective is to help students construct ideas that take them in the right direction, providing models for the continued long-term learning they will develop with their own classrooms clearly in mind. According to the best of current practice, this involves learning through exploration, inquiry and discovery. As students communicate and then reflect on teaching situations, they will form what has been described as a community of practice, a prototype for how groups of educators join forces, over months and years, to strenghten both their understanding and school practice.

CURR 526 Place Value Instruction: Navigating the Decimal 3 Credits
K-8 teachers examine the theory and practice of K-8 place value instruction during a weeklong course. Incorporating the ideas of the successful CONNECT-ED project, this seminar will examine place value theory and model instructional design that traces children's developmental levels and aligns with national and state standards. Participants will work with peers and experienced University faculty to design longitudinal instructional modules on other math topics. By engaging in this multi-grade design process, teachers will examine new ideas about mathematics, children's mathematical thinking, and mathematics instruction. Participants can earn professional development hours or college credit.

CURR 527 Curricular and Insructional Design for Fraction Understanding 3 Credits
K-8 teachers examine the theory and practice of K-8 fraction instruction during a weeklong course. Based on the successful CONNECT-ED project, this seminar will model how to design fraction instruction that traces children's developmental levels, and aligns with national and state standards. Participants will work with peers and experienced University faculty to design similar instructional activities. By engaging in this multi-grade design process, teachers will examine new ideas about mathematics, children's mathematical thinking, and mathematics instruction. Participants can earn professsional development hours or college credit.

CURR 531 Strategies for Curriculum Development, Innovation and Change 3 Credits
This course will address the importance of philosophy, historical precedents, learning theory, developmental theory, emerging social trends and issues, and recent trends in content knowledge as bases for designing and developing the K-12 curriculum. The articulation of curriculum aims and goals, the development and selection of learning experiences, the organization of learning experiences, and plans for evaluating curriculum outcomes are used as steps for developing the curriculum. Students investigate the roles teachers, teacher leaders, supervisors and administrators play in implementing curriculum designs in school settings. Students are expected to demonstrate course understandings through actual school applications and field experiences that are referenced to state and national standards.

CURR 532 Strategies for Curriculum Change 3 Credits
This course will examine organizational skills and knowledge necessary to effect curriculum development and change, K-12. The course will address the socio-political context of curriculum change along with alternative strategies for initiating, implementing and sustaining standards-based curriculum improvements. Topics of study include strategic planning, problem-solving strategies, needs assessments, curriculum alignment, program evaluation, staff development and the organization of staff members for collaborative deliberation and decision making as essential means for promoting successful curriculum change at all levels of schooling. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards and professional development standards, the Standards for School Leaders of the Interstate School Leaders Licensure Consortium, and the candidate proficiencies developed by the Educational Leadership Constitutient Council.
Prerequisite(s): CURR 531.

CURR 533 Elementary School Curriculum 3 Credits
A review of principles, curriculum, and methodology in elementary education, examined in the framework of social, cultural, and psychological developments. Recent developments in theory and empirical knowledge are analyzed. Emphasizes developing the content and organization of an integrated curriculum with a concern for individual differences with provision for social environments best adapted to fulfill basic needs and interests.
Prerequisite(s): CURR 531.

CURR 534 Secondary School Curriculum 3 Credits
A survey of the changing aims and programs of the secondary school. General, specialized, vocational, and activity programs are discussed with an analysis and evaluation of recent curriculum developments and projects. Current issues and controversies, in addition to research findings affecting secondary curriculum, are studied.
Prerequisite(s): CURR 531.

CURR 535 Theory and Practices of Bilingual Education 3 Credits
Introduces the rationale and research as a basis for bilingual education as well as the varied and current approaches to implementing programs. Implications drawn from the social, psychological, and linguistic problems of bilingual learners are considered as they apply to the needs, goals, and issues of bilingual/bicultural programs.

CURR 536 Special Studies in Curriculum, Instruction, and Supervision 3 Credits
The content of this course varies for each offering. In-depth treatment of issues, problems, concerns, or developments in curriculum, instruction and/or supervision will be provided. Topics such as global education, teaching and learning styles, classroom management, etc., are announced in advance and serve as the focus of course content.

CURR 538 Assessment of Curriculum and Instruction to Improve the Performance of Teachers and Diverse Learners 3 Credits
This course establishes the implemented curriculum by establishing the relationship between curriculum goals and the instructional strategies needed to realize those purposes. Emphasis will be placed on analyzing and using various instructional models to meet the learning expectations embodied in curriculum goals and core curriculum content standards from pre-school to high school. Students will examine instructional strategies from the perspectives of assessing research findings on effective practices, realizing curriculum standards, adapting the classroom to diverse learner needs, establishing appropriate staff development agendas, and providing forms of supervisory support to optimize learning and achievement. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, and national school leadership standards.
Prerequisite(s): CURR 531.

CURR 541 Assessment and Student Learning 3 Credits
This course provides hands-on opportunities to create and design varied classroom assessments that help teachers align their teaching goals with student learning goals. With a focus on NJ Student Learning Standards across the curriculum content areas and grade levels, assessments will be designed for use in individual teaching practice and with a variety of diverse learners. Topics include designing assignment rubrics and effective essay prompts as well as developing evaluation criteria.
Prerequisite(s): CURR 510, CURR 700.

CURR 548 Curriculum and Instruction for Diverse Learners 3 Credits
This course will examine the curricular and instructional issues that educational leaders must address in accommodating the school program to the needs and abilities of diverse learners. A historical perspective will be developed with an emphasis on how schools have responded to meet the needs of the exceptional child. Legal issues and programmatic trends will be examined and assessed since the inception of the Individuals with Disabilities Education Act. Multicultural issues will be introduced within the context of school and society. The responsibility of the educational leader in fostering a multicultural perspective pertaining to curriculum and instruction, governance, bias and prejudice and school climate and culture will be emphasized. Students will identify and develop curricular possibilities and solutions in school settings to accommodate learners' diverse needs. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards, state adopted core curriculum content standards, professional development standards, standards and national school leadership standards.
Prerequisite(s): CURR 531, CURR 538.

CURR 552 Creative, Ethical Teacher Leadership 3 Credits
In order to be effective, teacher leaders require in-depth understanding of the complex, threat-filled, 21st-century globalized environment that provides the context for their work. They must understand the problems, opportunities, and pressures generated by the current socioeconomic, political, and cultural system of the United States, which is characterized by dogmatism-saturated disputes over the purposes of education and the allocation of resources. In addition, they must appreciate the ways in which the larger forces of globalization influence these national trends and issues. Finally, they must understand the ways in which the principles of wise, ethical, intelligent, and creative leadership can help them and their colleagues in their efforts to maintain and strengthen student learning in these daunting conditions.

CURR 580 Action Research Tchg & Learn 3 Credits

CURR 585 Practicm Conductng Action Rsch 3 Credits

CURR 590 Seminar and Practicum in Curriculum, Instruction and Supervision 3 Credits
Taken at the completion of all course work in the program. Students study in seminar fashion the current literature and research in the general areas of curriculum, instruction and supervision. Each student is involved in an individualized field experience. Typically the experience involves work with supervisory assistance in a selected segment of the student's school district, or in an approved location. The cooperation of the administrative staff of the student's school district is essential for the effective completion of this project. The instructor is free to observe the project in progress, and to evaluate the completed research project and the finished project paper.
Prerequisite(s): all course work including EDUC 500, permission of instructor.

CURR 592 Internship III 1-3 Credits
The continuation of Internship I, this 1 to 3-credit course is required for those students who were unable to complete the 300-fieldwork hours of Internship I in the fall or spring semester. Students will continue at their Internship I fieldwork site and will be responsible for completing the remainder of their 300-hours. A grade will not be granted in Internship I until the successful completion of Internship III. The approval and cooperation of the intern's agency or school field supervisor for continuing placement must be obtained at the conclusion of the prior semester. Prior to enrollment, students must submit documentation of supervisor permission and a comprehensive plan for fieldwork- hour completion to the clinical coordinator. Clinical coordinator approval is required.
Prerequisite(s): COUN 590 and all other required course work must be completed or in progress and permission of the clinical coordinator is required.

CURR 600 Independent Study and Research 1-3 Credits
Course content varies with academic research interests of students who wish to engage in independent study related to the overall content of curriculum, instruction and/or supervision.

CURR 640 Teaching and Learning Physical Science 3 Credits
This course provides an in-depth study of content and pedagogy for understanding selected physical science (physics and chemistry) topics aligned with Next Generation Science Standards (NGSS). The course will be structured around big ideas identified in NGSS, common misconceptions, and appropriate learning progressions. While addressing the content, emphasis will also be placed on: effective instructional strategies and science practices through the use and study of such practices and strategies.

CURR 641 Teaching and Learning Life Science 3 Credits
This course provides an in-depth study of content and pedagogy for understanding selected life science topics aligned with state and national standards. The course will be structured around big ideas identified in standards, common misconceptions, and appropriate learning progressions. While addressing the content, emphasis will also be placed on: effective instructional strategies and science practices through the use and study of such practices and strategies.

CURR 642 Teaching and Learning Earth and Space Science 3 Credits
This course provides an in-depth study of content and pedagogy for understanding selected earth and space science topics aligned with state and national standards. The course will be structured around big ideas identified in standards. While addressing the content, emphasis will also be placed on: effective instructional strategies and science practices through the use and study of such practices and strategies.

CURR 643 Engineering Solutions to the Challenges of Contemporary Science Issues 3 Credits
This course provides an in-depth study of the content and pedagogy for understanding selected technology, engineering and design topics aligned with state and national standards. The course will be structured around big ideas identified in standards, common misconceptions, and appropriate learning progressions. While addressing the content, emphasis will also be placed on: effective instructional strategies and science practices through the use and study of such practices and strategies.

CURR 644 Teaching and Learning Chemical Science 3 Credits
This course provides an in-depth study of content and pedagogy for understanding selected chemistry topics aligned with Next Generation Science Standards (NGSS). The course will be structured around big ideas identified in NGSS, common misconceptions, and appropriate learning progressions. While addressing the chemistry content, emphasis will also be place on: effective instructional strategies and science practices for the K-8 classroom through the use and study of such practices and strategies. Participants will engage in experiences with the states and properties of matter, develop models of the atom, and gain an understanding of the major principles of chemistry. The course will focus on states of matter, characteristic physical and chemical properties of matter, and chemical and physical transformations of matter.

CURR 650 Understanding Gifted Learners 3 Credits
The course explores the ways in which the gifted and talented can differ from more typical learners in terms of their cognition, social-emotional dimensions, behavior, and long-term development. It focuses on theories of intelligence, differing conceptions of giftedness and talent development, and learning processes. Some specific topics include underachievement, perfectionism, dual exceptionality, gender issues, and underserved populations. The course also addresses the ways in which gifted education can evolve to fit the demands and opportunities embedded in complex, 21st-century socioeconomic, cultural, and technological contexts.

CURR 652 Differentiating Instruction for the Gifted and Talented 3 Credits
This course provides the rationale and practical strategies for effective instructional differentiation for the gifted and talented within and beyond the regular classroom. Participants will learn how to differentiate within subject areas by adjusting content, process, product, and learning environment to meet the needs of learners. They also will explore the nature and nuances of differentiation by ability, readiness, and interest, as well as the implications of instructional differentiation for formative and summative assessment. Throughout the course they will design and share examples of differentiation including tiered assignments, complex instruction, independent studies, graphic organizers, and learning contracts.

CURR 654 Innovative Instructional Strategies for Gifted Education 3 Credits
This hands-on, experiential course immerses participants in simulations and analyses of new and revised student-centered teaching models and strategies that are conducive to creative and critical thinking, advanced content mastery, and the invigoration of students' interests. Participants analyze the potential of each model/strategy while considering the ways in which it can apply to content learning in various subject areas/domains. The course also engages participants in studying the fundamental principles of program design in gifted education so they can make the best possible use of the instructional models and strategies.

CURR 656 Creative, Interdisciplinary Thinking 3 Credits
This course facilitates creative thinking through the exploration of important insights from a wide variety of disciplines in the social sciences, humanities, natural sciences, and education. The process of creative association enables participants to combine diverse, remotely associated constructs to create new products and processes. Applications of interdisciplinary thinking to curriculum and instruction are explored. These applications include novel methods for curriculum integration, discovery and development of children's interests, and instructional modfications for the gifted and talented. Exploration of concepts and processes in multiple academic domains and professional fields also provide appreciation for the domain-specific natures of giftedness and creativity.

CURR 660 Authentic Data in the Elementary STEM Classroom. 3 Credits
Young learners can think deeply about content and make meaningful connections between their experiences, natural phenomena, and authentic data when teachers integrate data in purposeful ways. In this course, teachers construct student-centered STEM investigations integrating real-world scientific and mathematical data and build their understanding of the theoretical basis for this work. Participants gain knowledge of STEM resources, learn to access entry points for STEM in elementary classrooms and foster engaging contexts, like engineering, coding, and NASA mission exploration. Teachers explore the synergies between Common Core State Standards and Next Generation Science Standards for a productive and exciting learning environment that prepares students for ongoing interest in STEM. This course is recommended as a foundation for the STEM certificate program.

CURR 661 Authentic Data in the Secondary STEM Classroom 3 Credits
Middle and High School students are capable of deep sense making when teachers utilize engaging STEM classroom practices to teach content with authentic data connections. In this course, teachers learn to apply research-based best practices central to today's classrooms. In a collaborative professional learning environment, they build knowledge of resources for accessing, analyzing, and making use of authentic data in meaningful activities. Coursework includes planning student-centered lessons that integrate data, building cultural relevance with engaging phenomena, and developing meaningful assessments for STEM activities. Participants identify how to integrate engineering design into the STEM classroom and learn how to represent the Nature of Science as students develop conceptual understanding and apply critical thinking to real-world decisions. A library of content rich lessons becomes available to all participants through a shared online community. This course is recommended as a foundation for the STEM certificate program.

CURR 662 Eyes on Earth: Teaching Earth Science from Space (PK-8) 3 Credits
This course will take participants through a journey about space exploration and specific NASA missions that examine components of earth. Participants will learn science content grounded in Earth's Lithosphere, Hydrosphere, Atmosphere, and Biosphere. By learning to use authentic data from NASA and other sources participants will experience an exploratory approach to learning about the Earth, and then bring these experiences to their own classrooms. Teachers will utilize several web-based tools and real-time data along with the three-dimensional learning in the Next Generation Science Standards to create lessons that can be used directly in the classroom.

CURR 663 Lessons from the Ocean: Science on the Water Planet (Grades 2-12) 3 Credits
Bring the ocean into your classroom by using Earth's waters as a context for standards-based STEM content. The ocean is critical to the functioning of the Earth system, and is an authentically integrated context for learning about topics such as density, weather and climate, heat transport, environmental issues, biogeochemical cycles, mathematics, and much more. Access a myriad of data sets to apply science concepts and make connections between the ocean and atmosphere, living and nonliving parameters, and life on land, as well as in the deep sea. Use the context of the ocean to teach Next Generation Science Standards topics with deep understanding and meaning for learners.

CURR 664 The Arts in STEM: Advancing Meaningful Integration (K-12) 3 Credits
Apply art in the context of exciting STEM concepts and learn to integrate art, science, math, technology, and engineering in more meaningful ways in your classroom. At the core of the STEM Education movement are critical thinking, creativity, problem solving, and authentic learning environments that engage diverse students in meaningful ways with content. The many mediums for art and artistic expression are a valuable component of communication and expression. Scientists and researchers at NASA and across the globe use myriad forms of art in their work. This course invites students to take a close look at the incorporation of art in the STEM classroom and provides resources, exemplars, and access to collaborative support for arts integration.

CURR 665 Climate Change with NSF SPRINTT 3 Credits
Award-winning curriculum and eloquent, online student investigations help students study science concepts emphasized in the Next Generation Science Standards, in the context of Earth's Polar Regions to better understand the complexity of Earth's climate and how it is changing. View the Earth using real scientific data from satellites and western researchers. Then, consider the lens of indigenous peoples of the Arctic. Examine tons of data and changes in ice, permafrost, weather patterns, biological change, and more as you conduct research with simple-to-use, web-based instructional tools, using authentic data sets and models to study our planet's past, present, and future climate. Interdisciplinary investigations address many Common Core State Standards in reading, writing, science, and technical subjects as well as mathematics in the context of climate science.

CURR 666 Exploring Mars: A New Twist on Science (or Math) 3 Credits
Use a wealth of data sets and technological tools to explore and understand features of Earth's neighbor, the Red Planet. Look for and study the physical and chemical evidence of water and ice; compare erosion patterns on Mars and Earth; and make inferences about the planet's history as you study both its geologic features, including volcanoes and craters, and the physics of the atmosphere. Teach Next Generation Science Standards topics in Earth, physical, and chemical science integrating mathematics, in the context of Mars using recent data from Curiosity Rover and other missions.

CURR 667 Physical Science in Motion: Classroom Applications 3 Credits
Physical science, when applied, makes tough-to-understand concepts easy and fun. Participants learn to solve problems relating to one-dimensional motion; become acquainted with and apply Newton's Laws of Motion and equilibrium of forces; learn about constant acceleration and gravitational acceleration; investigate concepts in aerodynamics; and learn about two-dimensional motion. Participants will use free, simple-to-use, software simulations from NASA Glenn Research Center, which help to present these concepts for you, and, then, your students, in the context of aeronautics, including airplane design, rocketry, sports, and more. A carefully developed resource page provides access to excellent resources and engaging activities for implementing course content in your classroom with important connections to Next Generation Science Standards and Common Core mathematics.

CURR 668 Coding, Robotics, and 1:1 Devices 3 Credits
Learn applications of Coding as a mathematics pedagogy, explore opportunities for Robotics, and learn cutting-edge implementation of One-to-One Devices (1:1) in K-12 classrooms. Participants learn about and explore best practices in the newest learning pedagogies and technologies. Whether you are already involved, or looking to integrate these cutting-edge tools and strategies for the classroom, you will begin to expand your reach for enhancing student learning. Scaffolded to allow success at all grade levels, Coding, Robotics, and 1:1 Devices offers resources for application into elementary, middle, and high school. Participants will interact with no-fee computer programming, robotics opportunities, and the latest uses of devices. All participants have the opportunity to work with innovative technologies and interact with talented educators, practitioners and special guests who are already making a difference in K-12 classrooms.

CURR 669 Culturally Relevant Pedagogy in the STEM Classroom 3 Credits
Classrooms comprise individual learners, each bringing their own culture and experiences to the learning environment. The value and strength of diversity has become increasingly described in educational literature. This course introduces teachers to the curriculum and pedagogical issues relevant to race, language, gender, and socio-economic differences. Participants apply content and pedagogy involving science and mathematics contexts for effective learning. STEM activities will integrate meaningful, engaging practices for teaching diverse learners. The course is differentiated for elementary and secondary school educators to provide relevant connections, to be directly applied, in each participant's classroom.

CURR 670 Life and Marine Science: Tracking Live Marine Animals 3 Credits
Follow marine animals (e.g., polar bears, sea turtles, sharks, and whales) in real-time, and apply life and Earth science topics to the ocean. Study topics such as ecosystems, biodiversity, cell structures, food webs, and conservation, as you make connections to ocean currents, seafloor features, density and more. Discover the importance of the ocean to humans, as well as our impacts, both positive and negative, on marine environments. The in-depth use of data lends itself to Next Generation Science Standards by integrating instructional technology with life, Earth and physical science.

CURR 671 Life in Space: NASA ISS and Astrobiology 3 Credits
The International Space Station (ISS) is an amazing undertaking comprising technology, engineering, science and math--the perfect context for exciting students for learning. NASA research leads to technological advances on Earth and in human space exploration. As NASA plans for manned missions to Mars, scientists explore our solar system and beyond for determining if and where life could exist. Extremophiles are fascinating for teaching Earth science in a context for astrobiology research. The course explores how space travel impacts the human body; growing food in space; engineering protection from radiation, and searching for habitable environments. With its application of subject matter, it offers excellent resources and interactions with NASA scientists, and data for educators to bring the exciting context of space travel to the classroom.

CURR 672 Math Connections to STEM Education 3 Credits
The course introduces a wealth of applied mathematics exercises and activities relevant to integrated STEM assets and science activities. Some are in the realm of topics seen in Earth and Space science and physics. Live presenters break down authentic examples and projects, and demonstrate to educators how problems incorporate Common Core State Standards-based mathematics with applications that meet Next Generation Science Standards performance expectations. Educators survey math and science examples and tools as the course promotes the use of applied mathematics in science, or science in mathematics, to meet content goals in the classroom.

CURR 673 NASA Astronomy and Space Science 3 Credits
Harness your students' enthusiasm for space and astronomy by using astronomical images to enrich your physical, Earth, and life science courses. Measure the speed of an asteroid, learn about erosion on Mars, and see the tracers of life that are visible from space. In this course, we explore the many ways in which real data from NASA's space science and astronomy missions can be used to teach math and science content in your classroom, meeting science and math standards in Next Generation Science Standards and Common Core State Standards. Through the use of cutting-edge technology tools, and with a NASA scientist visiting our class, you will not only learn more about the universe, you will learn how to bring the universe into your education context.

CURR 674 NASA Physics for Real Beginners: Earth, Moon, and Space 3 Credits
Gain an introduction to physics in this conceptual course that uses NASA's space initiatives as the context for content. Learn about gravitation between celestial bodies, how to get a satellite into orbit, what it takes to blast off into space, and more. This course will discuss these and related topics while exploring NASA content related to space and the Hubble Space Telescope and Kepler Missions. Bring cutting-edge examples to your classroom while addressing Next Generation Science Standards performance expectations.

CURR 675 Reading and Writing in the Science Classroom 3 Credits
Discuss and analyze the ways that literacy and science connect in the science classroom, and highlight how reading and writing can be used to increase students' understanding of science content. Focus on how to integrate important literacy skills from Common Core State Standards in your science and STEM classroom to address content standards from Next Generation Science Standards. Cutting-edge strategies and well-founded principles pave the way to success with non-fiction reading material. The manner in which information and scientific content is presented shapes student success, not just for reading, but student writing, organization, and presentation.

CURR 676 The E in STEM: Meaningful Content for Engineering 3 Credits
Learn how to use engineering to make your classroom come alive. Bridge and teach math and science concepts through exciting applications in the Engineering Design Process where you and your students design, test, and evaluate models and real-life applications. Activities are hands-on and emphasize the reciprocities between science, technology, engineering, and mathematics in formal design challenges. Educators enrich classroom curriculum with elements of design in science, mathematics, or technology activities, addressing important Next Generation Science Standards' engineering design practices.

CURR 677 WDLC - Weather Data Learning Center 3 Credits
Use weather data to teach and learn math . This course teaches content in a math curriculum that uses weather data. Weather Data Learning Center demonstrates increases in student performance in grade 4 mathematics. Collect, access, and interpret current real-time imagery, maps and data. Make connections from weather to learn Common Core-based mathematics using various STEM pedagogical strategies. Learn the basics of clouds, air masses, humidity, fronts, pressure, jet stream, and climatic patterns as you apply these ideas to math concepts such as measurement, fractions, number sense, data collection, and analysis.

CURR 678 Action Research in the STEM Classroom 3 Credits
A Capstone Course requirement "option", this course may be part of joint Master's Degree programs, or Endeavor's "5-course" certificate program earning Research Distinction and an award.

CURR 679 Practicum in STEM Leadership 3 Credits
Share your knowledge of STEM teaching and learning with colleagues in your building, district, or region.

CURR 680 STEM Leadership Seminar 3 Credits
The course contains STEM pedagogical content knowledge, incorporating authentic data and using technology as a tool for learning. The course provides a springboard for cultivating problem solving skills, inspiring student research projects, and integrating STEM methods and essential principles addressed in new standards.

CURR 681 Chemistry in the STEM Classroom 3 Credits
In this course, the many facets by which even the layman can come to appreciate chemistry in the world will be explored; be it in the materials that make up your clothes, the technology that created the age of plastics, or the chemicals in your brain that tell you how to feel as you read these words. A wide array of topics based on 'grocery-store' science will be introduced, allowing you to get your hands in the chemistry without the need of expensive materials or lab equipment.

CURR 682 Climate Science: Socioscientific Issues in the STEM Classroom 3 Credits
Socioscientific issues are important avenues through which to teach scientific literacy and to create the next generation of critical thinkers and sustainable solution engineers. Anthropogenic climate change is one of the most complex and critical issues the global community faces today. Understanding climate change and the scientific, social, and economic ramifications is crucial for science pedagogues. This course examines the ideas of socioscientific issues and critical thinking in science education and how they can be taught through NGSS-aligned global change pedagogies that highlight climate and energy literacy. Pedagogues will learn to utilize authentic data resources that elucidate the story of our changing climate and think critically about how to implement data into their teaching. The philosophical, ethical, and scientific basis of these problems and their solutions will be discussed.

CURR 700 Educational Foundations for Inclusive Practices 3 Credits
This course provides psychological and interdisciplinary perspectives on teaching and learning. Within the theme of optimal development of creative intelligence, and in concordance with important NJ and national professional standards, candidates will use these perspectives to begin their career-long processes of reflective professional development. More specifically, the course develops knowledge, skills, and dispositions pertinent to (a) child and adolescent development, (b) learning theories, (c) learner diversity, (d) classroom management, (e) career readiness skills, (f) philosophical and historical perspectives on education, (g) sociocontextual and interdisciplinary influences on education, and (h) higher-order, creative and critical thinking. The emphases on student development and learner diversity entail in-depth investigation of the following subtopics: the philosophical, legal, and historical foundations of special education; the characteristics of students with disabilities and learning strengths; inclusive practices; professional partnerships for support of diverse learners; and strategies for modification of curriculum content and materials aligned to NJ Student Learning Standards, learning environments and processes.

CURR 702 Early Literacy Development for Diverse Learners 3 Credits
This course addresses current strategies for teaching beginning learners' vocabulary, comprehension, composition, and language study. It addresses strategies for the development of literacy for all learners ranging from the gifted and talented to those with learning disabilities or other special needs. The course develops proficiency with the management of literacy instruction for content areas in general education in preschool and primary grades and planning aligns with NJ Student Learning Standards. It provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on literacy instruction in inclusive classrooms.
Prerequisite(s): CURR 700.

CURR 703 Inclusive Literacy Practices Across Content Areas 3 Credits
This course addresses varied literacy strategies for teaching diverse adolescents across content areas in secondary schools. Professional educators use a variety of instructional methods, curriculum unit/lesson planning, and assessment strategies to help diverse students actively construct their own learning as well as critically access and assess new information. Through in-class workshops and discussions, reading, group and individual work, the course uses various methods, models, and strategies for integrating literacy for diverse adolescent learners across settings and subject matters aligned with NJ Student Learning Standards. The course also provides candidates with the pedagogical literacy proficiency necessary for the development of their students' career readiness skills (employability skills, employment readiness through enhanced literacy capacities). Field experiences include observation and interaction in classes focusing on various literacy strategies in inclusive classrooms.
Prerequisite: CURR 700.

CURR 704 Inclusive Methods for Teaching English Language and Theater Arts 3 Credits
This course provides experience with various methods of teaching and learning integrated English language and theater arts and with diverse adolescent students. Teacher candidates explore methods, classroom management, and strategies for teaching and learning through reading/literature, language development, writing/composing processes, representing and performing, speaking, listening, and viewing/creating media. Candidates design curriculum and assessments using NJ Student Learning Standards for Language Arts Literacy and Theatre and Visual Arts curriculum standards. Aligned with NCTE's Guidelines for the Preparation of Teachers of English Language Arts, the course uses collegial collaboration during the review of student work, co-planning curriculum and assessment in the development of employability skills such as collaborative planning, teaching, and assessment review. A field-based middle school partnership embedded in the course allows candidates to work with a range of diverse students and explore implications for teaching, learning, and providing access to the general curriculum for all students.

CURR 705 Inclusive Methods for Teaching Social Studies 3 Credits
This course addresses the practical and theoretical aspects of teaching social studies to diverse adolescents in secondary schools. Using the NJ Student Learning Standards in Social Studies, candidates will prepare and design curriculum and assessment for students in various learning environments and with diverse learning needs. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying social studies curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 706 Inclusive Methods for Teaching Science 3 Credits
Classroom interaction analysis systems are used in the study of the instructional processes that support inquiry-based science learning. Candidates develop their own repertoires of teaching strategies, classroom management strategies, and awareness of career requirements in STEM fields. Emphases are on the investigation and interpretation of recent curriculum developments in NGSS and NJ Student Learning Standards in Science as well as the use of lab-based processes in science learning. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying science curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 707 Inclusive Methods for Teaching Mathematics 3 Credits
This course critically analyzes the aims of teaching mathematics in secondary schools. Research pertaining to mathematics teaching and learning is analyzed. Demonstration lessons including reflective teaching and individual and group processing are created and carried out to clarify teaching, mathematics curriculum planning using NJ Student Learning Standards in Mathematics, the organization of materials and subject matter, assessment processes classroom management strategies, and awareness of career requirements in STEM fields. The course also examines the characteristics of secondary students with disabilities as well as strategies for modifying mathematics curriculum planning, learning environments, and instructional materials to address diverse learning needs. The clinical, field-based component of the course requires candidates provide instructional support for diverse learners.

CURR 708 Inclusive Methods for Teaching Business 3 Credits
Emphasis is placed on the enhancement of teaching inclusive business education. Special attention is devoted to the new technology and its use in business education. Current instructional materials are presented and utilized. Master practicing business education teachers will augment the instructor's presentations.

CURR 710 Math Methods for the Inclusive Elementary Classroom 3 Credits
This course introduces candidates to effective mathematics instruction based on learning trajectories of diverse learners in preschool and elementary classrooms. In alignment with NAEYC and NCTM and NJ Student Learning standards, emphasis is placed on planning and implementing an inquiry-based approach with hands-on experiences, use of technology, and traditional and non-traditional assessment strategies. Students also explore positive models of classroom management and environment design to support diverse learning needs. The course provides candidates with the pedagogical proficiency necessary for the development of the mathematical dimensions of their students' career readiness skills. Field experiences consist of classroom observations with instructional analysis and assessment of children's mathematical thinking.

CURR 711 Pedagogy and Methodology in Dance 3 Credits
This course provides the student with first-hand experience inside a classroom setting to broaden the students' understanding of dance techniques, teaching styles and strategies, analysis of skills and critical feedback, class preparation and design, and assessment. Course requirements include off-campus field work. The existing methods course in Dance for beginning teachers is cross-listed with DAN 450.

CURR 712 Inclusive Methods for Teaching Music 3 Credits
This course provides experience with various methods of teaching and learning music K-12. Course readings and field observations focus on inclusive teaching practices in music and explore implications for teaching, learning, and providing access to the general curriculum for all students across diverse settings. Candidates also design curriculum and assessments using NJ Student Learning Standards for Music/Visual and Performing Arts.
Prerequisite(s): CURR 700, CURR 703, CURR 720.

CURR 713 Inclusive Methods for Teaching Art 3 Credits
This course provides experience with various methods of teaching and learning Art K-12. Course work and fieldwork focus on inclusive teaching practices in art and explore implications for teaching, learning, and providing access to the general curriculum for all students across diverse settings. Candidates also design curriculum and assessments using NJ Student Learning Standards for Visual and Performing Arts.
Prerequisite(s): CURR 510, CURR 700, CURR 703.

CURR 714 Inclusive Methods for Teaching Health and Physical Education 3 Credits
This course provides experience with various methods of teaching and learning Health and Physical Education K-12. Course work and fieldwork focus on inclusive teaching practices in health and physical education and explore implications for teaching, learning, and providing access to the general curriculum for all students across diverse settings. Candidates also design curriculum and assessments using NJ Student Learning Standards for Comprehensive Health and Physical Education.
Prerequisite(s): CURR 510, CURR 700, CURR 703.

CURR 715 Inclusive Elementary Science, Arts, & Social Studies Teaching 3 Credits
This course provides aspiring elementary school teachers with a variety of developmentally appropriate options for designing, implementing, and evaluating curriculum and instruction in science, social studies, and the arts. Using NJ Student Learning Standards, emphasis is placed on inclusive practices and differentiation of instruction (e.g., modifying curriculum planning, learning environments, and instructional materials, content, processes, and products), curriculum integration, thematic unit and lesson planning, various teaching strategies, hands-on learning experiences, inquiry learning, career readiness skills, higher-order thinking, reflective practice, and various assessment strategies. Other facets of teaching also are addressed or reviewed in the course. These include the characteristics and needs of students with disabilities motivation, classroom management, and becoming a team member of a school faculty. Candidates also refine their pedagogical knowledge and skills by participating in the modification of instruction to meet the needs of diverse learners in nearby school settings.

CURR 720 Inclusive Curriculum Design & Instruction 3 Credits
This course offers an overview of curriculum designs and their relation to teaching, learning, assessment, and providing curriculum access for all students. The course assumes that professional educators use a variety of instructional methods, curriculum unit/lesson planning and assessment strategies to help a variety of diverse students, especially adolescents, actively construct their own learning and enjoy access to the general curriculum. Using NJ Student Learning Standards, candidates acquire skills in instructional planning, classroom management, and the development of career readiness skills along with required field-based observations and experiences.
Prerequisite(s): CURR 700, CURR 703.

CURR 770 Clinical Experience and Seminar in Teaching 9 Credits
This course, designed for those seeking teacher initial certification, requires full-time supervised daily participation in a school setting with diverse students including students with disabilities. These experiences test and strengthen the translation of educational theory and research into meaningful teaching practice. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 771 Supervised Clinical Experience in Teaching 9 Credits
The Supervised Clinical Experience in Teaching is available only to candidates seeking initial teacher certification and who currently work full-time teaching. Candidates may apply to the program for Supervised Clinical Experience in Teaching by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and under university supervision for a semester. On-campus or site-based seminar accompany the clinical experience and emphasize the reflective development toward professionalism through sharing and analyses of how to support the learning needs of diverse students and connecting clinical experiences with content knowledge and pedagogical knowledge from prior course work. The clinical experience is augmented with a series of additional seminars that include the following: introductory/orientation seminars prior to the beginning of the semester; strategies for designing inclusive education practices and positive behavioral supports, assistive technology for diverse learners, transition planning; classroom management strategies; awareness of methods for strengthening student achievement and career readiness.

CURR 772 Clinical Experience in Teaching Seminar 3 Credits
The Clinical Experience in Teaching Seminar is available only to candidates completing teacher certification through the Alternate Route program and who currently work full-time teaching. Candidates may apply to the program for the Clinical Experience in Teaching Seminar by providing evidence of successful, full-time teaching experience, planning, and evaluation. Once approved, candidates continue teaching within the appropriate certification area and to attend and participate in an on-campus seminar.
Prerequisite(s): CURR 510, CURR 700, CURR 541 and Permission of Program Director.

CURR 777 International Student Teaching 0 Credits
This course provides an immersion opportunity for student teachers to learn about the different cultures and the education system of other countries while living and teaching abroad. Students will explore topics such as global awareness, international curriculum, global educational issues, and pedagogy to support diverse student needs. Through seminar discussion, research, observation, reflection and practical experience, students will develop and share their understanding of diversity in an international setting to increase global awareness, inclusive practice, and professional skills to develop a culturally responsive classroom. A fee is required for this course. PREREQUISITES: 3.25 GPA, letter of recommendation, successful completion of required PRAXIS exams, interview, essay, and successful completion of local student teaching. POI required.

Cybersecurity (CYBR)

Courses and Descriptions

CYBR 500 Beyond Code: Cybersecurity in Context 3 Credits
At its core, cybersecurity is a technical, computing-based discipline. This course explores the most important non-technical elements that shape the landscape upon which cybersecurity problems emerge and are managed. Students will assume different lenses — legal, economic, political, societal, and ethical — to better understand how different forces enable and constrain security technologies and policies. Specific topics include ethical and societal issues, policy-making, business models, legal frameworks, national security considerations, and the roles of users, industry, and government which includes the military.

CYBR 510 Cryptography for Cybersecurity 3 Credits
This course focuses on both mathematical foundations and practical applications of cryptography. The course discusses asymmetric and symmetric cryptography, Kerchkoff's Principle, chosen and known plaintext attacks, public key infrastructure, authentication protocols. The course includes a close examination of various cryptosystems including the RSA, DES, AES, Elliptic Curve, and SHA family cryptosystems. Topics include a brief history of cryptography, ciphers, digital signatures, hash functions, message authentication codes, secure e-commerce, and digital cash.

CYBR 520 Managing Cyber Risks 3 Credits
In the context of risk management, this course examines the motivating reasons behind cyber attacks and data breaches. Various risk management frameworks to measure organizational cybersecurity threats and vulnerabilities are presented. Further, students will model cybersecurity risks, using both qualitative and quantitative risk assessment methods. Students also will articulate the organizational consequences of the assessed risks along with mitigating strategies to reduce or eliminate the cyber risks.

CYBR 530 Mobile Computing and Wireless Security 3 Credits
This course examines the cybersecurity of mobile computing and wireless networking, especially the vulnerabilities, threats, and mitigation techniques. Topics include: mobile malware, wireless communications infrastructure vulnerabilities and associated mitigation techniques, mobile platform vulnerabilities and associated mitigation techniques, mobile app vulnerabilities and associated mitigation techniques, mobile device vulnerabilities and associated mitigation techniques, and organizational policies for mobile computing and wireless networking.
Prerequisite(s): CYBR 510.

CYBR 540 Secure Coding for Cyber Defense 3 Credits
This combined course of lecture and hands-on labs follows the philosophy and principles of secure and robust programming, using the Java language. The eight design principles that govern secure and robust coding will be emphasized with follow-on coding labs to apply these design methods to real-world problems. Design choices, good or bad, drive implementation in coding, so designing software security from the beginning will be practiced. Common software vulnerabilities and static analysis of code will be examined, as well as informal, formal, and ad hoc coding methods will be differentiated. Prior experience with the Java programming language is highly recommended.

CYBR 550 Cybercrime and Digital Forensics Analysis 3 Credits
Digital forensics is a hybrid science that offers a systematic approach for conducting comprehensive investigations to solve cybercrimes. In this course, students will learn the principles and techniques of digital forensics investigations to ensure court admissibility of electronic evidence, including the legal and ethical implications. Students also will also gain hands-on experience with performing proper forensic investigations with different file systems (e.g., Unix/Linux, Mac, Windows, Android) and writing appropriate forensics analysis reports.

CYBR 560 Usable Privacy and Security 3 Credits
There is growing recognition that technology alone cannot provide all of the solutions to security and privacy problems. Human factors play an important role, and it is important for security and privacy experts to have an understanding of how people might interact with the systems they develop. This course explores a variety of usability and user interface pitfalls related to privacy and security and provides experiences in designing studies aimed at helping to evaluate usability issues in security and privacy systems.
Prerequisite(s): CYBR 500.

CYBR 570 Special Topics in Cybersecurity 3 Credits
This course is used as a general placeholder for one time offerings and new courses that have not been assigned a permanent designation. The course will cover advanced and emerging topics of current interest in cybersecurity. This course code may be taken more than once as long as the topic offered is different each time.
Prerequisite(s): Permission of instructor.

CYBR 590 Independent Research and Study 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. Permission of instructor.

CYBR 591 M.S. in Cybersecurity Internship 3 Credits
The course is part of the capstone requirement for the M.S. in Cybersecurity. The course will have students complete an internship, self-evaluation, and a project related to their experience working in a cybersecurity related position. Permission of instructor.

CYBR 600 Software Vulnerability and Malware Analysis 3 Credits
This combined course of lecture and hands-on labs covers both the art and science of discovering software vulnerabilities and malware. Beginning with the foundational techniques used to analyze both source and binary code, this course will examine current threats and evaluate the actions needed to prevent attackers from taking advantage of both known and unknown vulnerabilities. The course will cover passive and active reverse engineering techniques in order to discover and categorize software vulnerabilities and malware, create workarounds to better secure the system, and demonstrate security solutions that provide protection from an adversary attempting to exploit the vulnerabilities. Techniques covered include the use of static analysis, dynamic reverse engineering tools, and fault injection to better understand and improve the security of software. Prior exposure to Intel assembly is helpful, though not required.
Prerequisite(s): CYBR 540.

CYBR 610 Cloud Computing Security and Privacy 3 Credits
This course focuses on the security and privacy issues in Cloud Computing. While the Cloud Computing paradigm gains in popularity, there are many unresolved cybersecurity issues related to confidentiality, integrity, and availability of data and computations involving the Cloud. This course examines Cloud Computing models and the associated risks, threats and vulnerabilities; focuses on sound architectural design for secure and private computing; and explores practical applications of cloud computing and the Internet of Things (IoT).
Prerequisite(s): CYBR 530.

CYBR 620 Blockchains and Cryptocurrencies 3 Credits
This combined Lecture-Lab course covers the mathematical, computational, and economic foundations of Blockchain technology, and exposes students to the societal and legal implications of a decentralized monetary system based on consensus. Students learn what cryptocurrencies are, why it is possible to make money using cryptocurrencies such as bitcoins, and why it is so volatile. Through hands-on practice with the bitcoin and Ethereum-based software platforms, students will program secure decentralized applications (Dapps), develop an understanding of cryptographic principles, and reexamine critical economic questions.
Prerequisite(s): CYBR 510.

Dance and Movement Therapy (CNDT)

Courses and Descriptions

CNDT 584 Counseling and Dance/Movement Therapy Practicum I 3 Credits
Students are at a clinical site for a total of 100 hours for the semester to practice skills in movement observation and analysis, group leadership, session analysis, treatment planning, and documentation. Supervision class will focus on understanding the professional, legal, and ethical responsibilities of being a dance/movement therapist in clinical settings from a multicultural perspective. Issues pertaining to professional identity development will be addressed.

CNDT 585 Clinical Mental Health Counseling and Dance/Movement Therapy Practicum II 3 Credits
A supervised field experience in consulting, counseling, and dance/movement therapy techniques. Students will be at a clinical site approved by faculty, with a supervisor who meets all CACREP standards. In this second semester of practicum, students will continue to advance their counseling skills. Students will engage in direct client care activities, such as individual and group counseling; they will co-lead dance/movement therapy sessions with the goal of facilitating entire sessions. The course will include seminar discussions, observations and analysis of the counseling process (i.e., interview analyses or audio/video recording observations), as well as individual supervision with the instructor. A total of 100 field hours is required with a minimum of 40 direct contact hours with clients. The approval and cooperation of the fieldwork agency or school field supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): CNDT 584.

CNDT 590 Counseling and Dance/Movement Therapy Internship I 3 Credits
This course is one of two internship courses required in the student's final year. It fulfills 375 internship hours. Interns gain on-the-job experience and participate in activities that a regularly employed staff member would be expected to perform. A regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring. Students will be at a clinical site approved by faculty, with a supervisor who meets all CACREP standards and will receive supervision by a board certified dance/movement therapist. Site supervisors who supervise interns determine the structure and the content of the internship in cooperation with the Rider supervisor. Supervision in class will support students in the clinical setting and in effectively utilizing counseling and dance/movement therapy knowledge and skills, including clinical appraisal, treatment planning, and documentation. The approval and cooperation of the intern's site supervisor must be obtained the semester prior to the actual placement.
Prerequisite(s): CNDT 585. All other required course work must be completed or in progress and permission of the Rider supervisor must be obtained; any exceptions must be approved by the instructor.

CNDT 591 Counseling and Dance/Movement Therapy Internship II 3 Credits
The second semester of the internship fulfills 375 internship hours. Students will be at a clinical site approved by faculty and will engage in all activities that a regularly employed staff member would be expected to perform. A regularly employed staff member is defined as a person occupying the professional role to which the student is aspiring. Students will be under the field supervision of a supervisor who meets all CACREP requirements and will be supervised by a board certified dance/movement therapist. The supervision class will provide opportunities for students to analyze their practice, reflect on their progress as clinicians, and develop skills to internally self-evaluate their effectiveness as counselors and dance/movement therapists. Site supervisors who supervise interns determine the structure and the content of the internship in cooperation with the faculty supervisor. The approval and cooperation of the intern's agency or school field supervisor must be obtained the semester prior to the actual placement.
Prerequisite (s): CNDT 590, CNDT 790 or concurrent enrollment, and all other required course work must be completed or in progress and permission of the faculty supervisor must be obtained; any exceptions must be approved by the instructor.

CNDT 600 Body Mind Integration through Movement I 0 Credits
This is a movement laboratory class to explore how dance and movement reflect and affect physical, cognitive, mental, emotional, and spiritual states. Students learn to attune to their bodies in movement and develop awareness of the bidirectional interactions between body and mind.

CNDT 610 Dance/Movement Therapy Theory and Practice I 3 Credits
This course covers the foundational principles, theories, and techniques of dance/movement therapy (DMT) and will examine the social and cultural foundations of dance as art and medium for growth, change, and healing through a Western cultural lens. Readings, discussions, and experiential exercises illuminate the context in which DMT approaches in the United States developed. Students engage in current discourses on how DMT is evolving to be more inclusive of different cultures and identities.

CNDT 612 Movement Observation, Analysis, and Assessment 3 Credits
This course will provide students with the language and skills to observe, describe, analyze, and assess human movement patterns and behaviors using Laban Movement Analysis and Kestenberg Movement Profile. Other frameworks for movement observation and analysis will also be introduced to explore the applicability of various frameworks for clients with diverse cultural backgrounds. The didactic and experiential format of this class will enable students to embody various movement qualities and develop skills used in conducting and documenting dance/movement therapy sessions.

CNDT 620 Clinical Applications of Dance/Movement Therapy 3 Credits
Group and individual dance/movement therapy practices in various clinical settings are addressed: psychiatric hospitals, addiction recovery programs, therapeutic schools for children with emotional and behavioral problems, developmental disabilities, and special needs; hospices; and hospitals. Students develop their own working theoretical model of dance/movement therapy to guide their work as emerging dance/movement therapists.

CNDT 700 Body Mind Integration through Movement II 0 Credits
The second semester of the movement laboratory class focuses on the use of mindfulness practices and Authentic Movement methods for further develop body-mind awareness, to experience and observe movements simultaneously as internal and external experience, and to decipher the nature of knowledge and meaning inherent in dance and movement.
Prerequisite(s): CNDT 600.

CNDT 710 Dance/Movement Therapy Theory and Practice II 3 Credits
In this didactic and experiential course, select theories from psychology, counseling, psychotherapy, and neuroscience are studied in order to identify the healing and transformative factors of the creative arts therapies. Some of the topics covered in this course are: psychodynamics and object relations theories; intersubjectivity; symbolism and metaphor; psychology of creativity; and neuroscience in dance/movement therapy.
Prerequisite(s): CNDT 610.

CNDT 790 Clinical Consultation in Dance/Movement Therapy I 2 Credits
For students in their first semester of internship, this course provides 24 hours of supervision with Board-Certified dance/movement therapists. Students identify theoretical frameworks and DMT interventions that best suit their clinical placement and present clinical cases for consultation.

CNDT 791 Clinical Consultation in Dance/Movement Therapy II 3 Credits
Students in their second semester of internship will be in supervision with Board Certified Dance/Movement Therapists for 48 hours. Students continue to advance their DMT skills as well as their ability for self-reflection and self-assessment towards greater autonomy and in preparation for professional practice.

Early Childhood Ed (ECED)

Courses and Descriptions

ECED 532 Families, Community, and Diversity in Early Childhood Education 3 Credits
This course addresses the role of parents of young children within the context of school, home and society, as well as the influence of culture, traditions and current issues in early childhood education. Students will explore the efficacy of parenting techniques and behaviors on child development in the early years, including cognitive growth, emotional and social well-being and physical health. Students will investigate strategies for fostering home-school partnerships that enhance child development and educational success, as well as the influence of community, culture and socio-economic status on families and schools throughout our world. In addition, this course addresses current issues and challenges in the early childhood profession including inclusion of children with special needs, advocacy for quality care and education for all young children, and any other subject that might arise - either from the lives of children and families, teachers' professional development, or community agencies. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

ECED 550 Development Methods and Assessment in Early Childhood Education 3 Credits
The focus of this course is developmentally appropriate and culturally responsive curriculum and teaching P-3 settings as delineated in the guidelines of the National Association for the Education of Young Children. Students will learn how to make curriculum and teaching decisions based on knowledge of child development, content area, curriculum content standards, and home and community cultures. In order to meet the ever-changing needs, interests, and growing strengths of individual children, careful observation and assessment provides teachers with information on which to base adjustments of teaching plans. This course will provide opportunities to deepen understanding of child development; gain an appreciation for the professional responsibility of ongoing assessment of children; and, develop the necessary skills to gather, record, and interpret information in a deliberate and reflective manner. Required: 6 hours per week field placement in a Preschool classroom. A cumulative GPA of 2.75 is required.
Prerequisite(s): EDU 106 and EDU 206.

Education Administration (EDAD)

Courses and Descriptions

EDAD 501 Educational Leadership and Organizational Theory 3 Credits
This introductory course will provide leadership candidates with a framework for understanding the complexity of organizational behavior in an educational setting. Theories and issues in the technical core of teaching and learning, educational governance, leadership, communication patterns, decision-making, school culture, organizational problem solving and school change will be presented, examined and applied through a series of case studies and student initiated inquiry/research projects and presentations. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.

EDAD 505 Supervisor/Teacher Leadership for Improved Instruction and Student Learning 3 Credits
This course will explore the supervisory and evaluation practices in K-12 settings by examining and identifying the relationships among collegiality and collaboration, educational leadership, and the improvement of instruction. This course will emphasize the development of practical observation skills and approaches and the development of appropriate professional growth plans to enhance staff performance and bring about increased student learning. Multi-track evaluation programs will be examined as well as an analysis of current observation and supervisory approaches used in school districts. Participants in the course will develop a personal supervisory platform. This course will emphasize the development of collaborative and clinical supervision approaches as well as communication skills and interpersonal qualities of the effective supervisor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.
Prerequisite(s): Permission of Program Director.

EDAD 507 Education and the Law 3 Credits
This course will address legal issues and requirements confronting educational leaders in school settings. Students will be introduced to varied legal requirements that pertain to educational settings. Legal concepts and issues, and policies and procedures relating to students, parents, teachers and administrators, the board of education, and the community will be introduced and examined. Some of the topics referenced will include: regulations and the key concepts in the Individuals with Disabilities Education Act and the Americans with Disabilities Act; No Child Left Behind legislation; church-state issues; free-speech rights of students, teachers and extracurricular groups; curriculum development and implementation; rules governing student and staff conduct; creating and maintaining a safe school environment; child abuse; search and seizure procedures; affirmative action requirements; and, due process procedures. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.

EDAD 508 Leadership in School Business Administration 3 Credits
The educational leadership required to establish an effective relationship between school business services and the success of the total educational program is the primary focus. The professional and legal responsibilities of the school business administrator to manage the organization and resources, identifying and solving problems and issues related to the effective and efficient operation of school district, will be reviewed. Specific legal and code requirements and best-practice organizational and management procedures critical to the administration of a public school district will be examined. Topics studied include:organization and management of the district business office; development of strategic planning models; traditional and program oriented budgets; and, application of technology to instruction and management of school and district fiscal operations. Importance of "generally accepted accounting procedures" in district operations is emphasized. Other topics include:personnel, enrollment, and resource forecasting; debt service and insurance expenses; food services, transportation, and facility operations;supply management and facility maintenance;and temporary financial investments. Students demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards and professional development standards, the Standards for School Leaders of the Interstate School Leaders Licensure Consortium, and the candidate proficiencies developed by the Educational Leadership Constituent Council.

EDAD 509 School Financial Management and Accounting 3 Credits
This course examines the historical precedents and current procedures that regulate and control the funding and financial operations of school districts. The leadership role of the school business administrator, ensuring the operation of the district in compliance with policy, procedure, and code, is a central theme. Judicial decisions, federal and state legislation, the planned curriculum, and generally accepted business practices that impact on the operation of the total educational program in school districts will be reviewed. Some specific topics of study will include: the leadership role of the school business administrator in monitoring, assessing and reporting on fiscal operations; determining taxation rates; and, developing non-public sources of revenue. The impact of state imposed "cap" regulations and negotiated bargaining unit benefit packages and agreements will be assessed with regard to possible budget growth and development. Enrollment, revenue, and cash flow projections; the fiscal controls used to approve, manage and track expenditures; regulations and restrictions on the use of school funds; school district surplus and debt regulations; current and emerging fiscal concerns in school budget planning and development; and, the role of the school fiscal structure in relation to the local, state, and federal governments are other important topics to be developed. Advanced study in double entry accounting procedures will be a major component in the course. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards and professional development standards, the Standards for School Leaders of the Interstate School Leaders Licensure Consortium, and the candidate proficiencies developed by the Educational Leadership Constituent Council.

EDAD 510 Seminar/Practicum in Teacher Leadership and Supervision 3 Credits
This course requires the student to self-assess supervisory leadership strengths for the purpose of establishing an agenda for an extensive site-based internship. The internship agenda is guided by national leadership standards that ensure a comprehensive exposure to supervisory responsibilities. Students deepen their understanding of supervisory theory and best practice and apply this knowledge to the development and refinement of a personal leadership platform. Considerable attention is placed on understanding the ethical basis of supervisory practice. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state and national standards.
Prerequisite(s): CURR 531, CURR 532 or CURR 538, EDAD 505, and Permission of Program Director.

EDAD 511 Group Process in Supervision for Creative Change and Collaboration in Schools 3 Credits
This course will apply theory and research to the supervisory function of developing group capacity in educational settings. Students will identify group process "best practices" to be modeled by educational leaders. Candidates will develop and refine techniques, strategies, and personal skills facilitating the development of helping and caring relationships with faculty and staff, while promoting interactive communication with stakeholders concerned with improving teaching and learning. Students will demonstrate effective supervisory behaviors in class sessions and simulations that represent daily challenges and opportunities present in school settings. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 505.

EDAD 512 School Facility Planning and Development 3 Credits
This course will examine the leadership role of the school business administrator in facility planning, renovation, and expansion. The essential linkage between guiding principles, existing and proposed facilities, and the implementation of the total educational program is considered from both theoretical constructs and practical applications. Major topics of study will include: the development and revision of long-range facility plans; the role of the state Economic Development Authority; the critical review of state proposed "model" school buildings; and, the process of drafting educational specifications. In addition, required site plan reviews by state and local officials; the referendum approval process; and, the integral role of professional services (public opinion consultants, attorneys, demographers, architects, financial consultants, public information agencies, etc.) will be discussed. Students will evaluate geographic, socio-political, financial, and ecological considerations in proposed school construction. Planning for new and emerging technology, addressing health, safety, and security considerations, ensuring barrier-free access, incorporating energy conservation measures, and the utilization of school buildings by the greater community will be overarching themes developed. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards and professional development standards, the Standards for School Leaders of the Interstate School Leaders Licensure Consortium, and the candidate proficiencies developed by the Educational Leadership Constituent Council.

EDAD 513 Human Resources in Education 3 Credits
This course will develop the practical and theoretical knowledge of the human resources function in the educational setting. Emphasis will be placed on understanding and utilizing human resources functions and processes to identify needs and address issues in both instructional and non-instructional positions. The student will gain an understanding of the inter-relationship that exists between organizational climate, strategic planning, and the established policies and regulations of the human resources function. Students will develop a comprehensive understanding of the importance of recruitment, selection, mentoring and evaluation of faculty and support staff. Emphasis will be to continuously identify issues that are legal requirements in human resources administration or required by federal or state regulations. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards and professional development standards, the Standards for School Leaders of the Interstate School Leaders Licensure Consortium, and the candidate proficiencies developed by the Educational Leadership Constituent Council.
Prerequisite(s): EDAD 505 and EDAD 511.

EDAD 514 School Finance and Fiscal Management 3 Credits
This course will examine the principles and court decisions involved in shaping the legal framework of school finance. Students will examine the historical spending patterns of a school district budget and develop new budget proposals using "generally accepted accounting procedures" and the appropriate state budgeting codes. Students will study school budgeting procedures as a tool for program and school improvement. The class will examine the financial implications associated with site-based management models and whole school reform. Legislation pertaining to the financing of short and long term debt will be examined. Students will use technology to gather data; identify non-tax based resources; create presentations for specific audiences; and, work with models of data driven indicators to examine issues of equity, efficiencies and resource deployment. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501.

EDAD 515 Mentoring Beginning Teachers 3 Credits
This field-based practicum requires that each student work with a novice teacher (student teacher or beginning teacher) while enrolled in the course. Through reading, observation, biography and interview, students will explore how novice teachers acquire teaching knowledge and skill. By researching their own practice as mentors, reading relevant literature and participating in critical dialogue in seminars, students will explore and evaluate methods of facilitating and supporting novice teachers' professional growth.

EDAD 521 Using Research Strategies and Analysis of Data to Make Decisions in Schools 3 Credits
This course will develop the skills needed by educational leaders at all levels to interpret, use, and apply statistical concepts and research methodologies in critical administrative and supervisory functions. Statistical methodology will be used to further understanding of different research strategies. Students will interpret data and make informed decisions regarding the frameworks, implementation, and evaluation of instructional programs and practices designed to improve teaching and learning in school, district, and national settings. Course activities and field work will include: scenario and case study analyses; the use of critical friends' discussion groups; the application and use of different technologies and software programs; and, the identification of appropriate problem solving and resolution strategies. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.
Prerequisite(s): EDAD 501 and EDAD 514.

EDAD 591 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the first of two "capstone" internship courses for candidates in the leadership program in educational administration. The course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. This course is taken in the fall semester and is followed in the spring semester with EDAD 592. After analysis of leadership strengths, based on a self-assessment completed by the candidate, specific internship experiences will be cooperatively planned by the candidate, site-based mentor, and instructor. The capstone internship will build on strengths, develop growth experiences, be substantial and sustained, and be ethically informed. Students will cooperatively evaluate and problem-solve internship experiences, assess leadership performance from best-practice perspectives, finalize the development of a leadership platform statement, review and discuss topics and scenarios derived from readings and other resources, engage in simulations and case analyses, and interact with students in other graduate programs. Presentations by practicing administrators and other school personnel will provide understanding of the patterns of interaction that occur among different leadership positions in educational institutions. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of Instructor.

EDAD 592 Seminar/Practicum in Educational Leadership/Supervision 3 Credits
This is the second of the "capstone" internship course sequence that coincides with the school-year calendar and is taken during the spring semester. In combination with EDAD 591, the course meets New Jersey Department of Education requirements for an extended administrative internship in the schools. Students will continue pursuing field-based internship projects initiated in EDAD 591 in collaboration with a site mentor and the course instructor. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards. Enrollment by permission of instructor.
Prerequisite(s): EDAD 591.

EDAD 600 Independent Study and Research in Educational Administration 1-3 Credits
Course content varies with the academic research interests of students who wish to engage in independent study related to the overall content of educational administration.

Education Psychology (EDPS)

Courses and Descriptions

EDPS 500 Cognitive Assessment 3 Credits
This course addresses contemporary intellectual theories and the process and procedure of cognitive assessment. It presents the relevant issues related to intelligence testing and interpretation. Through a variety of pedagogical approaches, students acquire needed skills in administering, scoring, and interpreting results from contemporary tests of cognitive ability.
Prerequisite(s): EDPS 513.

EDPS 502 Psychological Development of the Child and Adolescent 3 Credits
Discusses principles and theories of lifespan development from conception through adolescence. The analysis, interpretation, and practical implications of significant research that has contributed most to the knowledge of human development of the child and adolescent will be presented. Developmental principles/processes in relation to counseling and evaluating children and adolescents as well as an understanding of individual differences and mental health will also be discussed.

EDPS 503 Human Growth and Development 3 Credits
Provides an overview and broad understanding of life span developmental theories and research applied to counseling services with special emphasis on developmental processes, individual differences and mental health. Includes strategies for working with developmental issues across the life span.

EDPS 508 Cognitive Processes and Learning 3 Credits
This course deals with what is known relative to the principles of cognitive psychology and their application to learning. The flow of information is followed from where it begins through the processes of integration and storage. Cognitive principles will be studied relative to concept formation, reasoning, and problem solving. Their relationship to specific educational tasks such as the teaching of reading, writing, mathematics, and other content will be explored and confirmed through empirical evidence.

EDPS 509 Psychoeducational Assessment and Report Writing 3 Credits
This course furnishes students with the clinical, practical, and theoretical sophistication to understand the assessment and report writing process for academic, behavioral, adaptive, and social-emotional concerns. Students are expected to master a wide range of concepts and skills to successfully complete this course including integrating multiple pieces of assessment data for case conceptualization, classification, and treatment recommendation. Students are required to synthesize data from multiple methods of assessment and sources to produce written psychoeducational reports that inform intervention practice.
Prerequisite(s): EDPS 513.

EDPS 510 Assessment of Behavioral and Social-Emotional Functioning 3 Credits
The assessment of behavioral and social-emotional functioning is studied from an empirically based, problem-solving model that links directly to intervention. Students learn to select appropriate assessment tools to match individual referral questions so as to evaluate the behavioral and social/emotional problems of children and adolescents.
Prerequisite(s): EDPS 513.

EDPS 513 Professional Practice of School Psychology: Issues and Historical, Ethical, and Legal Considerations 3 Credits
This course is designed to provide an introduction to school psychology through an analysis of the contemporary roles and functions of school psychologists. Professional issues are explored in the context of the history and evolution of school psychology as a specialty area of professional psychology. In addition, the study of professional ethics, best practices, and standards for delivery of school psychological services that have been adopted by national organizations representing the profession of school psychology will be reviewed.

EDPS 514 Standardized Measures of Academics and Behavior 3 Credits
This course will increase students' understanding of the standardized assessment process, measurement issues, psychometric properties of assessment instruments, and the role of these instruments in informing academic, behavioral, and social-emotional interventions.

EDPS 515 Curriculum-Based Assessment and Measurement 3 Credits
This course will build upon students' knowledge and skills in individual-referenced assessment based upon the standards and general curriculum. Students will be able to design, administer, score, and interpret curriculum-based assessment and link these data to intervention.

EDPS 520 Measurement,Tests and Assessments in Counseling 3 Credits
This course covers the use of assessment instruments in counseling practice. Topics include descriptive statistics, reliability and validity, social and ethical considerations in testing, the appropriate selection and usage of standardized tests, and the communication of their results. At the conclusion of the course, students will be able to administer, evaluate and interpret assessment instruments commonly used in the counseling profession.

EDPS 521 Statistics and Quantitative Analysis 3 Credits
This introductory statistics course will cover basic descriptive and inferential statistics for use in counseling, school psychology, and education. Students will learn how to interpret and evaluate statistics in empirical articles and to understand some of the considerations in selecting and using different statistical techniques. In addition, they will learn to analyze data and interpret output using statistical software.
Prerequisite(s): EDPS 520, EDUC 500.

EDPS 535 Biological Basis of Behavior 3 Credits
This course will emphasize a biological approach to the study of psychology and behavior. Topics studied will include the following: 1) the genetics of human psychological differences; 2) the anatomy of the nervous system; 3) psychopharmacology; 4) neuropsychological diseases (e.g., epilepsy, autism, multiple sclerosis); 5) memory and amnesia; 6) sleeping, dreaming, and circadian rhythms; and 7) the biopsychology of mental health difficulties.

EDPS 538 Developmental Child Psychopathology 3 Credits
The course will furnish students with a comprehensive account of the characteristics, correlates, causes, contexts, and outcomes of psychopathology in children. It serves to augment students' understanding of specific conditions in childhood and adolescence including autism spectrum disorders, attention-deficit/hyperactivity disorder, mental retardation, childhood anxiety/depression, enuresis/encopresis, learning disabilities, communication disorders including selective mutism, and emotional/behavioral disorders. The diagnostic nosologies of the DSM and IDEA will be referenced and thoroughly discussed. A special emphasis upon a developmental-systems framework for understanding child psychopathology will be presented wherein the importance of context and the influence of multiple, interacting events and processes in shaping adaptive and maladaptive development will be investigated.

EDPS 570 Advanced Interventions for Children, Adolescents and Families 3 Credits
This course provides opportunity to expand each student's knowledge and skills in the development of effective interventions to meet academic, behavioral, and social-emotional needs. Currently accepted practices based upon the individual's referral problem will be explored. Intervention will be approached from a problem-solving model and based on current assessment data. Case studies will be used to link theory and application.
Prerequisite(s): EDPS 513.

EDPS 581 Practicum in Psychoeducational Assessment and Report Writing 1 Credits
This practicum experience provides supervised practice in administering, scoring, and interpreting an array of individually administered assessment instruments for the purpose of producing a written psychological report that is linked to intervention.
Prerequisite(s): EDPS 513.

EDPS 582 Practicum in the Assessment of Behaviorial and Social-Emotional Needs 1 Credits
This practicum experience provides supervised practice using the techniques and methods taught in EDPS 510 Assessment of Behavioral and Social-Emotional Needs. Students will be expected to complete a Functional Behavioral Assessment including recommendations for a behavior intervention plan and a means to monitor and evaluate the target student's progress.
Prerequisite(s): EDPS 513.

EDPS 583 Practicum in Consultation in School and Agency Settings 1 Credits
This practicum experience provides supervised practice in the study, implementation, and evaluation of a problem-solving model to provide consultation across school and agency settings. Students will be expected to successfully initiate and lead the 4-step consultation process resulting in a databased intervention. The consultation will be documented in a formal report.
Prerequisite(s): EDPS 513.

EDPS 584 Practicum in Curriculum-Based Measures 1 Credits
This practicum provides supervised experience in identifying academic needs of students utilizing curriculum-based assessment (CBA) methods within a problem-solving framework. Students will practice the selection and administration of appropriate CBA tools to match referral question(s) at the individual, class-wide and school-wide levels. Students will also practice assessment of the academic environment by conducting structured direct observation of the classroom. Students will summarize and analyze assessment data, develop goals and objectives and make recommendations for intervention.
Prerequisite(s): EDPS 513.

EDPS 590 Internship in School Psychology I 3 Credits
The student functions as a school psychologist in a 600-hour approved field placement under the supervision of a certified school psychologist. At least 50 percent of the internship must occur in a school setting. Additionally, students attend weekly seminars that deal with issues related to professional ethics, problem-solving and intervention design, and group supervision. The internship occurs at the end of the student's program.
Prerequisite(s): EDPS 581, EDPS 582, and EDPS 583.

EDPS 591 Internship in School Psych II 3 Credits
The student functions as a school psychologist in a 600-hour approved field placement under the supervision of a certified school psychologist. At least 50 percent of the internship must occur in a school setting. Additionally, students attend weekly seminars that deal with issues related to professional ethics, problem-solving and intervention design, and group supervision. The internship occurs at the end of the student's program.
Prerequisite(s): EDPS 590.

EDPS 600 Independent Research and Study in School Psychology 1-3 Credits
Course content varies with the academic research interests of students who wish to engage in independent study related to the overall content of school psychology.

Education Sociology (EDSO)

Courses and Descriptions

EDSO 501 Foundations of Counseling in Edu Settings: Referral Sources for Stdnts and Stdnts With Special Needs 3 Credits
The course provides an overview of the foundations of counseling in educational settings, including the historical roots, current and future trends, roles, and functions in multicultural schools and higher education settings. Students examine the roles and responsibilities of professional school counselors to facilitate student success through the development of a comprehensive school counseling program as an integral component of the total education system.

EDSO 502 Applied Counseling & Consultation Models in Educational Settings 3 Credits
This course provides a critical exploration of the role of professional counselor as an advocate, leader, and change agent in educational settings. Students investigate evidence-based prevention, intervention strategies, and evaluations to promote academic success and to eliminate the achievement gap, including individual and group counseling and consultation strategies, and evidence-based preventions, interventions and evaluations. In addition, the course will address community social services and school-based programs (including special education and disability laws and accommodations) available to students with special needs, individuals and groups experiencing learning disabilities and other temporary or chronic maladjustments. Reviews of principles and methods utilized by social agencies, schools and higher education settings are included.
Prerequisite(s): EDSO 501.

EDSO 510 Sociological and Cultural Foundations of Education 3 Credits
The American public school as a social organization which influences and is influenced by local, national and international cultural evolution. An exposition and analysis of the vibrant multicultural issues that sometimes determine the outcome of public education. An exploration of contemporary educational problems and challenges resulting from changing social and cultural conditions. A perceptive and reflective placement of these changes in a historical context to enable students put the future in perspective.

Education (EDUC)

EDUC 500 Introduction To Research 3 Credits
This course will provide students with the tools to evaluate the claims and uses of research related to teaching, counseling, and psychology. Students will learn how to find and critique the literature, and will be able to conduct some of their own basic evaluative research to assess the efficacy of their practice and programs. At the conclusion of the course, students will have developed an understanding of rigorous research and evaluation design, and will have skills in data analysis and interpretation.

EDUC 501 Methods and Instruments of Research 3 Credits
Acquaints students with insights, information, methods, procedures, and techniques for planning, conducting, and evaluating research. Includes the nature and types of research, methods, and procedures used in educational and psychological research, and the use of research data and other appropriate tools. The completion of a research proposal is required. Students who wish to complete the research project may do so on an individual basis in consultation with their respective advisors.
Prerequisite(s): EDPS 506 and READ 501.

EDUC 502 History of Education 3 Credits
The necessary knowledge of modern education's heritage so that students understand and appreciate current educational practices in proper perspective. Concentration on education's evolution in the U.S. from colonial times to the present, with a major emphasis on a study of topical issues in education treated within the framework of their historical background. A term paper and intermittent reports are required.

EDUC 503 Philosophy of Education 3 Credits
Considers the nature, aims, and objectives of education in a democratic society. Critical evaluations of various educational theorists and the philosophies of pragmatism, idealism, realism, existentialism, etc., are made. Students are encouraged to develop their own philosophy of education by preparing intermittent reports and term papers.

EDUC 511 Educational Foundations: Philosophical/Historical Perspectives 3 Credits
Major thoughts and significant actions in American educational history from colonial times to the present. Synthesis and integration of philosophical and historical contributions to the evolution of America's educational heritage for the purpose of understanding and appreciating current educational practices in proper perspective. Major emphasis on topical issues within the framework of their philosophical/historical backgrounds. Critical evaluations made of educational practices based on pragmatism, idealism, realism, existentialism. Students are encouraged to develop their own philosophy of education by preparing intermittent reports and term papers.

EDUC 515 Issues in American Schools and Society 3 Credits
This course is designed to examine contemporary educational issues impacting on schools and to re-examine the purposes of schooling in a democratic society. Students will explore current and emerging policy issues and the demands for reform in schools and districts. Emphasis will be placed on identifying and developing politically feasible responses to policy issues and procedural problems facing educational leaders today. The role of the leader in promoting the development of a collaborative institutional culture and climate and the identification of best-practice strategies to involve community stakeholders in the development of policies and programs will be emphasized. Effective communication models for use within the school, district and greater community and the use of different media and technology formats will be examined and evaluated. Students will demonstrate course understandings through actual classroom and school applications that are referenced to state adopted core curriculum content standards, professional development standards and national school leadership standards.

EDUC 520 Introduction to Linguistics and Psycholinguistics 3 Credits
This course provides an introduction to the properties of human languages and to their systematic study in the field of linguistics and psycholinguistics. Topics include the nature of human language as distinct from other communication systems; sound patterns (phonology), word-formation (morphology), sentence structure (syntax), and meaning (semantics) in the world's languages; relations to cognition, communication, and social organization; dialect variation and language standardization; language learning by children and adults; and the nature and history of writing systems. Intended for any undergraduate and graduate interested in language or its use. It is assumed that students have had no prior course work or exposure to linguistics and will begin with the basic assumptions that are shared by those who study language from a variety of perspectives. Students analyze their own speech patterns, investigate different speech acts in different languages and develop a research project using a linguistic construct in order to apply it to the second language classroom. Students present this project in a poster format to the university community at the end of the semester.

EDUC 521 Teaching a Second Language 3 Credits
This course focuses on interactive methods of teaching a new language as well as cross-cultural understanding. Students learn to plan using national and state standards for language instruction, organize activities, design and direct language learning tasks, and assess learning. Includes theoretical positions on communicative language learning and teaching, the use and evaluation of currently used materials, the design of new materials, and field experiences in the language to be taught. Students develop their professional portfolio, participate in an E-seminar, prepare a unit of study, and present lesson segments. Open to prospective world language teachers, ESL and bilingual teachers, as well as practicing teachers seeking certification.

EDUC 525 The Higher Education Organization 3 Credits
This course allows students to gain perspective on the historical and societal context of higher education in America and the organizational structures, functions, behaviors, and cultures that exist within institutions.

EDUC 530 Student Affairs & Experiences in Higher Education 3 Credits
This course will highlight how individuals access higher education and how that education affects students' development via programs, services and interventions designed to promote student growth. The course will explore multiple dimensions of the student experience and how student development theory is used to understand and enhance those experiences. Students will also explore student affairs organizational structures and functions common in colleges and universities.

EDUC 531 Introduction to Collective Bargaining and Labor Relations 3 Credits
This course assumes that students do not have prior knowledge of legal terminology or concepts. It will provide students with a foundation in the fundamentals of collective bargaining and union-management relationships within the unique environment of the college campus. American labor law is the prevailing system of laws that govern universities and colleges, however, students will explore how these general "rules of the game" apply to higher education institutions. The course will challenge participants to consider how general rules and principles of collective bargaining and labor relations shape, and are shaped by fundamental aspects of the higher-education "workplace" including academic freedom, faculty workloads, tenure and shared governance. These unique factors have the potential to influence expectations concerning productivity, termination and the traditionally sharp distinction between labor and management found in other industries.

EDUC 535 Legal and Ethical Issues in Higher Education 3 Credits
This course discusses the fundamentals of American law that directly and indirectly affect the environment of higher-education. Students will use diverse sources of law to understand the many different ways laws, code and common law affect the life of an higher education administrator. Ethical issues will be explored in relationship to critical issues in higher education such as admissions, affirmative action, dismissal procedures, academic honesty, and student loans.

EDUC 540 Leading Operations, Change and Assessment in Higher Education 3 Credits
In this course, students will gain an understanding of the daily and long-term operational challenges colleges and universities face. The course intends to cultivate a strategic mindset about higher education organizations and a recognition that institutions exist in a competitive environment that require them to change in order to survive.

EDUC 541 Assessing Organizational Performance in Higher Education 3 Credits
Through this course, students will be introduced to the concept of institutional effectiveness which focuses on an institution's ability to use planning strategies and evaluation information to assess current performance and plan for improvements. Students will understand the importance of a performance assessment culture including the presence of clear performance goals and measures, collaborative decision-making, and engaged leadership. A focus on determining what should be assessed in academic and administrative units and strategies for initiating performance assessment programs is reviewed.

EDUC 542 Assessment of Student Learning in Higher Education 3 Credits
This course examines institutional effectiveness matters focusing on assessment processes in higher education. It explores topics such as the evaluation of academic programs, assessment of student learning outcomes, and involvement in accreditation and accountability demands in higher education. Here, the focus is on how colleges and universities are doing assessment, at the classroom, program, and institutional levels. The course covers the pragmatic planning skills and decision-support tools relevant to assessing student learning. Just as businesses are expected to adhere to compliance and ethics standards, this course provides an in-depth look at how universities' adherence to standards pertaining to academic success can and will lead to an assurance that accredited universities are achieving their institutional goals, meeting the public's' expectations, and realizing their greater societal mission.

EDUC 543 Communicating Educational Data 3 Credits
Through this course, students will develop skills in statistical communication, incorporating data into delivery methods such as writing, public speaking, teaching, informal conversation and collaboration, programming, and graphic visualizations. Students will understand the importance of creating a data-informed culture and how it contributes to an organization's success. They will also learn methods and strategies of how to communicate to a non-technical audience.

EDUC 545 Capstone Seminar in Institutional Effectiveness 3 Credits
This course will offer students an opportunity to reflect on their own work, considering their development as scholars, practitioners, and leaders in the field of higher education. Students will demonstrate mastery of content through a significant project adapted to the professional requirements of a practicum site or their current employer, which will require students to access, analyze, manage, and present data to an organization's decision makers. The goal is to provide an opportunity to apply what students have learned about how to make data-driven decisions to a real business or operational challenge faced by a higher education organization.
Prerequisite(s): Requires approval from Program Director. Must have completed all other program requirements.

EDUC 550 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 551 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 552 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 553 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 554 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 555 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 556 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 557 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 558 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 559 Selected Topics in Higher Education 3 Credits
As a special topics course, the content will vary according to the topic or issue under consideration for a given offering of the course. The following are some of the topics anticipated: Adolescent into Adult Development, Problems and Issues in Residence Life, Public Relations and Marketing in Higher Education, Technology and Data Management in Higher Education, Planning for a Safe and Secure Campus Environment. Students will be expected to investigate the research literature related to the topic, examine institutional practices and implications, and propose improvements to campus policies and procedures. The EDUC 500 to 559 course numbering is designed to permit students to enroll in more than one version of the course to fulfill concentration requirements. (Course is offered on a special scheduling basis.).

EDUC 560 Educating and Evaluating the Bilingual Child 3 Credits
An examination of the historical, legal and pedagogical aspects of the education of language minority students. Considers the design of school programs for minority students including legal mandates, testing, staffing and funding. Emphasis is placed on the evaluation of bilingual students as they enter, develop and exit from special programs of study.

Educational Leadership (EDLD)

Courses and Descriptions

EDLD 800 Strategic Management, Organizational and Moral Leadership Behavior in a Culture of Learning 3 Credits
This course will challenge students to embrace a system view of leadership and organizational change at the organizational level. Students will compare, contrast and critique theories and models of organizational learning, knowledge creation, and organizational capacity building and apply them to their own organizational settings. The course will focus on three leadership standards: instructional leadership, operational and managerial leadership, and professional culture. While the course will focus on conceptual frameworks and theory, it is a practice-based course. The course will enhance student ability to think systematically and develop comprehensive understanding of core competencies required to lead, initiate and sustain change in organizations. It investigates process and content issues of team building, interpersonal and group relations, and effective problem solving and decision making skills in collaborative environments. The course emphasizes the moral, ethical and social responsibilities of organizational leaders, as well as the application of principles to organizaitonal leadership behavior and decision-making. Students will also investigate current research trends regarding ethical issues in education and other organizational contexts.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 801 Action Research: Principles and Methods 3 Credits
This course provides an introduction to action research, with emphasis on its application in educational settings. The course covers definitions and purposes of action research. Students will explore theoretical, methodological, and ethical issues pertinent to action research. During the course, students will engage in an action research project in an educational setting.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 802 Educational Change, Systemic Reform, Exercising the Politics of Change 3 Credits
This course will provide students with the skills necessary to achieve educational reform and improvement while navigating the political environment within educational institutions. Through this course, students will analyze various theories and how these ideas apply to education, organizations, change, and leadership.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 803 Instructional Leadership and Educational Reform 3 Credits
Through this course, students will examine contemporary educational practices and their relationship to leadership theories, models, and strategies. Participants will investigate research based instructional practices and develop the skills necessary to identify issues within organizations in suburban and urban settings. The course will provide students with a deep knowledge of the educational challenges faced by educational leaders in today's society. The focus will be on learning a successful organization through the implementation of research based strategies.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 804 Community Building and Sustaining Community Partnerships 3 Credits
Drawing on philosophies/theories, processes, and practices that build and sustain effective school-community partnerships, this course addresses the identification and utilization of community resources and the development of effective intra- and inter-organizational strategies, community linkages, and collaborative efforts necessary to provide for the holistic needs of students and families. Special attention is focused on the role of school leaders in planning and implementing community-wide and building level communications and involvement networks, through the development of practical action learning sets and tools. Building Commitment: How do leaders build and use public awareness and commitment to support their schools?
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 805 Valuing Diversity/Equity: Developing and Fostering a Community of Learners 3 Credits
The focus of the course is academic excellence with equity. The value orientation of the course is toward high-quality developmental outcomes for youth of all racial, ethnic, and social class backgrounds. With an emphasis on students of color and youth from less-advantaged families, the course explores several policy and strategic responses to achievement disparity: identify and work to remove key structural barriers to educational equity; excellence with equity goals; design more effective policies and practices to improve the quality of teaching; support families with ideas and practices for parenting children more effectively; engage youth to reshape their culture of achievement to align with their most positive values. The course explores theories, evidence, designs, methods, and mechanisms associated raising achievement and closing gaps.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 806 Research Proposal Development 3 Credits
This course builds on the action research course to more clearly define the rationale and procedures of educational and social science research. The course is designed for our first -year doctoral students. Topics will include the nature and purpose of research, planning and conducting research, critiquing and evaluation rsearch, sampling, survey and experimental design, evaluation research, naturalistic observationand inquiry, measurement and methods of data collection, ethics, and the use of computers in data analysis. Methods are considered for collecting both quantitative and qualitative data. Students will build on prior project ideas, concepts, and research practice to more fully develop into their Dissertation of Practice topic. This course has two objectives: to increase participants' knowledge of methods for making causal inferences in quantitative research, and to provide participants with a forum for presenting and receiving feedback on their research topic for the Dissertation of Practice.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 807 Law and Policy 3 Credits
This course explores legal, ethical and political issues governing PreK-12 education in America and the legal responsibilities and powers of state and local governing bodies and individuals that arise in elementary and secondary schools. Emphasis is given to federal and state statutes and case law affecting due process, liability, equal protection, and the rights of teachers and students in order to better understand the risks in education management and possible strategies to reduce those risks. The course will explore evolving legal standards on a variety of issues. The course will draw on real cases and legal/policy dilemmas that practitioners face, and focus on preventive law - providing current and future school learners with knowledge and skills they will need to make sound decisions, advance important educational objectives, and minimize legal problems.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 808 Generating, Using, and Assessing Data Accountability and Student Assessment 3 Credits
This course will develop the skills necessary for educational leaders to identify and define problems, implement data collection methods, and analyze, interpret, and report data across multiple levels from the individual student to the larger system. Students will gain the knowledge and skills to use data in decision making within a problem solving framework that enables evaluation of instructional programs and practices. Within this course, students will engage in activities designed to enhance skills in data-based decision making, including: large and small group discussion; review of the extant literature base; review and use of different technologies and statistical methods for data collection and analyses; case studies and simulated data analyses; and application of skills in real world settings. Attainment of these skills will prepare the student for the dissertation process to serve as an instructional leader in the field. The course references and aligns with state adopted core curriculum content standards and professional development standards, the Standards for Schools Leaders of the Interstate School Leaders Licensure Consortium, and the candidate proficiencies developed by the Educational Leadership Constituent Council.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 809 Finance, Fundraising and Fiscal Management 3 Credits
Financial and managerial leadership of a school building or district is a primary factor in the success or failure of school instructional programs. This course provides an opportunity for public and private school practicing and prospective administrators to gain an understanding of their role in these critical areas. Providing the resources to fund academics/instruction/athletics, facilities and capital projects is a focus of this course. A comprehensive understanding of the financial implications of systemic reform, centralized goal setting, accountability standards, and decentralized forms of site-based management, school choice, and charter schools will be a focus of study. This course will also provide a comprehensive overview of fund raising. Students are provided with an ethical foundation and are introduced to basic terminology and concepts in the field. Various fund raising vehicles are surveyed and participants learn to apply fund raising strategies that are appropriate to their organizational setting.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 810 Curriculum Leadership: Transforming Teachers/Developing Teacher Talent 3 Credits
This course will focus on the complex nature of teaching and learning and provide participants with the skills necessary to guide instructional practice. Adult learning theory will be examined as will curriculum theories, instructional practices, professional development, and human capital.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 811 Innovation and the Use of Educational Technology 3 Credits
This course addresses the intersection of organizational change and educational technology. Students will develop a philosophy of educational technology and explore related issues in policy, diversity, ethics, and evaluation. The course also covers research and theory on organizational change and processes for developing a culture of innovation. Students will apply theories of organizational change to the implementation and use of technology in educational contexts.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 812 Leading Programs for Diverse Learners and At Risk Students 3 Credits
This course examines some of the best practices for supporting diverse learners and at-risk students and some of the reasons behind the intrinsic and bureaucratic/policy barriers that may hinder their success. Schools are faced with an increasing number of diverse learners and at-risk students who require additional academic, social and/or medical supports for them to achieve success. This course will examine the root causes that may hinder student success and some of the programs and approaches that have proved successful in meeting their needs.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 813 Dissertation of Practice I 3 Credits
The Dissertation in Practice is a scholarly endeavor that impacts a complex problem of practice. This research is a reflective process of progressive problem solving led by individuals working with others in teams or as part of a community of practice to improve the way they address issues and solve problems, The research involves the process of actively participating in an organization change situation while conducting research.
Prerequisite: Master's Degree and Permission of the Program Director.

EDLD 814 Dissertation of Practice II 3 Credits
The Dissertation in Practice is a scholarly endeavor that impacts a complex problem of practice. This research is a reflective process of progressive problem solving led by individuals working with others in teams or as part of a community of practice to improve the way they address issues and solve problems. The research involves the process of actively participating in an organization change situation while conducting research. This course is a continuation of Dissertation of Practice I.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 815 Dissertation of Practice III 3 Credits
The Dissertation in Practice is a scholarly endeavor that impacts a complex problem of practice. This research is a reflective process of progressive problem solving led by individuals working with others in teams or as part of a community of practice to improve the way they address issues and solve problems. The research involves the process of actively participating in an organization change situation while conducting research. This course is a continuation of Dissertation of Practice II.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 816 Dissertation of Practice IV 3 Credits
The Dissertation in Practice is a scholarly endeavor that impacts a complex problem of practice. This research is a reflective process of progressive problem solving led by individuals working with others in teams or as part of a community of practice to improve the way they address issues and solve problems. The research involves the process of actively participating in an organization change situation while conducting research. This course is a continuation of Dissertation of Practice III.
Prerequisite(s): Master's Degree and Permission of the Program Director.

EDLD 817 Qualitative Research Methods 3 Credits
This course gives particular focus to the use of qualitative research methods in action research studies. Students in this course will gain knowledge about the theoretical foundations, conceptualization, and design of qualitative research. Building on prerequisite coursework, students will learn and practice advanced skills for collecting qualitative data. Students will also engage in hands-on application of specific analytic methods and generate a formal written report of results, paralleling required components of the dissertation of practice. Students will review several dissertation of practice studies that exemplify qualitative research methods in the context of action research. Attention will be given to issues of bias and positionality in qualitative research.
Prerequisite(s): EDLD 801.

EDLD 900 Dissertation In Progress 1 Credits
This course is a continuation of the sequence of dissertation seminar courses to complete the Action Research Dissertation in the Doctorate Program for Educational Leadership. Candidates will register for this course each semester until the defense of the dissertation is completed.
Prerequisite(s): EDLD 813, EDLD 814, EDLD 815, EDLD 816.

Executive MBA (EMBA)

Courses and Descriptions

EMBA 9001 Top Management Perspective 3 Credits
This team-taught course will serve as the initial course of the EMBA program. The course will take place over three weekends. Top managers will also attend and provide their perspectives to students and faculty in attendance. This course will explore the "art" of case study analysis. Students will focus on identifying, analyzing, and resolving issues from a top management perspective. This course will consider various issues confronted by top managers and heavily emphasizes contemporary cases that illustrate a wide range of management issues. By having the course team-taught by a faculty member and an Executive-in-Residence, both the academic and applied aspects of business will be represented in the classroom. This sets the tone for the approach and philosophy of the entire program - a blending of business theory with real world application. Another of the course's purposes is to allow the students to get to know one another, become acquainted with the faculty who will be teaching in the program, and receive an overview of the material that will be covered.

EMBA 9220 Financial Accounting 3 Credits
This course provides a managerially-oriented focus on the aspects of financial accounting most relevant to business decision makers. Students will develop the ability to read, analyze, and interpret financial information for decisions regarding operating, investing, and financing activities as well as serving as a foundation for more advanced analysis in areas such as credit and equity decisions.

EMBA 9231 Economic Analysis and Decision Making 3 Credits
This course focuses on using economic methods for making managerial decisions affecting the value of the firm. Topics include demand analysis, production and costs, employment decisions, project evaluation, profit-volume analysis and pricing strategies under a variety of settings. The course emphasizes integration between economics, accounting, and finance.

EMBA 9240 Corporate Finance 3 Credits
This course introduces modern corporate finance principles that today's managers should know. Its purpose is to give students a thorough introduction to the theory and practice of financial management. The course reviews the principles executives need to acquire to manage for value creation. Topics covered include valuation of securities, capital budgeting, cost of capital, capital structure, and value-creating decisions in a global environment.

EMBA 9250 Statistical Analysis for Bus 3 Credits
This course introduces students to basic concepts and methodologies in probability theory and statistics. Emphasis is on real-world application of reasoning techniques used for interpreting data for decision criteria of managerial decision making. Topics include probability, variables, estimation, hypothesis, regression, and sampling. Concepts of learning are facilitated through real-world practices.

EMBA 9251 Supply Chain and Operations Management 3 Credits
This course focuses on the issues, concepts, skills, and techniques related to the management of operations of organizations. Students are introduced to various techniques of operations research and management science as they are applied to decision making in the management of operations. Topics include productivity, supply chain management, manufacturing strategies, and competitiveness.

EMBA 9260 Strategic Marketing 3 Credits
The focus of this course is to provide students with the analytical skills required to understand and assess complex marketing situations in order to develop and implement appropriate marketing strategies. Identifying individual case factors and understanding the relationship between developments of strategies is emphasized. Students will apply the material using real-world cases faced by organizations.

EMBA 9270 Management/Team Skills 3 Credits
This course is based on the assumption that management and team skills can be learned. To learn skills requires active involvement in the classroom exercises and many learning opportunities come from group activities. To develop these skills, students will need to set personal goals and experiment with new behavior. This course will involve a variety of in-class exercises including self-assessments, interpersonal activities, and a team project.

EMBA 9271 Leadership 3 Credits
This course has been designed to provide students with an understanding of leadership from both a scholarly and a practitioner perspective. The purpose is to help students understand what it means to be a leader in general and in the current business environment specifically. Students will be encouraged to consider their own leadership aspirations, to observe others in leadership roles, and to test their own leadership acumen.

EMBA 9301 Corporate Governance Legal Ethical Issues 3 Credits
This course provides an overview of corporate governance. The governance structure specifies the distribution of rights and responsibilities among different participants in the corporation, such as the board of directors, managers, shareholders, and other stakeholders. In this course, students will discuss the importance of corporate governance and the roles of various stakeholders in the governance structure. Conflicts of interest that arise between the stakeholders and approaches to mitigate those conflicts will be a central focus of the course. Because corporate governance plays an integral role in creating a culture in which ethical behavior is the norm, this course will also focus on identifying, analyzing, and resolving ethical dilemmas in business. The course will consider ethical issues confronted by managers and heavily emphasizes contemporary cases that illustrate a wide range of ethical issues.

EMBA 9302 Corporate Performance Evaluation 3 Credits
This course emphasizes to executives that shareholder value creation should be an enduring focus of concern because value is the foundation of survival and prosperity for the enterprise. The course introduces multiple perspectives in evaluating the performance of the firm. Among them are management control systems, financial statement analysis, cash flow analysis, and the balanced score card (BSC) including Economic Value Added. The nature of these approaches to evaluation draws from the disciplines of accounting and finance. Structuring the course as a team-taught course in which instructors from both of these disciplines will be present helps to ensure that students will receive a comprehensive and integrated understanding of the course topics. Students will experience using real-world cases in evaluation.

EMBA 9303 Intl Bus Seminar W/ Travel Exp 3 Credits
The purpose of this course is to examine the intricacies of conducting business internationally. With each offering, the course will focus on parts of the world where emerging economies are becoming influential players in international business. Examples of these emerging economies include China, South America, Argentina and Chile in particular, and Eastern Europe or Southeast Asia. The influence of external forces resulting from the socio-cultural, economic, technological and political aspects of the macro-environment will be examined. The competitive environment will be examined from the perspective of both multinational and domestic corporations. Finally, consideration will be given to the corporate level strategies and the functional operation of these corporations as they compete for market share, financial investment and human resources.

EMBA 9309 Special Topics 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.

EMBA 9310 Information Technology and Management 3 Credits
This course enables current and future senior executives to gain a strategic perspective of information technology resources within the organization. The focus is on opportunities and challenges associated with managing technological resources as well as how the effective management of information technology can improve competitive positioning and operational performance. Course format will be a combination of lectures, guest speakers, case studies, and hands-on exercises. Experiential learning opportunities will allow students to work with real-world case studies using relevant technologies.

EMBA 9362 Product Development and Commercialization 3 Credits
The purpose of this course is to provide an in-depth overview of the Product Development and Commercialization (PD&C) process. This will be done through the analysis of cases that describe actual PD&C as well as innovation problems faced by a variety of organizations (e.g. consumer, health care service). Topics covered include innovation funding, opportunity analysis, common PD&C challenges and issues, and the interface among various disciplines to achieve best-in-class PD&C strategies.

EMBA 9880 Strategic Management: a Capstone Course 3 Credits
The capstone course focuses on the elements required to make effective strategic decisions in organizations with reference to the impact these decisions have on all stakeholders. The purpose of this course is to provide students with an understanding of the strategy process through an analysis of how a firm develops a mission, vision, and establishes a sense of purpose while simultaneously monitoring the external environment for emerging opportunities and threats. Topics focus on real-world cases, the evolution of strategic management processes, and strategies for a global world.

EMBA 9900 Leadership Edge 0 Credits
This course is structured as pass/fail. It provides students at, or aspiring to, executive positions within their organization's career, leadership and management development with a real-time, practical approach to leadership. This differentiator and developmental component is referred to as "The Leadership Edge." Students will reflect on self-assessments completed as part of the program. They are then able to leverage the Leadership Edge experience by pursuing different methods of developing career, leadership, and management competencies to fill identified gaps. Opportunities for development are met through group sessions and student participation in individual (private) coaching or group seminars to discuss personal career and organizational situations. The choice of which avenue is taken (individual or group) is made on an integrated group basis.

EMBA 9906 Special Topics in Bus Adm 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.

EMBA 9907 Special Topics in Bus Adm 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.

EMBA 9908 Special Topics in Bus Adm 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.

EMBA 9909 Special Topics in Bus Admi 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.

Harpsichord (HP)

HP 641C Harpsichord Elective 2 Credits

HP 641D Harpsichord Elective 1 Credits

HP 641E Harpsichord Elective 2 Credits

HP 641F Harpsichord Elective 1 Credits

Homeland Security Policy (HLSP)

Courses and Descriptions

HLSP 501 Homeland Security 3 Credits
The course is designed to help students increase their knowledge and understanding of homeland security policy. The course will consider why and how homeland security problems impact the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. The course will primarily examine policy making at the national level in the United States, but will also analyze examples at the state and local level, as well as placing U.S. policy in a comparative perspective.

HLSP 502 Development and Structure of the US Intelligence Community 3 Credits
The course is designed to help students increase their knowledge and understanding of homeland security policy. The course will consider why and how homeland security problems impact the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. The course will primarily examine policy making at the national level in the United States, but will also analyze examples at the state and local level, as well as placing U.S. policy in a comparative perspective.

HLSP 504 Political Behavior of Security and Conflict 3 Credits
The course focuses on various analytical approaches in behavioral political science in order to better understand how individuals interact with the political system. It does so by advancing students' knowledge of the cognitive aspects of whether citizens engage in various types of political behavior during periods of crisis and uncertainty. The course empowers students to conduct advanced research in order to test some of the leading theories of the subfield.

HLSP 505 Civil Liberties and National Security 3 Credits
During times of crisis, can our government maintain individual liberty? This course provides an in-depth exploration of the tension between the role of the state in balancing civil liberties with national security. In this context, the course provides a specific focus on freedom of speech, press and assembly, freedom of religion, the right to privacy and the courts' role, or lack thereof, in the War on Terror.

HLSP 506 US Constitutional Law and National Security 3 Credits
This graduate seminar examines the origin and development of the American constitutional system and constitutional law. It further examines this system within the context of national security. Primary emphasis is on the US Supreme Court, which includes its developmental as an institution, the origins of judicial review and the court's establishment of this process, as well as the decision-making process by Justices of the court. The course will then examine the interplay between the court and its political environment and the impact the court has had upon the functioning of the political system by considering the Marshall Court (1801-1835), the Hughes Court (1930-1941) and the Warren Court (1953-1969). We will conclude with a consideration of the role of the court in balancing the rights and freedoms of a democratic society within the demands of the national security state.

HLSP 508 Political Communication, Terrorism, and Security 3 Credits
This course explores how political communication affects terrorism and security. It is well known that media plays an important role in creating the narrative for understanding terrorism and national security issues. The question is whether that narrative tends to help protect that nation, or whether it actually interferes with that goal. In addition, social media has become a means by which terrorist groups recruit outside volunteers, while blogs and websites are often used to incite incidents in various countries. This course deals with the various ways in which political communication can support, or interfere with, the protection of national security.

HLSP 510 Terrorism 3 Credits
Politics is the study of power and its application, and hence the study of violence has always played a central role in the discipline. In the era of mass politics, violent political participation has been accentuated as evidenced by the prevalence of both domestic and international terrorism. The practice of terrorism itself has undergone changes in the new era and the appearance of groups and "lone wolfs " bent on sowing death and destruction for its own sake is more common place. Moreover, the statelessness of today's terrorists removes crucial restraints that once held even extreme terrorists in check. Perhaps more than any other organization, ISIS embodies these trends. It is therefore incumbent upon us to take a step away from the spectacular nature of the news, and ask fundamental questions concerning the motivations, modes of operation, and circumstances contributing to the appearance of terrorist movements, and the roles of the leaders as against the "foot soldiers" in such organizations. Special attention is laid on the emotional fervor of those engaged in the activity, the ideology that mobilizes them and rationalizes their behavior, within each case's historical settings.

HLSP 511 Borders and National Security 3 Credits
This course focuses on borders, boundary-making, securitization, and other theories surrounding the territorialization of the nation-state, including the rise of the national-security and homeland security industries. The analysis of the changing complexities of borders and borderlands is driven by a meta-narrative about national security and current developments in the immigration/security nexus, including policies of border control and the surveillance of immigrants, denizen, and citizens with new security technologies. A key piece of the course is the comparative analysis of US and EU border agencies and the militarization and weaponization of borders, including the construction of new border walls, with the objective to protect the global North from the onslaught of desperate, impoverished and persecuted hordes from the global South. Transnational questions focusing, for example, on the dynamics of human trafficking and drug cartels is an essential parts of this comparison. Throughout the course, a special analytical emphasis is given to the meta-narrative and political opportunism that have driven these developments and led to the fortification of the global North.

HLSP 514 Congress and National Security 3 Credits
The purpose of this course is for students to identify, examine, analyze, and interpret the role of Congress in shaping national security policy with a particular emphasis on the institution's role in the Global War on Terror. In addition to an in-depth analysis of the US Congress, we also look comparatively at how legislatures in other nations have dealt with crafting their own security policies. The course will address the following questions: First, what is the role of Congress in national security policy, what does it do, and why? Second, what are the various ways of studying the relationship between the legislative and executive branches of government in the US system as it relates to the Global War on Terror?.

HLSP 515 Counterterrorism 3 Credits
One of the aims of analyzing the nature of terrorism , its goals , and the underlying deeper motives of those who partake in it , is to thwart as many terrorist efforts as possible and to bring terrorist campaigns to an end . Thus, the questions of how terrorism begins and how terrorism ends are intimately related. Because of the prevalence of terrorism in the national and international arenas and the spectacular nature of terrorist undertakings, the analysis of these questions is the subject of much media attention and public discussion that tends to obscure and politicize what should be a focus of attention of citizens, policy makers, and students of the social sciences alike . This course seeks to point out concrete measures for counterterrorism –of the type that sometimes is under public discussion –but in a more systematic manner that brings together methods of heuristic thinking in political science and adjacent disciplines , historical and comparative experience , and the literature on counter terrorism to analyze the range of possible strategies that could be adopted and the possible manner in which terror campaigns may be brought.

HLSP 516 The Presidency and National Security 3 Credits
This course is designed as an upper level graduate combination lecture and discussion section on the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspectives on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School, English School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survival, to societal security, to unit level-variables such as Human Security.

HLSP 520 Defense Policy and Analysis 3 Credits
The course begins with an overview of the structure of US defense policy and administration and explores issues associated with national defense. Throughout the course students become familiar with basic data, institutions, actors, trends, issues and options in the strategic implementation of defense and force. The primary focus of the course is on the Department of Defense (DoD) as well as on key committees and actors within the White House, State Department, Central Intelligence Administration and Congress.

HLSP 522 Countering Domestic Extremism 3 Credits
Domestic extremism is an issue the United States government has had to contend with since its inception, from Shay's and the Whiskey Rebellion in the 18th century, the Klu Klux Klan throughout the 19th and 20th century, to the threat of terrorism today. Broadly defined, extremism has profound and specific impacts on our government and everyday life. Given the limited, enumerated powers the Constitution grants the federal government, cooperation between local, state, and national government agencies is essential to counter domestic threats arising from extremists across the political spectrum. This course will examine threats to U.S. domestic security both before and after the September 11th attacks with a focus on critiquing the ability of our federal system of government to prevent and respond to the evolving threats posed by individuals and groups within the United States.

HLSP 525 Special Topics in Homeland Security 3 Credits
This course is an advanced level seminar examining research on current areas of importance relevant to the interdisciplinary field of Homeland Security.

HLSP 527 Policy Analysis and Evaluation 3 Credits
This course will provide students with an in-depth study of public policy by linking theory with practice to helping students think about problems systematically. The course addresses the policy process through leading theoretical models within the subfield as well as an evaluation of government's response, or lack thereof, of contemporary policy problems. Our focus will be on three areas of policy analysis: description, evaluation, and prescription. As part of our focus, we will address policy design, implementation, evaluation, and failure. Overall, students will develop skills required to define and critically examine policy problems, articulate relevant decision-making criteria and assess alternative policy options.

HLSP 529 Energy Security 3 Credits
Energy Security explores the role of energy in shaping global politics, natural resource management practices and volatility in economic markets. The course begins with an overview of energy security and explores issues associated with energy production, national security, energy consumption, and environmental conservation. Throughout the course students will become familiar with basic data, trends, issues and options in the exploration and production of renewable and non-renewable energy sources.

HLSP 530 Data Analysis and Methods for Political Science 3 Credits
This course introduces students to quantitative and qualitative methods used by political scientists and security specialists in the study of social and political phenomena. Students will learn the logical structure of political analysis, and the quantitative measures used to supplement and support these logical structures. Overall the course draws on the fundamentals of statistics: Namely the ability to describe data samples and draw inferences about the populations from which they were drawn. It should also improve one's ability to read data, interpret data, and judge others' claims about data. After students learn these skills, they will apply them to a prepared data set. The emphasis of this course is on "hands-on" experience. Students approaching this subject for the first time will "learn by doing" this type of analysis.

HLSP 531 Critical Infrastructure Security 3 Credits
Overall the course draws on the fundamentals of risk management strategies and policies related to manmade and natural threats to critical infrastructure. The course provides students with tools and critical thinking skills in order to identify and analyze challenges and opportunities to the nation's infrastructure. The emphasis of this course is on "hands-on" experience whereby students will "learn by doing" analysis.
Prerequisite(s): For MA students and can be offered to undergraduate students who are in the 4+1 program.

HLSP 532 Disaster Management and Preparedness 3 Credits
This course provides an overview of the following: 1) various types of natural and manmade disasters that communities are vulnerable to, and 2) how to develop corresponding preparedness, response, recovery, and mitigation strategies. Upon completing this course, students will be able to assess and develop the following: 1) preparedness plans for disaster response, 2) monitoring and evaluation plans for disaster response, 3) early warning systems plans for risk reductions, and 4) response, recovery, and mitigation strategies. Students will also learn about existing and developing domestic and international Disaster Risk Reduction models. This includes, but is not limited to: 1) strategies that prevent and minimize causalities during disasters, and 2) logistic and operational challenges. Special consideration will also be given to the impact of the social and political processes associated with disaster policy and planning.
Prerequisite(s): For MA students and can be offered to undergraduate students who are in the 4+1 program.

HLSP 533 International Law and Armed Conflict 3 Credits
By literalizing the "war on terror," governments have broken down the distinction between what is permissible in times of peace and what can be condoned during a war. In peacetime, governments are bound by strict rules of law enforcement. For example, lethal force can be employed in law enforcement only if necessary to meet an imminent threat of death or serious bodily injury. Those detained by police must be charged and tried. However, in wartime, law enforcement rules are supplemented by a more permissive set of rules embodied in international humanitarian law, otherwise known as the law of armed conflict. Under such wartime rules, unlike during peacetime, an enemy combatant can be shot without warning (unless he or she is incapacitated, in custody, or trying to surrender), regardless of any imminent threat. If a combatant is captured, he or she can be held in custody until the end of the conflict, without any trial. This course explores how these two sets of rules have developed, both by customary international law and by international conventions, analyzes under what sorts of circumstances one set of rules should apply instead of the other, and examines the legal consequences of governments fighting the "war on terror" by expanding the boundaries of the law of armed conflict beyond the traditional battlefield to wherever terrorists hide, run, or plan. Students will receive a solid foundation in the law of armed conflict and will analyze complex legal problems occurring at the intersections of international humanitarian law, international human rights law and national security law.
Prerequisite(s): For MA students and can be offered to undergraduate students who are in the 4+1 program.

HLSP 534 Cyber Strategy and National Security 3 Credits
The course examines issues and challenges related to national security concerns and cybersecurity. The course provides students with tools and critical thinking skills in order to identify and analyze challenges and opportunities to the nation's cyber infrastructure. The emphasis of this course is on "hands-on" experience whereby students will "learn by doing" analysis.

HLSP 541 Hacktivism and Cyberviolence 3 Credits
Hactivism is a process designed to be "the creative use of computer technology for the purposes of facilitating online protests, performing civil disobedience in cyberspace and disrupting the flow of information by deliberately intervening in the networks of global capital" (Gunkel 2005). This course addresses the challenges of hacktivism for policymakers involved in domestic and international information conflict and cybersecurity related to this process. It does so by critically examining the processes of digital vandalism, cyberprotest, advocacy and persuasion used to elicit political, social and economic change. The primary focus of the course is on non-state actors and organizations who engage in the process of hactivism and cyberprotest movements.

HLSP 545 Ethics in Emergencies 3 Credits
When the Supreme Court found Lincoln's decision to suspend habeas corpus during the Civil War to be unconstitutional, he retorted: "Is it possible to lose the nation and yet preserve the Constitution?" Leaders often justify extreme measures by insisting that they be held to different standards during emergencies: the regular rules don't apply, they tell us. Indeed, it is not just the constitution but morality itself that is portrayed as overly restrictive during critical emergencies and "states of exception." But ethics and moral philosophy are not simply an armchair pursuit: they are important tools to help citizens, soldiers and leaders make tough decisions in times of crisis. This course is designed to introduce students to the main variants of ethical thought and critical theory and to apply these modes of thinking to various kinds of emergencies which confront the state (and the United States in particular) today, including the threat of terrorism (domestic and international) and pandemics. Students will become conversant in consequentialist and deontological ethics, while also investigating the constraining values of liberalism, democracy, cosmopolitanism, human rights, feminism, and just war theory. Policies and dilemmas to be examined include torture and enhanced interrogation techniques, citizen surveillance and the suspension of civil liberties, drone warfare, whistleblowing, and indefinite detention.

HLSP 550 American National Security 3 Credits
The course is part of the foundational sequence of the M.A. in Homeland Security Policy. The course trains students to think strategically and critically about major issues facing American National Security.

HLSP 551 Global Security 3 Credits
This seminar critically addresses the foundations of international security. It will examine the concept of security from both the macro and micro level. We will discuss a mix of security strategies (balance of power, alliances, rearmament, collective security, deterrence), theoretical perspectives on security (Neorealism, Neoliberalism, Critical Theory, Copenhagen School), great power and third world security, democratic and non-democratic security, classic threats (changes in relative power, proliferation) and new threats (environment, population movements, terrorism), and concepts of security ranging from state survival, to societal security, to unit level-variables such as Human Security.

HLSP 552 U.S. Foreign and Security Policy 3 Credits
This course emphasizes the main theories of and themes in American foreign policy since the end of the Second World War. We will examine the patterns that have permeated American Foreign Policy since 1945, and discuss the roles that various actors play in the foreign policy process. We will use theoretical concepts to discuss the major events in American foreign policy over the last half of a century. The course will focus on both the conduct and formulation of American foreign policy. Detailed knowledge of the policy-making process, including legal and institutional restraints and standard operating procedures, is clearly essential for all students of foreign policy. Yet, only by exploring America's past actions in the global arena and only by searching for historical precedents and patterns can students fully grasp the dilemmas facing the United States today.

HLSP 553 Cyber War 3 Credits
Cyber attacks are a growing concern for international community. When does a cyber attack constitute an act of war or is merely an inconvenience? Is cyber power military power? How prevalent are such attacks, and to what extent can cyber at-tacks lead to conventional conflicts? Will cyber attacks by non-state actors render more power to such players in destabilizing states? This course explores the different types of issues in cyber wars, including mechanisms through which targeting of communication technology could escalate tensions and lead to an armed conflict, and ways through which states and international organizations could limit the de-structive potential of cyber technology.

HLSP 554 Asymmetric Conflict: When The Weak Attack The Strong and Succeed 3 Credits
Why is it that the weak challenge the strong and sometimes manage to succeed? In fact, between 1800-2003, nearly 30 percent of all international conflicts waged against more powerful adversaries, the weaker party came out victorious. And the weaker actors have achieved more victories over time. Asymmetric conflict or competition between a weak and a strong adversary is all around us. From North Korea to Iran defying the Unites States and risking military confrontation through nuclear tests and drone shootings, the weak it seems defy the basic expectation that possession of material power is an all-time guarantee of security. This course examines why the weak rise against the strong, how they manage to succeed, and in what capacity. We focus on unconventional, conventional, and hybrid tactics of the weak and the implications for U.S. strategy development. We rely on cases of international conflicts and insurgencies to derive insights about the theory of asymmetric conflict onset and termination and to predict future trends in the struggle between the weak and the strong.

HLSP 555 Insurgency and Counterinsurgency: U.S. Wars in Iraq & Afghanistan 3 Credits
Intrastate rather than interstate conflicts account for majority of armed conflicts today. The outbreak of the Syrian insurgency, the challenges experienced by U.S. forces in Afghanistan and Iraq, and humanitarian crisis in Yemen illustrate that stickiness of the problem. Today's civil wars are mostly insurgencies, conflicts with the use of guerrilla tactics. Increasingly, they involve multiple non-state actors challenging the government. What explains the onset of such conflicts? What role do ethnic and religious differences play in conflict initiation? How do guerrilla fighters acquire the means to wage their war? Is democracy a solution to conflicts? Are insurgencies a threat to U.S. security and economic interests? Why has the United States struggled with its counterinsurgency operations in Iraq and Afghanistan? And what lessons have been learned for future management of such threats? The course explores the onset, management, and termination of insurgencies, with special focus on current debates on counterinsurgency approaches. We will focus on the role of resources, state capacity, ethnic/religious differences and power in setting the stage for the conflict to start. We will then explain why insurgencies are difficult to end, and why the United States has struggled to stabilize the situation in Iraq and Afghanistan. Lastly, the course will focus on conflict management by emphasizing specific counterinsurgency approaches, including population and state-centric strategies. We will explore in what ways the United States, in particular, has been successful in these areas and why it has failed in others. This course relies on classroom discussions, peer collaboration, creative thinking exercises/projects, simulation, game exercise, and case study analysis to facilitate learning and student engagement.

HLSP 562 Thinking about Collective Threats 3 Credits
The difference between the professional and the novice in Homeland Security is not measured by the number of "items" one knows but by the ability to sift through the mounds of information, identify what is important, and form causal links between what was selected. The aim of this course is to familiarize students with the main methods by which the important relevant data in Homeland Security are identified and linked to produce a coherent understanding of and reaction to collective threats. Students will focus on how to conceptualize and respond to collective dangers, including contemporary events that may arise throughout the semester.

HLSP 567 Global Immigration Trends and Security Issues 3 Credits
Amidst the broader trends of international politics that address the growing flow of goods, capital, and information across state borders, the movement of people is a permanent and expanding feature. However, central to the notion of the political identity of the nation-state is the ability to control the entry of non-citizens. The regulatory power of the nation-state to control its borders is at least threatened by the migratory movements of people. People are driven from their homes by conditions of war, economic difficulty, or environmental disaster. Millions of people migrate permanently each year, and about 20 million are refugees and seek political asylum worldwide. The vast majority of refugees are women and children--this is the hidden truth of the post-Cold War order, huge numbers of displaced women and children. These numbers are significant, particularly since the general movement heads in one direction, toward advanced industrial states, mainly Western Europe and the United States. About 35 million legal and illegal immigrants live in the United States. Immigrants account for 11.5 percent of the total population, the highest percentage in 70 years. Critics warn that if current trends continue, by the end of this decade the immigrant share of the total population will surpass the all time high of 14.8 percent reached in 1890. Understanding immigration and refugee issues in this interdependent world will help us to gain insights into the workings of political, economic, and social forces both within receiving and sending states as well as the international regime which regulates these movements. The topics addressed in this course go beyond simple models of utility and efficiency since the questions of immigration and political asylum are often deeply emotional issues for societies; the issue also has a significant moral dimension.

HLSP 590 Master's Thesis 3 Credits
Students will complete an original substantive research paper that will build on prior research in Security Studies or related discipline.

HLSP 591 M.A. in Homeland Security Internship 3 Credits
The course is part of the capstone requirements of the M.A. in Homeland Security Policy. The course will have students complete an internship, self-evaluation and write a reflection paper outlining their experience working in a security related position.

HLSP 690 Research & Creative Expression 1-4 Credits

Interdisciplinary Studies (IND)

Courses and Descriptions

IND 600 Supervised Study 1-4 Credits

Language & Literature (LL)

LL 640 German Reading 3 Credits
Designed for graduate students who have little or no previous experience with the German language. A functional course concentrating solely upon preparing students to translate German language sources pertinent to their fields of study. Completion of the course with a grade of "Y" satisfies the graduate language translation requirement. Recommended for Sacred Music, Organ Performance and Choral Conducting majors; not recommended for Voice Pedagogy and Performance or Piano Accompanying and Coaching majors.

LL 641 French Reading 3 Credits
Designed for graduate students who have little or no previous experience with the French language. A functional course concentrating solely upon preparing students to translate French language sources pertinent to their fields of study. Completion of the course with a grade of "Y" satisfies the graduate language translation requirement. Recommended for Sacred Music, Organ Performance and Choral Conducting majors; not recommended for Voice Pedagogy and Performance or Piano Accompanying and Coaching majors. This course is offered in the fall semester only. Offered in the Fall. 3 Credit hours.

Literacy (LITR)

Courses and Descriptions

LITR 500 New Literacies for New Learning 3 Credits
As we consider the rapid expansion of information and text it is timely to take a critical view of what literacy means and how it is influencing children's literacy development and the work of educators. Many argue that the rapidly evolving use of technology is potentially shifting the ways in which we construct and comprehend information, or is it? In this hybrid/online course, we aim to explore these sometimes competing conceptions of text as we consider what these new literacies mean for children's literacy development as well our own work as educators.

LITR 501 Psychology and Pedagogy of Literacy Processes 3 Credits
Studies the communication process from a componential point of view, including language acquisition and development, perception, comprehension and cognition, composition, and language systems. A review of the literature in each area as well as a survey of models of reading and language is included.

LITR 502 Curriculum, Instruction and Supervision in Literacy 3 Credits
Reading and literacy pedagogy for ALL learners, gifted, average, and diverse learners is the course content. Current strategies for teaching comprehension, composition, vocabulary, language study, and independence skills are learned in a workshop setting. How to manage literacy instruction through content areas for all aged children in mainstream classrooms is studied. Parent education and inservice training are also included in course content.

LITR 504 Diagnosis and Correction of Literacy Abilities and Challenges: Seminar and Practicum 3 Credits
Studies reading/language arts abilities and challenges and assessment measures. Observational techniques and diagnostic teaching for assessment are stressed. Students will apply concepts learned in seminar to their associated practicum/field experience.

LITR 508 Literacy and the Bilingual/Bicultural Child 3 Credits
Presents multidisciplinary and interdisciplinary perspectives on bilingual/bicultural children and their reading process. Strategies and materials for second language reading instruction are suggested and discussed.

LITR 510 Research and Survey of Texts for Children and Adolescents 3 Credits
This course surveys developmental trends in texts for children and adolescents. Students will become knowledgeable about the theoretical and practical aspects of the study of the texts (both digital and print) available for youth and adolescents. Candidates will explore their own assumptions about text and the relationship to literacy development. Course participants will explore strategies for integrating print and non-print texts into the school curricula in ways that support youth and adolescent literacy development.

LITR 560 Writing Project at Rider 3 Credits
Examines theory, research, and practices in the teaching of writing K-12, with emphasis on improved practices in teaching writing as well as the personal writing of participants. Students investigate relevant local and national standards and curriculum, design, present, and respond to peer demonstration lessons in writing, and publish to the National Writing Project e-anthology. Further participation in NWP activities is encouraged and supported. This Invitational Summer Institute is part of the National Writing Project network. Project participants, called Summer Fellows, become Teacher Consultants upon completion of the Institute and are expected to maintain affiliation with the Project and to participate in the dissemination of professional development in writing instruction K-12 for all subject areas.

LITR 600 Independent Research and Study in Literacy Education 1-3 Credits
Course content is designed specifically to meet specific academic needs or interests of students who wish to engage in independent study related to literacy education.

Marine Sciences (MAR)

Courses and Descriptions

MAR 580 Independent Marine Science Field Study 4 Credits
This field-based course provides a practical experience in integrating marine science with pedagogical concepts. Students will use scientific methodology to explain marine ecosystems through specially designed, inquiry-based exercises. During these activities, students will address the process of applying college-level content to their own classroom settings, considering national and state standards. Hands-on, field-based exercises will provide experience with a diversity of marine habitats and the biological, geological, hydrological, and physical processes that influence them. Visited habitats can include rocky intertidal, salt marsh, tidal flat, beach and channel sand bars. As a result, students will develop field and laboratory skills in marine science and use them in designing materials for their own classroom use.

Master of Accountancy (MACC)

Courses and Descriptions

MACC 611 Professional Research and Communication 3 Credits
Effective communication and interpersonal skills are key for success in the accounting profession. This course is an interactive seminar designed to provide a strong foundation in professional research and to develop communication and interpersonal skills with an emphasis on the communication and interpersonal challenges that accountants commonly face. Course work is primarily base based and includes a wide variety of video and written assignments that require research to develop accounting services and present to guest professionals and the "client".
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 650 Seminar in Federal Taxes 3 Credits
The course examines tax compliance and basic planning concepts available to C corporations, S corporations, partnerships, gifts, estates, and trusts. Topics include tax issues involved in the decision to select a particular form of business organization, fundamental concepts of interstate, international, and New Jersey taxation, and to expose the student to a variety of common tax returns, applicable to the above topics.
Prerequisite(s): completion of ACC 410 or ACC 410P.

MACC 652 Analysis of Accounting Data 3 Credits
This course uses information technology and data analytical techniques to conduct analysis needs commonly faced by accounting professionals. The course uses cases and projects to pursue such areas of decision concern as financial statement analysis, the evaluation of audit risk and selected additional topics.
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 654 Issues in Financial Reporting 3 Credits
This course uses the conceptual framework to examine standards for financial reporting. Theoretical and conceptual assessments of current reporting issues pertaining to asset valuation and income measurement are addressed through cases, readings, and projects. Topics to be investigated from term to term vary depending on their importance and timeliness to the profession. This course should be taken first or early in the program.
Prerequisite(s): completion of the Preliminary Accounting Requirements.

MACC 655 Advanced Tax Compliance and Planning 3 Credits
This course is designed to prepare aspiring CPAs for the Uniform CPA Examination's Tax Compliance and Planning section. It covers three key areas: U.S. federal tax compliance for individuals and entities, with a specific emphasis on complex and nonroutine transactions; U.S. federal tax planning for individuals and entities, including evaluating tax implications, available alternatives, and business structures; and personal financial planning, focusing on strategies and opportunities relevant to individual tax returns. The course also includes the study of data and technology concepts to ensure the accuracy of source data and applied research using source materials such as the Internal Revenue Code and Treasury Regulations.
Prerequisite(s): ACC 410 and MACC 650.

MACC 656 International Dimensions of Accounting 3 Credits
This course examines the global applications of accounting principles and practices, including the relationship between international accounting issues and company strategy. Topics include theoretical and societal considerations of international accounting issues, the identification of transnational accounting practices, and attempts at harmonization.
Prerequisite(s): completion of the Preliminary Accounting Requirements.

MACC 658 Governmental and Not-for-Profit Accounting 3 Credits
This course provides an in-depth study of the concepts, objectives and techniques of the evolving field of accounting for nonprofit institutions and organizations. Areas emphasized include municipal and state governmental units, hospitals, colleges and universities and service organizations. Problems, cases and selected readings are employed.
Prerequisite(s): completion of Preliminary Accounting requirements.

MACC 662 Auditing Practice & Problems 3 Credits
This course is an advanced course in auditing. The course examines current auditing issues, including professional ethics, internal control, risk assessment, data analytics, cybersecurity, other topics. Topics include basic principles of Generally Accepted Auditing Standards and PCAOB standards, the audit process from the stage of accepting an audit engagement to the stage of completion of the audit, various types of reports that are issued by independent auditors, legal liabilities of independent auditors, ethical responsibilities of auditors and current issues facing the auditing profession (e.g., litigation, auditor independence), role of various entities that influence the public accounting profession (e.g., PCAOB, AICPA, State Societies of CPAs, SEC, IRS) and other types of services (e.g., assurance services) that are provided by CPAs.A wide variety of teaching tools are employed including extensive use of case analysis, online lectures, videos, readings and data analytics software.
Prerequisite(s): ACC 400 or ACC 400P.

MACC 663 Fraud and Forensic Accounting 3 Credits
This course provides a background in all areas of forensic accounting including: fraudulent financial reporting and the detection of fraud, money laundering and transnational flows, courtroom procedures and litigation support, as well as cybercrime. A wide variety of teaching tools are employed including extensive use of the professional literature, case analysis, videos, role playing and text materials.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 664 Issues in Managerial Accounting 3 Credits
This course examines current management accounting practices with an emphasis on world class developments and strategic implications to the firm. Integrates current management accounting literature with considerations of planning, control, decision-making and information needs of the firm.
Prerequisite(s): completion of ACC 302, ACC 302P or PMBA 8220.

MACC 665 Fraud Detection and Deterrence 3 Credits
This course explores contemporary forensic accounting topics pertaining to fraud examination, detection and deterrence. Topics include audit responsibility and reporting, professional judgment, quality control and developing effective policies in preventing and detecting economic crimes. Students will apply relevant fraud examination techniques to a variety of settings.
Prerequisite(s): ACC 310 or ACC 310P, ACC 311 or ACC 311P, and ACC 400 or ACC 400P.

MACC 667 Business Valuations: Fundamentals, Techniques and Theory 3 Credits
This course examines fundamentals of business valuations including basic, intermediate, and some advanced concepts and methodologies required by accounting and finance professionals in valuing a closely held (privately-owned) business where there is no market price.
Prerequisite(s): completion of PMBA 8040 and PMBA 8020 or the Preliminary Accounting Requirements.
Prerequisites: PMBA 8040 or VL12 with a score of WV AND PMBA 8020 or VL10 with a score of WV OR VL25 with a score of WV OR VL26 with a score of WV.

MACC 668 Enterprise Risk Management 3 Credits
This course explores current issues and world-class practices of risk management at an organizational level. Emphasis will be placed on the overall risk management cycle of identifying, assessing, responding and managing strategic, reputational, financial and operational risks using contemporary risk management tools.
Prerequisites: ACC 302, ACC 302P or PMBA 8220.

MACC 670 Accounting Internship 3 Credits
This course provides on-site experiential learning through supervised employment with a participating company. Students will be reviewed periodically by senior staff. Academic assignments, including a formal report, will be developed in conjunction with a faculty member. Permission of the instructor is required.

MACC 690 Special Topics 3 Credits
This course provides study of a timely topic that represents a dimension of business administration or accounting that not covered in a regular course. Such a topic may be offered by the Accounting Department. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.

Music Education (ME)

ME 540 Choir Train for Young Singers 3 Credits
This course focuses on children's choirs in school, church and community. Students learn strategies to teach children good vocal technique and to build musical literacy through the study of appropriate repertoire. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching.
Prerequisite(s): Junior status.

ME 563 Art of Teaching Music III 4 Credits
Through course assignments, discussion, and clinical practice in varied school and community choral settings, course participants learn how to create meaningful elementary music experiences that foster individual success, accountability, a sense of accountability, critical thinking, independence, and life-long engagement with choral music.
Prerequisite(s): Minimum grade of C- in ME 262, successful completion of Sophomore Review, and must obtain substitute teaching credentials.

ME 564 Art of Teaching Music IV 4 Credits
Through course assignments, discussion, and clinical practice in varied school and community choral settings, course participants learn how to create meaningful school singing experiences that foster individual success, accountability, a sense of community, critical thinking, independence, and life-long engagement with choral music.
Prerequisite(s): Minimum grade of C- in ME 262, successful completion of Sophomore Review, and must obtain NJ substitute teaching credentials.

ME 587 Music in Special Educ 1 Credits
This course is designed to acquaint the pre-service teacher with the special needs of exceptional children in music classes. Students learn to adapt instruction to accommodate a variety of exceptionalities that are both physical and emotional. Content includes categories of special students, characteristic behaviors, mainstreaming, and classroom methodology. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching. It is recommended that student take this course before the student teaching semester.
Prerequisite(s): Senior status.

ME 588 Dalcroze Studies 2 Credits
The purpose of this elective course is to provide students with an intensive experience in eurhythmics and eurhythmics pedagogy leading to an understanding of Dalcroze's principles regarding movement, solfège, improvisation and their uses in the classroom. An important focus of the class will be to provide an insight into kinesthetic-based learning as a conduit to inform and deepen the musical experience. Opportunities for lesson planning and curriculum development in the Dalcroze model will be offered. Students will write and present practice lessons. In addition, students will develop improvisation skills necessary to integrate eurhythmics into private applied instruction.

ME 591 Choral Music Grades 5-12 3 Credits
This course is designed to acquaint the music educator with repertoire suitable for use with middle and senior high school choral ensembles. Representative repertoire from all periods of music will be discussed, analyzed and performed in class. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching.
Prerequisite(s): Junior status.

ME 592 Creativity & Music Technology 2 Credits
Creativity and Technology in the Music Classroom is designed to prepare students to foster musical creativity using a variety of approaches and tools. In particular, students will use equipment such as digital audio workstations, MIDI controllers, microphones, and SmartBoards to facilitate rich and engaging creative experiences. Students will explore ways to structure learning experiences in response to the needs and interests of students, and will examine current thinking and trends related to the uses of creativity and technology in the music classroom.
Prerequisite(s): Junior status or permission of instructor.

ME 595 Assessing Music Learning 1 Credits
This course provides pre-service music teachers with the strategies to assess music learning. Students study various testing models and learn to write and grade traditional tests such as true/false, multiple choice and essay. In addition, students examine authentic assessment, performance assessment and portfolio assessment models. Topics such as validity, reliability, standardized tests and testing bias will be included. In addition, students will learn how to read and interpret quantitative test data and examine the literature on grading. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching. The content of this course conforms to the recommendations of the Professional Teaching Standards adopted by the State of New Jersey in 2002. In some semesters, this course may be offered in an on-line format.
Prerequisite(s): Senior status.

ME 650 Thesis 1 Credits
Independent research under faculty supervision leading to the writing of a master's thesis. Students register for this course in every semester or summer term in which assistance is provided by the thesis advisor.
Prerequisite(s): ME 685 (preferred) or MH 731; Permission of the Chair for Music Education is required to register for this course.

ME 671 Music and Hip Hop Culture 3 Credits
Hip Hop in the United States is arguably the most lucrative, popular, and culturally challenging contemporary musical force. The narratives of Hip Hop go beyond the boundaries of race and class as well as those of music, poetry and dance. As such, Hip Hop is a phenomenon that presents problems as well as great possibilities. This course explores them from the standpoint of educational sociology, looking at their implications for music in schools as well as in daily life.

ME 672 Teaching/Learning in Urban Schools 3 Credits
This course offers students theoretical and practical insight into teaching in urban schools. The class will present an analysis and practical implications for what is needed in order to successfully engage in teaching in urban centers in the United States. Students will balance field experiences with critical analyses of issues such as multicultural teaching, race, class, and economics in urban schools as well as their curricular and pedagogical implications.

ME 682 Choral Music Education 3 Credits
This course is designed to assist choral music educators to improve their pedagogical effectiveness. This course will provide students with the knowledge, skills and dispositions necessary for developing comprehensive musicianship in the choral ensemble setting through the study of creating original music, responding to music, connecting to students and performing vocal/choral music with a primary focus on choral pedagogy, curriculum development, unit and rehearsal planning, programming, vocal development, program management, music literacy pedagogy, music technology and assessment.

ME 685 Improving Musical Practice: Research in Music Education 3 Credits
Intended for students in the MME and BM-MME degree programs, this course focuses on research as a tool for improving practice. Course members will read qualitative and quantitative research studies and consider the impact of research on their teaching. Course members will also plan and conduct original research that will help them to analyze their specific teaching contexts, identify and conduct inquiry into problems, and refine their practice as educators.

ME 686 Teaching Music in the 21st Century 3 Credits
Critical theory and critical pedagogy provide the framework for advanced study in post- modern teaching philosophies and teaching strategies as applied to music education. Techniques to engage students in diverse ways of thinking about music teaching and learning that transform both student and teacher will be presented. Always in the context of the social and political structures of schooling and the place schooling has in society, students will be empowered to create a dialoguing and problem-posing pedagogy for teaching music to children at all grade levels.

ME 690 Independent Research and Study 3 Credits
An elective course providing an opportunity to pursue a topic of special interest under the guidance of a music education faculty member. The proposal must be approved prior to registration for the course.

ME 692 Social Justice in Music Education: History, Philosophy, and Practice 3 Credits
The purpose of this course is two-fold. First, the course will explore the historical perspectives that have significantly shaped and informed music teaching and learning within American public education during the last century. Second, students will encounter, engage with, and interrogate philosophies and theories of practice from social justice perspectives in order to critically consider the place and purpose of music and music education within educational and societal contexts.

ME 693 Seminar in Music Educ 3 Credits
While the topics vary from year to year, international perspectives in music education form the foundation for this seminar.

ME 721 Curriculum Development & Evaluation 3 Credits
This course examines the relationship between curriculum theory and philosophy of music education. Through the study of traditional and contemporary models of curriculum development and evaluation, students broaden their understanding of curriculum as it impacts the learning process. Post modern theory consistent with the Department's commitment to Critical Pedagogy for Music Education provide the focal point for the development of curricula that enhance and support quality music education. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching.

ME 723 Social, Emotional, and Musical Learning 3 Credits
This course examines topics in psychology of music from the lens of social emotional learning. This theoretical lens will allow students to find the relationships between music-making as social and cultural practices and the development of individual and collective psychological process in music teaching and learning. Major topics include affective and physiological responses to music, musical enculturation, learning theory, well-being and wellness, musical aptitude, developmental processes, and motivation. Students will discuss literature in the psychology of music with applications to K-12 music classes and rehearsals and conduct a pilot study in an area of interest based upon knowledge from the literature.

ME 725 Teaching Instrumental Music 3 Credits
A graduate level survey of the pedagogy necessary to teach instrumental music (woodwinds, brass, string and percussion instruments) and to develop and maintain beginning string and wind ensembles. While the class will include some playing and performance, it is not designed to develop proficiency on the individual instruments. Students must demonstrate sufficient competencies to provide beginning instruction. Instruments will be available for rental. Course content, activities and experiences in this course covers New Jersey Core Curriculum Content Standards for Music and prepares students to meet the New Jersey Professional Standards for Teaching. Rental fee, per instrument: $20.

ME 727 Teaching College 3 Credits
This course is designed for the graduate student who will be teaching at the college level. The content combines the theory of college teaching with praxis. Topics covered include: the psychology of the undergraduate, teaching graduate students, designing a syllabus, presenting course content, strategies for student-centered learning and assessment. Whenever possible, students will have the opportunity to intern with college faculty and will observe, present demonstration lessons, be coached and mentored. Open to all graduate students.

ME 730 Pedagogy and Practice 3 Credits
This course explores the intersection of philosophy, psychology, pedagogy and practice by providing students with guided teaching experiences connected to their current teaching situation. Throughout the course, students will be challenged to evaluate their own teaching against philosophical, psychological, pedagogical, and research-based models of music instruction. In addtion to guided teaching experiences, students will participate in a weekly seminar class during which they will share and reflect on their experiences in the field and discuss topics pertinent to teaching and learning music.

ME 771 Critical Pedagogy for Music Ed 3 Credits
This course presents the fundamental concepts, contexts and constructs that define Critical Pedagogy for Music Education. It focuses on the application of critical theory as a philosophical perspective to inform decisions teachers make when planning instruction for their students.

ME 775 MME Capstone 1 Credits
Independent research leading to a completed capstone project, such as curriculum and assessment development, pedagogical publication or presentation, instructional materials, etc. The project must be approved by the department.
Prerequisite(s): ME 685 and permission of the Music Education Chair.

ME 791 Internship in Music Teaching 3 Credits
A field-based experience consisting of three hours per week of internship teaching at a public or private school. Students will work with a cooperating teacher and be supervised by the instructor of the internship. Students will meet with the instructor periodically through the semester. In addition, they will prepare and teach lessons and submit documentation to chronicle the internship experience. International students in music education are strongly encouraged to take this course. ME 685, 692 and 791 are offered in rotation.

Music History (MH)

MH 608 Graduate Music History Review 3 Credits
Required for graduate students who are admitted with deficiencies in music history, as determined by the graduate placement test in music history. It is strongly recommended that this course be taken at the outset of graduate study.

MH 635 Public Musicology 3 Credits
A graduate-level introduction to the many ways musicology can engage with communities and events outside the academy. Topics include music criticism, oral history, museum education, archives, and cultural tourism.
Prerequisite(s): Graduate Standing; removal of all Music History deficiencies.

MH 690 Independent Research & Study 1-3 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

MH 731 Intro to Musicology 3 Credits
Introduction to the basic tools of research in historical musicology in order to foster: (1) an awareness of the nature and scope of historical musicology as a scholarly discipline; (2) familiarity with the techniques of musicological research; (3) an understanding of the relationship between musicological research and performance practice; and (4) experience in the application of musicological techniques to specific musical works and issues. It is strongly recommended that this course be taken at the outset of graduate study. Required for all Master of Music candidates.

MH 733 Seminar in Music History 3 Credits
The content of the course will vary with the special interests and qualifications of the professor teaching it.
Prerequisite(s): Removal of all music history deficiencies, it is strongly recommended that MH 731 be taken prior to this course.

MH 734 Proseminar in Music USA 3 Credits
A graduate-level introduction to the scholarly study of music in the U.S. Readings will cover music in Colonial/Early America, Western art music, popular music, and music of various ethnic communities.
Prerequisite(s): Graduate standing; removal of all Music History deficiencies.

MH 750 Thesis I 3 Credits
Independent research under faculty supervision leading to a master's thesis. Students register for this course in their first term of thesis research.
Prerequisite(s): Graduate standing, removal of all Music History deficiencies.

MH 751 Thesis II 3 Credits
Independent research under faculty supervision leading to a master's thesis. Students register for this course beginning in their second term of thesis research.
Prerequisite(s): Graduate Standing, removal of all Music History deficiencies, MH 750.

Music Theory (MT)

TH 511 New Music Ensemble 1 Credits
This course provides an opportunity to perform new music, primarily works of fellow students. It will also provide instrumentalists an opportunity to develop their performance skills more fully.

TH 512 Chinese Music Ensemble 1 Credits
This course provides an opportunity to learn a Chinese instrument and to perform on it in an ensemble setting. Students will learn musical styles from different parts of China and the Chinese Diaspora.

TH 550 Keyboard Harmony 3 Credits
An intense exploration of and drill in musicianship-keyboard skills, including score reading, transposition, modulation, clef reading, figured bass realization, harmonizing melodies, improvising and lead sheet accompanying. Projects may include transposition of a number of songs (perhaps a complete set) into all keys, figured bass realization for a Bach cantata, improvisation of service music (prelude, offertory, interludes, chorale preludes, postlude), multiple re-harmonizations of hymns/chorales for a service and score reduction and performance of a movement of an orchestral work. May be taken as an undergraduate level II theory elective.
Prerequisite(s): Undergraduate, minimum "C-" grade in TH 241; Graduate, Removal of all theory deficiencies.

TH 608 Graduate Musicianship Review 4 Credits
Required for graduate students admitted with deficiencies in musicianship as determined by the graduate placement test in musicianship. This course assists students in learning and integrating aural, performance, analytical and composition skills. Both the theoretical and the practical portion must be passed individually in order to receive a passing grade. It is strongly recommended that this course be taken at the outset of graduate study.

TH 622 Electroacoustic Music 3 Credits
Advanced opportunities for creative activities utilizing the resources of Westminster's Music Computing Center. Previous experience with sequencers and/or digital audio is expected.
Prerequisite(s): Removal of all music theory deficiencies.

TH 623 Seminar in Music Theory 3 Credits
The content of the course bearing this number will vary with the special interests and qualifications of the professor teaching it.
Prerequisite(s): Undergraduate, minimum "C-" grade in TH 241 and permission of instructor, or graduate student standing and removal of all music theory deficiencies.

TH 625 Composition 3 Credits
Class instruction in original composition. Projects and presentations.
Prerequisite(s): Graduate student standing and removal of all music theory deficiencies.

TH 645A Composition Primary 3 Credits

TH 645C Composition Elective 2 Credits

TH 645D Composition Elective 1 Credits

TH 645E Composition Primary 3 Credits

TH 645F Composition Primary 1 Credits

TH 655 Composition Project 3 Credits
Graduate-level private study in composition culminating in a major composition in one of the larger forms.
Prerequisite(s): three semesters of TH 645.

TH 690 Independent Research and Study 1-3 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

TH 726 Analysis 3 Credits
A study of the compositional process as observed in selected tonal works, using the analytical approach of Heinrich Schenker.
Prerequisite(s): Removal of all music theory deficiencies.

Musical Theatre (MTR)

Courses and Descriptions

MTR 511 Music Theater Ensemble 1 Credits
The performance-based, auditioned music theater ensemble engages multiple singers/actors/dancers in performance, utilizing scenes from music theater literature as the primary material. Emphasis is placed upon group interaction and building an ensemble. This ensemble often is asked to perform for University sponsored events.

Organ (OR)

OR 587 Organ Improvisation 2 Credits
A laboratory in the keyboard disciplines of modulation, transposition, improvisation and vocal score reading. Required for undergraduate Organ Performance majors; others may elect the course by permission of the instructor.

OR 588 Organ Pedagogy 2 Credits
Pedagogical approaches to organ playing. Required for undergraduate Organ Performance majors; others may elect the course by permission of the instructor.

OR 589 Organ Improvisation II 2 Credits
Continuation of OR 587.

OR 590 Accompanying at the Organ 2 Credits
Development of accompanying techniques essential to the professional organist. Arranging and transcription from piano reductions and orchestral scores; standard choral/organ literature. Leading congregational song; appropriate methods of instrumental registration.

OR 623 Organ Music of J.S. Bach 3 Credits
A study by genre of Bach's organ compositions will include background, overview of the influences of Buxtehude, Pachelbel and Böhm, and performance practice issues. The question of the "Bach organ" will be explored. Prerequisite(s): MH 731, OR 433.
Corequisite(s): MH 731, OR 433.

OR 629 Seminar in Organ Literature 2 Credits
An intensive study of an area of organ literature or its performance practice. Specific content will change with each semester. Emphasis upon in-depth study of the works of a selected composer or genre.

OR 641A Organ Primary 2 Credits

OR 641B Organ Primary 1 Credits

OR 641C Organ Elective 2 Credits

OR 641D Organ Elective 1 Credits

OR 641E Organ Primary 2 Credits

OR 641F Organ Primary 1 Credits

OR 690 Independent Research and Study 1-4 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

OR 723 Organ Literature Before 1800 3 Credits
Historical study of the organ literature coordinated with a study of the development of the organ as a musical instrument.

OR 724 Organ Literature since 1800 3 Credits
Study and research into the style, form, and interpretation of representative organ works composed after 1800. Study and research into national styles of organ composition and construction in France, Germany, England and North America.

Organizational Leadership (LEAD)

Courses and Descriptions

LEAD 500 The Practice of Leadership 3 Credits
This course allows students to gain an understanding of the practice of leadership and how they can develop as leaders. Students will explore leadership models, creativity in organizations, and approaches to decision making as they begin to form their own leadership philosophy.

LEAD 510 Organizations: Design and Dynamics 3 Credits
This course will provide students with foundational knowledge in the area of organization studies. Students will gain insight into organizational structure and how it affects interdepartmental behaviors, communication and work flow. The course emphasizes how organizational environment and culture generate and reinforce the way organizational systems work and how leaders operate within these organizational contexts.

LEAD 511 Facilitating Culture and Process Change in Organizations 3 Credits
Organizational culture and existing processes can enable productive and effective environments, or they can be barriers to carrying out the central missions of corporations, not-for-profits, governmental or educational institutions. For organizations to thrive and survive in the future they must be able to change and develop rapidly. This course provides a working knowledge of the key theories and practices necessary to be an effective change agent. Students develop skills in diagnosis, design of interventions and strategies for communicating change.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 512 Forms of Diversity in Organizations 3 Credits
Increasingly, leaders and employees are part of a more diverse, multiethnic and globally influenced workforce. Students will become more conversant with forms of diversity, such as different cultural traditions, as well as differences in generational sensibilities, ableness, gender, and level of adult development. Students will learn about the different "worldviews" which organizational members bring into the organization, and how that affects their ability to work together. The course develops students' knowledge of and skills in practicing: principles for optimizing human performance in organizations, cultural intelligence, human diversity, and leading multicultural organizations.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 531 Developing The Human Side of Organizations 3 Credits
This course examines Strategic Human Resources Management (SHRM) within today's organizations, and is designed to provide students with a comprehensive understanding of SHRM practices from a systemic and strategic perspective. Students learn approaches leaders use to recruit, select, evaluate, and develop employees and strategies to create a positive work environment.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 532 Program Design for Training and Development in Organizations 3 Credits
This course provides a full circle approach to workforce training and development that is applicable to professionals in human resources, organizational development, or other leaders who see themselves as trainers, mentors and coaches. The course is designed for students to explore "real world" applications for programs, services and operations in a training environment, and covers key principles such as adult learning theory, facilitation skills, curriculum development, needs assessment, training methodology and techniques, resources and constraints, as well as learning how to evaluate and improve the efficacy of training programs.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 533 Conflict and Crisis Resolution in Organizations 3 Credits
Leaders face conflict and crisis in their organizations. Being effective in their resolution is an important leadership attribute. Skills that support positive and integrative outcomes include mediation, negotiation and crisis resolution skills. This course will use multiple case studies and role-playing assignments to engage students in understanding how individuals and teams handle mediation and negotiation scenarios. The course will also use multiple case studies to enhance students' understanding of the components of effective and ineffective leadership for crisis.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 534 Facilitation and Team Leadership 3 Credits
This course examines the characteristics and behaviors of teams that produce good results and/or generate new ideas. The focus of the course is on how to lead high functioning teams and the development of facilitation capabilities, so that students can effectively lead teams and organizations.
Prerequisite(s): LEAD 510 or concurrent with LEAD 510.

LEAD 540 Strategic and Financial Decision-Making in Organizations 3 Credits
This course explores the importance of information and financial resources within the culture of organizations, and the necessary relationship that exists between the two. The course draws on current literature and student experience to explore resource management and focuses on the effective use of information resources within the boundaries defined by financial realities. The relationship between data analyses and effective decision-making will be explored.
Prerequisite(s): LEAD 500 or concurrent with LEAD 500.

LEAD 550 Organizational Research 3 Credits
The purpose of this course is to prepare future organizational leaders to read professional journal articles, plan research, and critique research. The course covers basic research methods, such as experimental, ex post facto, correlational, case study, time series, interviews, surveys, and basic statistics in terms of understanding and selecting statistics. These concepts are taught within the framework of organizational leadership. This course should be taken at the end of your program.
Prerequisite(s): LEAD 500, LEAD 51. Permission of Program Director required.

LEAD 551 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 552 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 553 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 554 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 555 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 556 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 557 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 558 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 559 Selected Topics in Organizational Leadership 3 Credits
As a Selected Topics course, the content will vary according to the topic or issue under consideration. Students will study important topics related to leadership within organizations. They will examine and analyze theoretical work, conduct background research, interpret findings and develop positions in regard to the topic under study. Depending on the topic, they may propose and plan policy or develop programs to influence change in organizations.

LEAD 598 Capstone in Organizational Leadership 3 Credits
All MA candidates complete a capstone research project to demonstrate the application of core program competencies to a specific organizational or leadership problem. Reflecting upon their own leadership philosophy developed throughout the program, students will formulate, research, and write a leadership capstone paper that integrates the skills and concepts from the core courses as students use quantitative and qualitative methods to analyze a problem. Core and concentration courses should be completed before taking this course.
Prerequisite(s): Must be taken in last semester of study. Permission of Instructor required.

LEAD 600 Independent Study and Research in Organizational Leadership 3 Credits
The content of the course varies with the academic research interests of students who wish to engage in independent study related to the core content of organizational leadership and/or one of the concentrations in higher education administration, communication, information technology, and counseling-related services.

Piano (PI)

PI 512 Chamber Music 2 Credits
Emphasis is placed upon rehearsal and performances of representative collaborative literature for strings and piano, and woodwinds and piano. Students will be assigned movements from major chamber works selected from different style periods. Professional instrumentalists will join them for rehearsals and performances in class. An overview of the development of this repertoire will be presented and listening assignments will augment the study of specific works. A project involving the study and presentation of a piano quartet or piano quintet will be included. Attendance at three concerts of instrumental chamber music is required. Permission of applied teacher and instructor is required.

PI 513 Jazz Keyboard Techniques and Improvisation 3 Credits
This course will enable pianists and organists to become familiar with the theory, harmony, and improvisational techniques of jazz piano. Emphasis will be placed upon getting each student to create spontaneous improvisations. The fundamental goal will be that of enabling students accustomed to following a score to move beyond it. Extensive exposure to material from the "Great American Songbook" as well as to jazz standards will provide a structural basis for the course.
Prerequisite(s): TH 142 and PI 168A, or equivalent knowledge and technical proficiency. Students must be in their third semester of piano study or receive permission from the instructor or Department Chair.

PI 516 Physical/Psych Aspects Piano 2 Credits
The two major emphases of this course are: (1) the pianist as athlete and 2) the pianist as performer. The first includes a study of appropriate exercise, nutrition, anatomy and physiology as they relate to piano technique, implications for injury prevention, and how to deal with injuries should they occur. The second includes the reading process, strategies for practicing, memorizing techniques, and ways of coping with the behavioral, physical and cognitive manifestations of performance anxiety.

PI 540 Keyboard Skills 3 Credits
The course includes in-depth study of numerous aspects of musicianship skills essential for all pianists within the broader categories of technique and practice strategies; memorization and sight reading; improvisation and lead sheet realization. All aspects of piano musicianship skills will be addressed from practical, pedagogical, and collaborative points of view. Assignments will include examples of studies from a wide range of levels all within the current and developing skill level of each student enrolled in the class.
Prerequisite(s): UG - Eight credits of applied keyboard study or permission of keyboard instructor or course instructor. GR - Permission of course instructor.

PI 585 Piano Ensemble 1 Credits
Study and performance of piano duets, two-piano works, and works for combinations of three or more pianists. The emphasis is on ensemble techniques for rehearsal and performance.

PI 609 Graduate Piano Review 1 Credits
A functional course concentrating upon sight reading of simple piano accompaniments and open score reading. Required for graduate students with deficiencies in these skills.

PI 611 Piano Pedagogy Lab 0 Credits
Discussions will include problem-solving related to piano teaching, discussion of observations, supervised and independent teaching, questions relating to repertoire, materials and technique. Comparative philosophies and psychologies and their applications, group and private teaching, business issues, professional organizations and publications, technology, career planning, recital and audition planning will be included. There will also be guidance in the preparation for the graduate oral examination.

PI 622 Eval Piano Teaching Lit 3 Credits
This course provides a critical survey of piano teaching materials, including standard teaching literature, approaches to piano technique in writings and music exercises, and repertoire for the elementary, intermediate, and early advanced student. All music is analyzed from the perspectives of performance, technical demands, strategies for teacher presentation, and student practice. Applications and demonstrations of technology are included. Graduate students demonstrate teaching and performance strategies in class and carry an assigned teaching load at the Westminster Conservatory.

PI 633 Piano Literature Seminar 3 Credits
A major area of piano repertoire is selected for intensive study. The emphasis of the seminar changes from semester to semester. Possible topics include the development of the Mozart concerto, keyboard works of J.S. Bach, piano writing of Debussy, and 20th Century piano music.

PI 641A Piano Primary 2 Credits
Piano Primary.

PI 641B Piano Primary 1 Credits

PI 641C Piano Elective 2 Credits

PI 641D Piano Elective 1 Credits

PI 641E Piano Primary 2 Credits

PI 641F Piano Primary 1 Credits

PI 661 Graduate Piano Pedagogy 3 Credits
This course serves as an intensive study of theoretical and practical aspects of piano study, through examination of instruction materials and developing a well-defined philosophy and approach to piano teaching. Students are challenged to increase their ability in connecting advanced and intermediate music study to the foundation of what should take place in the first weeks of piano lessons. The focus of the course lies in developing one's own curriculum, on its own terms, or associated with instruction materials already in publication. Various methodologies and significant areas of thought in the field of piano pedagogy are explored and compared. The course involves private and group lesson observations at all levels of teaching. Practical application of education theory to music lessons at the piano is done through demonstration and practice teaching at the Westminster Conservatory or the College. Practical application of educational theory to music lessons at the piano is done through demonstration and practice teaching through the Westminster Conservatory or the College.

PI 690 Independent Research and Study 1-3 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

PI 691A Piano Pedagogy Internship I 3 Credits
The two-semester internship includes weekly teaching each semester, faculty observation of this teaching, and private discussion with the faculty observer. In addition, students themselves observe group and private lessons and are given readings, written assignments, and/or projects associated with their own teaching. Internships may include intensive study of private and/or group instruction, reading for children, working with college, adults, piano minor, gifted students or traditional studio of all ages and levels.

PI 691B Piano Pedagogy Internship II 3 Credits
The two-semester internship includes weekly teaching each semester, faculty observation of this teaching, and private discussion with the faculty observer. In addition, students themselves observe group and private lessons and are given readings, written assignments, and/or projects associated with their own teaching. Internships may include intensive study of private and/or group instruction, reading for children, working with college, adults, piano minor, gifted students or traditional studio of all ages and levels.

PI 713 Accompanying Class 3 Credits
Students will investigate aspects of ensemble in vocal accompanying. Discussion topics will include rubato and its connection to language, stylistic concerns, musical preparation as well as practical issues such as recital programming and balance. Students will be expected to absorb extensive repertoire through attendance and performance. Class format will include both student presentations and lecture sessions.

PI 714 Techniques of Coaching I 2 Credits
A practical course designed to furnish information and experience in all aspects of vocal coaching, including diction coaching, ornamentation and realization, issues of drama and presentation, stylistic considerations, stage deportment and specialized accompanying skills. Students are observed in the process of coaching singers. Semantics and pedagogical techniques are stressed and polished. Factors involved in translations of Italian, French, German and other non-English texts are studied.

PI 715 Techniques of Coaching II 2 Credits
A practical course designed to furnish information and experience in all aspects of vocal coaching, including diction coaching, ornamentation and realization, issues of drama and presentation, stylistic considerations, stage deportment and specialized accompanying skills. Students are observed in the process of coaching singers. Semantics and pedagogical techniques are stressed and polished. Factors involved in translations of Italian, French, German and other non-English texts are studied.
Prerequisite(s): PI 714.

Professional MBA (PMBA)

Courses and Descriptions

PMBA 8000 Executive Communications 3 Credits
Professionals spend about seventy percent (70%) of their work-time communicating with other people. It is therefore no surprise that, without good communication skills, it is impossible to succeed in one's workplace. Yet, effective communication skills do not come naturally for most people. This course aims to prepare you to speak compellingly, write clearly and concisely, listen actively and critically, and persuade others by constructing sound arguments. To that end, we will learn the key aspects of communication: audience analysis, communicator credibility, message construction, and delivery. Deliverables will include written documents and oral presentations, as well as both individual and team presentations. Importantly, in doing so, you will enhance your leadership potential in your workplace by motivating your colleagues, team, and organization to work toward important goals.

PMBA 8010 Information Technology Proficiency 1.5 Credits
Computing proficiency requires understanding implications of advanced information technologies and the ability to successfully apply these technologies in an increasingly global society. This course will enable students to effectively use specific information systems tools (spreadsheet and database management) to begin to design applications for effective decision making.

PMBA 8020 Fundamentals of Accounting 3 Credits
For those students having no previous knowledge of accounting. Subject is approached from the point of view of the user of accounting information rather than that of the accountant who supplies the information. Surveys mechanics of accounting as a means to an end, emphasizing accounting as a tool of management and the language of business. Problems and cases bring out the managerial implications of accounting.

PMBA 8030 Economic Analysis 3 Credits
An intensive exposition of the essentials of price theory and income and employment theory. For students with less than a year of introductory economics at the undergraduate level. Topics include an analysis of markets, the nature and characteristics of producer behavior, the theory of pricing in competitive and non competitive markets, and their welfare effects. At the macro level, coverage of the economy in the short run deals with economic fluxuations, fiscal policy, and monetary policy. An examination of the ecomony in the long run covers factors effecting economic growth.

PMBA 8040 Basic Financial Principles 1.5 Credits
The central unifying theme of this course is valuation. Valuation is the basis for decisions in all major areas of finance. This course begins with a discussion of basic concepts including time value of money and its application for valuation of stocks and bonds and analysis of risk and return. Further application of valuation for capital investment projects made by a firm is explored by introducing the techniques of capital budgeting.

PMBA 8051 Fundamentals of Statistical Analysis 3 Credits
Covers basic statistical techniques useful in business decision making. Includes descriptive statistics, event probability, random variables, sampling distributions, regression analysis and topics in statistical inference.

PMBA 8052 Models and Methods of Operations Management 1.5 Credits
This course provides students with some of the most frequently used quantitative tools necessary in analyzing and resolving issues and problems in managing service and/or manufacturing operations. These tools are required in PMBA 8250 Operations and Supply Chain Management
Prerequisite(s): PMBA 8051.

PMBA 8060 Basic Marketing Principles 1.5 Credits
The purpose of this course is to provide students with an operational understanding of basic marketing principles and concepts. This will be done through interactive exercises and discussions based both on primary source and textbook readings as well as discussions and critical examinations of current marketing practices in companies and industries of interest to the students. Topics covered include environmental analysis, target marketing, product and service strategy, integrated marketing communications, channels of distribution, pricing practices, and the interface between marketing and corporate strategic planning.

PMBA 8070 Management: Theory & Application 1.5 Credits
A foundation course that provides an introduction to the theory and practice of management. The management functions of planning, organizing, leading, and controlling provide an organizing framework for examining current management challenges (e.g. globalization, ethics, diversity, and multidimensional organizational structures).

PMBA 8210 Information Technology Management 3 Credits
This course introduces the theory and practice of Information and Communication technologies deployment in organizations. This includes planning, analysis, design, and implementation of computer-based management information systems (MIS). The course emphasizes an understanding of emergent cutting-edge technological phenomena and the effect of information systems on the practice of management.

PMBA 8220 Strategic Accounting for Manager 3 Credits
This course emphasizes the issues encountered by managers regarding performance measurement, incentives, ethics and strategic management accounting tools. Students will learn to recognize ethical issues and apply a code of conduct to those issues, understand the criteria for recognizing revenue, analyze cash flows for investment decisions, compute measures of returns on investments, and understand the uses of a Balance Scorecard in performance evaluation. This course will also cover transfer pricing issues and methods in domestic and international settings, the application of differential analysis to a variety of short-run decisions, and the application of traditional costing methods, activity-based costing, activity-based management, and target costing to products and services. Preparation of a master budget and its role in planning, control, and decision making is also discussed. This course is not open to MAcc students.
Prerequisite(s): PMBA 8020.

PMBA 8230 Managerial Economics 3 Credits
Focuses on using economic methods for making managerial decisions affecting the value of the firm. Topics include demand analysis, production and costs, employment decisions, project evaluation, profit-volume analysis and pricing strategies under a variety of settings. The course emphasizes integration between economics, accounting, and finance.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8240 Applied Corporate Finance 3 Credits
This course is designed to further develop the students' skills through practical application of concepts and tools taught in prior finance courses. Students will learn by solving real-world case studies and learning to communicate clearly their decisions to both sophisticated and lay audiences. The primary method of instruction is the preparation, presentation, and discussion of finance cases. Each case study session will be preceded by lectures and discussion of the main theoretical concepts. The case studies considered will cover a wide range of corporate financial problems including value creation, capital budgeting, capital structure, cost of capital, and mergers and acquisitions. Throughout the course, attention will be given to the international dimensions of the issues and problems presented and discussed.
Prerequisite(s): Completion of PMBA 8040 and PMBA 8020.

PMBA 8250 Operations & Supply Chain Management 3 Credits
This course provides MBA students with the current knowledge and practice of operations and global supply chain management. Supply chain management has become one of the most important and talked about topics in business in recent years. Many companies have realized that they can reduce their costs, increase profits, and increase customer satisfaction by improving their supply chain practices. It is also evident that most supply chains extend beyond the borders on the U.S., and consequently, have global components and challenges. This course is designed to prepare students to meet operations and supply chain related challenges in their careers.
Prerequisite(s): Completion of PMBA 8051 and 8052.

PMBA 8260 Mkt Analysis & Decision Making 3 Credits
The purpose of the course is to provide the analytical skills required to understand complex marketing situations in order to develop and implement appropriate marketing strategies. The decision-making processes in the management of product planning, pricing practices, selection of channels of distribution and development of effective promotion programs are investigated. This involves identification and selection of appropriate target markets, the effective use of marketing research and recognition of organizational dynamics. The case approach is used to develop communication skills and further build team skills as students interact with peers in solving problems.
Prerequisite(s): PMBA 8060.

PMBA 8270 Adv. Organizational Behavior 3 Credits
A study of key individual, group, and organizational processes. At the individual level, the focus is on different personalities, job attitudes, and work motivation. The implication of individual factors is then considered in a team context focusing on the processes of communication, influence, conflict, and leadership. Finally, we examine the impact of organizational culture and change on workplace behavior. In order to integrate the individual, group, and organizational levels of study, the course emphasizes a team-based approach to learning.
Prerequisite(s): PMBA 8070.

PMBA 8290 Legal and Ethical Aspects of Management 3 Credits
The purpose of this course is to prepare students to meet the legal, ethical, and regulatory challenges and opportunities they will encounter as they conduct business as managers and entrepreneurs. To excel, managers and entrepreneurs must recognize that the law is important to firm success and that they must always consider the legal ramifications of their business decisions. Students will learn how to identify legal and ethical issues before they become legal problems and how to communicate and work collaboratively with legal counsel. The course begins with an overview of business ethics and social responsibility and goes on to cover the U.S. court system and the laws of contracts, torts, and intellectual property. The course covers corporate governance issues including the fiduciary duties of officers, directors, and controlling shareholders, public and private offerings of securities, and securities fraud. Environmental regulation, product quality, legal aspects of the employment relationship (as they relate to the liability of the corporation and managers for the acts of their employees), wrongful termination, discrimination, and sexual harassment will also be covered.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8303 International Business Study Tour 3 Credits
This course provides a cross-cultural perspective for conducting business outside of the United States. Students will gain a better appreciation of how culture, history, and politics influence organizational dynamics, transactions and business customs.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8311 Information Security for the Enterprise 3 Credits
This course will teach students how businesses can implement security policies which will protect their significant investment in computer systems. The course topics include but are not limited to security attacks, attack prevention and mediation and security audits. Security devices, firewalls, PC and server security, authentication methods and procedures, and network security will all be discussed. The course will be delivered through a combination of hands-on labs where students will evaluate and implement computer security on computers, and class lectures.
Prerequisite(s): PMBA 8210.

PMBA 8312 Business Intelligence Tech-Data Mining 3 Credits
In this course, students will learn to solve problems/exploit opportunities by processing datasets, interpreting results, and deploying solutions. This course provides hands-on experience with these tasks. Upon this base of experience, students will build a robust data mining methodology that can be applied to real-world investigations. The course of study will include Online Analytical Processing (OLAP), statistical and machine learning techniques, and unstructured text analysis. Students will learn to apply these techniques through the study of payroll, procurement, and expense report fraud. Cell phone and credit card fraud, credit and bankruptcy analysis, and customer relationship management will also be covered.

PMBA 8313 Electronic Commerce 3 Credits
Electronic commerce involves the use of information technology to improve, enhance, simplify or enable business transactions. This course examines such business, social, and technical issues of electronic commerce as the technology of the Internet, effective system strategies to attract and maintain customers, security, and electronic payment systems.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8314 Project Management 3 Credits
In our complex world of global economies and pervasive technology, change is constant. It is a persistent challenge to manage this change. It is the body of knowledge that is project management that helps managers address this change. This course will introduce students to project management for a variety of disciplines. The methods and techniques taught will be applicable not only to software development, but to any series of tasks that could constitute a project. The course content will cover the identification, approval, and management of complex projects. Various project management tools, techniques, and approaches will be covered.

PMBA 8315 Globalization and Technology 3 Credits
The emergence and growth of the global economy constitutes an epochal shift in the organization of the world. Technology has been a key component in the production and acceleration of these phenomena. This course introduces students to the latest theoretical and empirical literature on globalization as shaped by technology.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8316 Application Development for the Web 3 Credits
This class will examine application development for the Web platform in detail. Through a combination of lecture and labs, students will learn the architecture of Web applications and the skills needed to develop applications using that architecture. Specific skills learned include programming with the JavaScript programming language, creating Web pages using the HyperText Markup Language (HTML) and Cascading Style Sheets (CSS). Other skills learned in this course include how to create user-friendly user interfaces, and how to retrieve and update information stored on computer servers.
Prerequisite(s): PMBA 8210.

PMBA 8317 Applied Data Management for Business Users 3 Credits
Learn the benefits of data sharing in a business organization , the benefits of the relational database model, how data is structured in a relational database model, and how data can be accessed in a relational database using the structured query language (SQL). The process of formatting, loading, and accessing data for data analytics will be shown as well as the interaction with data warehouse schemas such as the star schema and snowflake scheme.

PMBA 8318 Business Analysis and Design 3 Credits
This course will integrate the skills of business analysis with those of system design. Students will learn a dynamic visioning/planning process which will guide the development of a technology architecture model for the business enterprise. Students will learn requirements elicitation techniques and use cases. Design methods such as object modeling and prototyping and data modeling with enterprise relationship diagrams will also be covered.
Prerequisite(s): PMBA 8210.

PMBA 8319 Selected Topics in CIS 3 Credits
The study of a topic (or combination of topics) that represents some dimensions of computer information systems or has important and direct implications for CIS management. Topics recently covered include project management, data mining and data privacy. Theoretical foundations as well as applications may be explored. Readings, research, lectures, projects, discussions or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8321 Managerial Taxation and Strategy 3 Credits
This course is designed for students who are embarking on (or already in) careers in investment banking, corporate finance, strategy consulting, money management, or venture capital. The focus of the course comes from integrating the tax law with the fundamentals of corporate finance and microeconomics.
Prerequisite(s): PMBA 8020.

PMBA 8324 Financial Accounting & Report 3 Credits
Focus is on analysis and evaluation of alternative accounting methods and the relationship to company policy. Insight is gained through the reading of articles in leading accounting and financial periodicals and Internet research. Cases demonstrating financial reporting methods are assigned and discussed in class. Term project required. Topics include financial instruments, earnings per share, deferred taxes, post-retirement benefits and the accounting rule-making process.
Prerequisite(s): PMBA 8020 and PMBA 8040.

PMBA 8325 Enterprise Risk Management 3 Credits
This course explores current issues and world-class practices of risk management at an organizational level. Emphasis will be placed on the overall risk management cycle of identifying, assessing, responding and managing strategic, reputational, financial and operational risks using contemporary risk management tools.
Prerequisites: ACC 302 or ACC 302P or PMBA 8220.

PMBA 8335 International Trade & Investment 3 Credits
A study of the international economy in which business firms operate, and public policies that influence their activities. Includes international trade theory, balance of payments analysis, the international monetary system, barriers to trade, and the role of multinational corporations. This course applies to the Global Business concentration. This course will satisfy the International elective requirement.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8341 Corporate Treasury Management 3 Credits
This course is designed to provide an understanding of modern principles and techniques for corporate treasury management. The course materials are useful for finance, banking, accounting and information system professionals or small business owners. Topics include analysis of liquidity and solvency, credit and accounts receivable management, cash collection and disbursement systems, short-term investment and borrowing, management of treasury information and technology, multinational cash management, and other related topics. Success in this course will help students preparing for the Certified Cash Manager (CCM) exam.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8343 Investment Instruments and Strategies 3 Credits
Principles of investment analysis and portfolio management. Includes analysis of stocks and fixed income securities, mutual funds, international investing, margin trading and short sales, convertibles, stock options and financial futures. Hedging strategies, market forecasting and tax advantaged investments are also discussed. Makes considerable use of problems to illustrate concepts.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8344 Financial Market Operations 3 Credits
Flow of funds analysis is used to study financial intermediation and interest rate determination in money and capital markets. Includes the flow of funds accounts, funds flow through financial institutions, the demands for and supply of credit by economic sectors, and the impact of public policies on financial market behavior.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8345 International Financial Management 3 Credits
The techniques of multinational financial management are developed for enterprises that do business in more than one country and/or have assets and liabilities denominated in more than one currency. The management of foreign exchange and country risks is applied to working capital, capital budgeting, and capital structure decisions.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8346 Financial Modeling 3 Credits
Spreadsheets are utilized to analyze problems and cases. Students receive instruction in computer use beyond that available in other finance courses. Spreadsheet applications include valuation models, cost of capital, capital budgeting, risk and return, portfolio analysis, stock market analysis, and options and futures.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8347 Portfolio Management 3 Credits
Real-world application of the concepts and techniques of investment analysis and portfolio theory. Students interact with and make recommendations to professional portfolio managers. Topics include stock valuation methods, major forces driving movements in current equity markets, international investment opportunities, industry analysis, technical analysis and investment timing, evaluation of portfolio performance, analysis of business conditions and interest rates, and hedging portfolio risk with stock index options and financial futures.
Prerequisite(s): Completion of PMBA 8040.

PMBA 8348 Fixed Income Securities and Alternative Investments 3 Credits
This is an introductory course in fixed income securities and alternative investments. The first part of the course covers the markets for fixed income securities and their derivatives. Valuation of these securities and determination of the risk inherent in these securities are discussed. Methods for managing that risk, such as hedging and credit derivatives, are also discussed. The second part of the course covers a variety of alternative investments, including real estate funds, venture capital, hedge funds, and commodities. Valuation of these investments and determination of their risk are discussed.
Prerequisite(s): Completion of PMBA 8040 or any MAcc student with PMBA 8020 completed.

PMBA 8349 Personal Financial Planning 3 Credits
This course provides a background and an appreciation of the fundamental concepts and processes associated with Personal Financial Management. Various technical elements that are part of the study for a Certified Financial Planner certification will be covered including risk management, investments, tax planning, retirement planning, employee benefits, and estate planning.
Prerequisite(s): Completion of PMBA 8040 or any MAcc student with PMBA 8020 completed.

PMBA 8351 Business Analytics Fundamentals 3 Credits
This course introduces (i) data analysis tools that are appropriate for generating useful information for decision-making and (ii) a framework for analyzing decisions based on partial information. Examples from financial analysis, marketing, and operations management are used to illustrate applications of the topics covered. Microsoft Excel and associated add-ins are used for the purpose of analysis. Students who have earned credits for CIS 350 or equivalent cannot take PMBA 8351 for credit.
Prerequisite(s): PMBA 8051.

PMBA 8352 Design Thinking and Innovation 3 Credits
This graduate course on Design Thinking and Innovation provides students with a framework for dealing with unstructured problems, and for managing the innovation process. This course introduces students to design thinking as a systematic approach to innovation, but also guide students through the process to identify and translate broadly defined opportunities into actionable innovation possibilities. Students who have earned credits for CIS 388 or equivalent cannot take PMBA 8352 for credit.
Prerequisite(s): PMBA 8210.

PMBA 8353 Digital Futures 3 Credits
This course is a holistic course drawing on all areas of Information Technology. It leverages the in-depth understanding of Technology that MSIS students possess and transforms such knowledge into a new skill set of strategic leadership development at the level of the firm, economy and society. It will enable the student to assess and respond to challenges in their current work environment as well as develop strategic leadership capacity going into the future. Case studies and readings will familiarize students with literature on rapid technology-led transformations such as Schumpeterian theories of 'creative destruction' and derivative theories of technological restructuring at the scale of an industry such as disruptive technology/innovation. Students will be engaged in a discussion of multi-firm cases of strategic innovation and will examine policy decisions by the firm and various ethical dilemmas engendered by technological changes of the last four decades.
Prerequisites: PMBA 8210.

PMBA 8354 Quality Assurance and Total Quality Mgt 3 Credits
This course integrates the concepts of statistical quality control and the practices of today's leading companies in creating systems of total quality management (TQM). Considers how various business functions (e.g., production, engineering and design of products and services, purchasing raw materials, providing technical assistance to customers, and statistical quality control) and their interrelationships can be used to create high-quality products, and, thus, high levels of customer satisfaction. Includes traditional statistical methods for process control, acceptance sampling, reliability and quality improvement, as well as numerous examples of U.S. and foreign firms at the cutting edge of TQM. Introduces current thinking of leading figures in TQM.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8355 Visual Analytics 3 Credits
This graduate course will equip the students with the fundamental skills to perform visual analytics with Tableau. Specifically, students will learn how to prepare a dataset for visual analysis, and how to "tell a good story" using basic and advanced visualizations. At the completion of this course, students will be able to apply best visualization practices and create effective visualizations to convey analytical insights to a business audience. Students who have earned credits for BDA 205 or equivalent cannot take PMBA 8355 for credit.
Prerequisite(s): PMBA 8351.

PMBA 8358 Data-Driven Strategies for Business 3 Credits
In this course, several real-world business problems will be presented as case studies for the application of descriptive, predictive, and prescriptive analytics. Relevant business areas for these problems include online recommendations, healthcare, sports management, marketing, and revenue management. Through these business case studies, students will (1) define a real-world problem in the context of business analytics (2) develop hands-on experience on implementing analytics methodologies (3) learn to derive and communicate insights from analytics results and (4) practice the formulation of data-driven strategies.
Prerequisite(s): PMBA 8051, PMBA 8351.

PMBA 8361 Business to Business Marketing 3 Credits
The practices and policies used in the marketing of goods and services to business and industrial buyers are analyzed, focusing on the market and demand for products, marketing research, product planning, channels of distribution, pricing policies and practices and the development of sales program and service policies.
Prerequisite(s): Completion of PMBA 8060.

PMBA 8362 Marketing Communications 3 Credits
This course dynamically blends the concepts and issues of integrated marketing communications with real world experiences. It is highly interactive, with students spending time in teams creating solutions, presenting, and feeling the experience of being in real life marketing communications situations. Students also will be exposed to current and classic literature pertaining to the course content.
Prerequisite(s): Completion of PMBA 8060.

PMBA 8363 Consumer Behavior 3 Credits
The purpose of this course is to provide the analytical skills required to understand the nature of consumer decision making and internal and external factors that influence buying decisions in order to develop and implement appropriate marketing strategies. A case study approach is utilized in this course. This will be done through the analysis of actual marketing problems faced by a variety of organizations. The readings and class discussions will also include internal and external influences on consumer behavior, marketing research tools, marketing strategies to reach consumers and shape consumers' opinions, the role of marketing communications and marketing mix elements in creating a unique value proposition, and managing consumer relationships.
Prerequisite(s): Completion of PMBA 8060.

PMBA 8364 Marketing Research 3 Credits
An overview of the subject matter which will assist students in developing an appreciation for the use by marketing management of marketing research and marketing information systems in making marketing decisions. Topics include specific research procedures for gathering, processing, analyzing and presenting information relevant to marketing problems in such areas as: advertising effectiveness, product development, distribution channels, sales techniques, consumer behavior, and forecasting study of research planning, implementation, and interpretation of findings is facilitated by the use of cases or projects.
Prerequisite(s): Completion of PMBA 8060.

PMBA 8365 International Marketing Management 3 Credits
Examination of the nature and scope of global marketing activities, including the theoretical framework of international marketing, foreign marketing environments, multinational markets, MNC information systems, strategic marketing decisions, and organization for transnational marketing. This course applies to the Global Business concentration.
Prerequisite(s): Completion of PMBA 8060.

PMBA 8369 Selected Topics in Marketing 3 Credits
The study of a topic (or combination of topics) that represents some dimension of marketing or has important and direct implications for marketing management. Theoretical foundations as well as special applications of marketing decision-making may be explored. Readings, research, lectures, discussions or other appropriate methods are employed to stimulate student learning.
Prerequisite(s): Completion of PMBA 8060.

PMBA 8371 Human Resource Management 3 Credits
This course is an introduction to the field of human resource management (HRM). The goal is to provide students with an understanding of current corporate HR practices. Common HR problems and the tools and procedures for dealing with them will be discussed. Contemporary topics such as strategic HR planning, international staffing, career planning, workforce diversity, work/family balance, and work motivation will be examined. EEO guidelines and their implications for human resource functions will be discussed as well. A combination of conceptual and experiential approaches include discussions, case studies, exercises, small group activities, and lectures.
Prerequisite(s): PMBA 8070.

PMBA 8372 Management Skills 3 Credits
This is a practicum in interpersonal skills that are useful for practicing managers. Topics include motivating oneself and others, persuasive communication, creative problem-solving, managing conflict, using power constructively, managing change, and team management. Students are given opportunities to practice these skills in class and are asked to apply them to their current lives and report on the results of their applications. The course will provide students with a better understanding of the art of managing and of themselves as current or future managers.
Prerequisite(s): PMBA 8070.

PMBA 8375 International Management 3 Credits
This course focuses on the complexities of working and managing in a global business environment. Emphasis is placed on cross-cultural awareness, international communication, and negotiations. Students will explore the effect of culture on organizational behavior, managerial decision making, and global leadership.
Prerequisite: PMBA 8070.

PMBA 8376 Org Development & Effectiveness 3 Credits
This course focuses on Organization Development (OD), a discipline concerned with improving organizational effectiveness by means of planned, systematic interventions. The course will acquaint students with OD concepts, techniques, and skills. The course provides opportunities for students to explore and enhance their personal skills as change agents and consultants. The teaching/learning process emphasizes experiential activities and case analysis.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8377 Managing Workforce Diversity 3 Credits
This course explores the opportunities and challenges of the increasingly diverse workforce emerging in the U.S. today. It will address the knowledge and skills managers must develop in working with others who are different from themselves. Some of these differences are obvious - gender, race, age, and physical characteristics. Other differences are not as easily observed such as family structure, educational level, social class, and sexual orientation. Understanding and valuing diversity requires attitudinal self-assessment and change. Values, stereotypes, and prejudices will be explored through readings, reflective writing, and active involvement in discussions, projects, and activities.
Prerequisite(s): PMBA 8070.

PMBA 8380 Business Analytics Optimization 3 Credits
This course has been designed to provide professional MBA students with the current knowledge and practice of optimization business analysts use. Optimization aims at selecting the best alternative from among available alternatives according to a predetermined objective. In general it involves building a mathematical model and finding the best alternative through a mathematical procedure. Optimization techniques help decision-makers make fact (i.e. data) based decisions and offer the potential of making significant profits or cost savings. The main focus of this course will be on developing modeling skills to gain insight into a wide variety of business decision problems. In other words, the emphasis in this course will be on modeling practical business decision problems, use of relevant software for optimal solution, interpretation of results, and sensitivity analysis rather than the theory of mathematical solution techniques. Coverage of course material will follow the typical sequence of (1) identification and discussion of a business decision problem; (2) developing a graphical model (e.g. influence diagram); (3) developing a mathematical model; (4) computer solution; (5) interpretation of results and sensitivity analysis; (6) discussion of insights gained from the experience; (7) discussion of implementation issues. In addition, heuristics will be discussed when optimization techniques are not available or too costly.
Prerequisites: PMBA 8010 and PMBA 8051.

PMBA 8383 Entrepreneurship 3 Credits
The course deals with new business venture start-up. Topics include entrepreneurship concepts and characteristics, new venture types and pros/cons, choice of products/services, market study, marketing planning, financing, and business plan preparation. Practical exercises in developing business plans for new business ventures are part of the course.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8384 Consulting for New and Small Ventures 3 Credits
This course provides experience-based learning to students through the use of student teams to assist area small businesses/organizations. These small firms could have a variety of needs ranging from market research, improving financial reporting and bookkeeping, business planning, streamlining operational procedures, etc. This course will provide students the opportunity to experience in-depth analysis of an individual organization. The emphasis is on student consultants generating immediate, actionable recommendations for the client. Thus, this course is useful not only for those considering small business ownership, but provides an opportunity to students to learn entrepreneurial thinking.
Prerequisite(s): Completion of MBA pre-program courses and permission of instructor.

PMBA 8385 New Venture Launch 3 Credits
Students will start and run a new venture while under the supervision and guidance of faculty. Students will take a business plan they have developed and execute it. This is an opportunity to experience the launch process and learn hands-on how to adapt to the marketplace. Some businesses started in this class may also be eligible to receive venture funding from Rider.

PMBA 8386 Green Entrepreneurship 3 Credits
This course is both a traditionally academic graduate course and a practical, case study based, business development course. Lectures will present the scientific, technical, financial, and business underpinnings required to understand the rationale for and the range of solutions possible that businesses can utilize when initiating or developing sustainable practices or new entrepreneurs can consider as they develop new businesses. Students will be learning about real business examples and discussing how the technical aspects of sustainability interact with the more practical and immediate demands of running a business – making a profit and maintaining positive cash flow while acting ethically.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8389 Tax Planning for Entrepreneurs 3 Credits
The business and personal finances of an entrepreneur are integrally related. Often personal resources fund business operations and business resources fund individual necessities and obligations. This course is designed to familiarize the entrepreneur with wealth maximization and tax minimization strategies for business and personal activities. This course covers basic tax compliance concepts and includes personal financial planning and estate planning issues. Not open to MAcc students.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8397 Evidence Management and Presentation 3 Credits
This course addresses legal issues and practical considerations involved in the collection, acquisition, analysis and storage of digital evidence and presentation of digital and technical evidence to judges, juries and other decision makers. The law of evidence and its implications for the manner and method technical evidence is acquired and presented for consideration in court or in other proceedings (i.e. criminal, civil, or administrative). Requirements and preparation for the presentation of technical evidence as an expert or fact witness.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8402 The Business of Sports 3 Credits
This course examines diverse managerial issues involving the sports industry. The course covers topics at the league level, the team level, the athlete-agent level, and the college level. The constituencies with interests in sports issues such as athletes, fans, media, companies, advertisers, and legislators are discussed along with global aspects of sports enterprises. Valuation issues related to sports teams are also covered. The course is designed to integrate all aspects of businesses as they apply to sports with an emphasis on strategy, management, marketing, and finance.

PMBA 8403 Sport Analytics 3 Credits
This course will address the theory, development, and application of analytics in sports. Analytics refers to the use of data and quantitative methods to measure performance and make decisions. Students will learn about the application of analytics in sports for purposes of strategy, player performance, team management, sports operations, and fantasy competitions. The class will consist of hands-on labs, a data project, a research project, quizzes, and online discussions. Students will work on projects related to the use of analytics in the various professional sports leagues and college sports. This course assumes a basic level of skill working with Microsoft Excel.
Prerequisite(s): PMBA 8051 or waiver.

PMBA 8404 Sports Marketing 3 Credits
This course explores the complex and diverse nature of sports marketing. It applies fundamental marketing concepts to the sports industry, including the marketing mix, consumer behavior, marketing research, segmentation analysis, and assessment of marketing programs specific to sports. Guidelines for the formulation of marketing plans and strategies will be included. Trends, issues, and problems influencing the industry will also be examined. Discussions cover professional, collegiate, non-profit, and other areas of the sport industry.

PMBA 8405 Legal and Ethical Issues in Sports 3 Credits
The purpose of the course is to familiarize the students with the business of sports and various issues related to sports management. Legal, ethical, economic, social and managerial issues related to sports will be addressed. Sports law issues which will be covered include tort law, contract law, employment discrimination, antitrust law and constitutional law. Also covered will be the structures and authority of the organizations involved in amateur and professional athletics.

PMBA 8491 Business Law 3 Credits
Considers in depth the law relating to the sale of goods, commercial paper, and secured transactions as promulgated by the Uniform Commercial Code. Explores warranties, guarantees, remedies, and product liability. Also considers the law of agency, partnerships and corporations. International dimensions of sales law and related topics are addressed. Students who have taken BUS 211 Commercial Law or BUS 214 Advanced Business Law cannot take this course. This elective is particularly appropriate for students in the MAcc program and in anticipation of CPA law requirement.
Prerequisite(s): BUS 210 Introduction to Law: Contracts or its equivalent at another college or university; requires completion of MBA pre-program courses.

PMBA 8492 Ethical Issues in International Business 3 Credits
This course is an introduction to identifying, analyzing and resolving ethical dilemmas in both U.S. and international business, including reference to legal and regulatory issues. The course begins with a general introduction to ethics, considers ethical issues connected with the economic, legal and regulatory systems within which modern business takes place and heavily emphasizes contemporary cases that illustrate a wide range of ethical issues, including cases resulting in civil and criminal litigation. The primary focus of this course will be ethics in the international business environment. Most of the readings and discussion board topics, the group case studies and the individual research paper will have an international focus.
Prerequisite(s): Completion of MBA pre-program courses.

PMBA 8880 Strategic Management 3 Credits
This course provides an understanding of the strategic management process. Students will analyze and discuss concepts and cases relating to strategic management, make strategic decisions for a hypothetical company in the online computer simulation project, and develop a detailed action plan to resolve a hypothetical business situation. This course will cover the analysis of the strategic process of studying and forecasting the external environment of the firm, assessing the present and future enterprise strengths and weaknesses, setting enterprise goals with recognition of personal and societal goals, and evaluating performance and progress toward those goals. Provides the student with an integrated view of the functional decisions and corporate strategy.
Prerequisite(s): All other MBA breadth courses.

PMBA 8902 Independent Studies in Business Administration 3 Credits
Involves a program determined by the individual faculty member and approved by the program director. Written assignments are required as part of this rigorous academic experience. Students are eligible for a maximum of one independent elective and should have completed at least three breadth courses prior to the start of the independent study.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

PMBA 8905 Internship 1-3 Credits
In order to supplement in-class learning with practical training, an internship may be taken for up to three elective credits. The internship may not be performed at a student's current employer. An internship may only be taken if the student has been enrolled for at least one full academic year and, during the semester they receive credit for the internship, the student is taking at least three graduate-level classes (including the internship course). The course will be supervised by a full-time faculty member and will follow a structure similar to that of an independent study. Course grades will be determined by evaluations from the student's on-site supervisor, as well as the sponsoring faculty member.
Prerequisite(s): Completion of MBA pre-program courses and permission of the Dean.

PMBA 8906 Selected Topics in Business Administration 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.
Prerequisite(s): To be announced and completion of MBA pre-program courses.

PMBA 8907 Selected Topics in Business Administration 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.
Prerequisite(s): To be announced and completion of MBA pre-program courses.

PMBA 8908 Selected Topics in Business Administration 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.
Prerequisite(s): To be announced and completion of MBA pre-program courses.

PMBA 8909 Selected Topics in Business Administration 3 Credits
The study of a timely topic that represents a dimension of business administration not covered in a regular course. Such a topic may be offered by any department of business administration. The nature of the course will be described in the appendix of the registration materials for the semester when the course will be offered.
Prerequisite(s): To be announced and completion of MBA pre-program courses.

PMBA 8989 Spec Topics Entrepreneurship 3 Credits
Special Topics in Entrepreneurship.

Psychology (PSY)

Courses and Descriptions

PSY 501 Introduction to Applied Psychology Skills 3 Credits
This course will provide students with an examination of several facets of applied psychology with a focus on consuming research, understanding differences in methods and perspectives, writing according to APA style, and demonstrating understanding of several methods and perspectives in applied psychology. These are necessary skills to function meaningfully in the field. We will review and evaluate scholarly literature from across several psychology application areas. This course is available to MA Applied Psychology students only and should be taken near the beginning of entering the MA program.

PSY 513 Functional Assessment 3 Credits
This course is designed to provide knowledge and skills of methodologies to conduct a thorough behavioral assessment, interpret the assessment data, and identify goals for treatment. Topics will include direct observation/data collection methods, data analysis, functional assessment, stimulus preference and reinforcer assessments, and ethical and professional issues. The second half of the course will deal specifically with functional analysis including the history of and variations to the methodology. The relationship between assessment techniques and the development of the least-restrictive but most effective behavioral intervention will also be discussed.
Prerequisite(s): PSY 510, PSY 511.

PSY 514 Single Subject Research Design and Analysis 3 Credits
Students will be introduced to the basic evaluative methods used in behavior analysis including various models of single subject design such as multiple baselines, reversal designs, and alternating treatment models. Students will design analyses, collect data, graphically display their data, and provide an analysis of findings. Students will read original behavior analytic research articles and practice analysis of findings.

PSY 515 Psychological Tests 3 Credits
Examines the history of psychological testing. Issues concerning the construction of psychological tests are discussed, including concepts concerning reliability, validity, and item analysis. The rationale and structure of the major tests of intelligence, aptitude, and personality are reviewed, including the Rorschach, WAIS, TAT, MMPI, and Bender-Gestalt. In the last section of the course, students are given hands-on experience in the administration, scoring, and interpretation of a standard test battery.
Prerequisite(s): any statistics course.

PSY 516 Ethics for Behavior Analysts 3 Credits
This course will familiarize the student with ethical issues and responsibilities of behavior analysts working in applied settings. Informed consent, due process, protection of confidentiality, and selection of least intrusive, least restrictive behavior change procedures will be presented and discussed within the context of case method. Ethical decision making processes will be emphasized, and the relationship between ethics and law will be explored.

PSY 518 Organizational Behavior Management 3 Credits
This course will provide an overview of research and practice in the field of Organizational Behavior Management (OBM), also referred to as Performance Management in organizational settings. Performance Management is a behaviorally-based area of specialization within the broad field of Industrial-Organizational Psychology. The concepts and techniques used in Performance Management originated from the field of behavior analysis.

PSY 519 Models of ABA Instruction 3 Credits
This course provides students with a general knowledge of the different procedures used to teach new skills and new behaviors in the field of applied behavior analysis. Areas covered will include the assessment of relative strengths and deficits, use of discrete-trial and naturalistic teaching procedures, use of reinforcement procedures to strengthen behaviors, use of motivating operations and discriminative stimuli, use prompting and prompt-fading procedures to transfer stimulus control, use of shaping procedures to teach new behavior, use of task analysis and chaining procedures to teach new behaviors, use of precision teaching and fluency-based instruction, and use of personalized systems of instruction. Additionally, various components of the aforementioned areas will be integrated and culminate in two modules: one designed to teach communicative behavior and the other to perform discrimination training.
Prerequisite(s): PSY 510.

PSY 520 Interventions for Challenging Behavior 3 Credits
Students will review principles of behavior in the context of application to functional assessment and treatment of socially significant problem behavior. Topics including extinction, functional communication training, differential reinforcement, choice, environmental manipulations, and punishment will be covered. Students will move through the process of developing function-based interventions and writing behavior plans.
Prerequisite(s): PSY 510 and PSY 513 (or co-req).

PSY 521 Supervision and Management in ABA 3 Credits
This course provides students with skills needed to provide supervision and management in the field of applied behavior analysis. Students will apply the basic principles of behavior analysis to supervision and management of their staff and trainees. Areas covered include establishing performance expectations, selecting supervision goals based on assessment of current skills, how to train personnel to competence, performance monitoring and feedback, functional assessment and function-based strategies of personnel behavior, and how to evaluate the effects of supervision. Additional areas of discussion will include professional behavior, leadership, ethics, and professional development.
Prerequisite(s): PSY 510, PSY 511, PSY 513 and PSY 514.

PSY 522 Recent Research in ABA 3 Credits
This course provides an overview of recent behavior analytic research. Topics will vary semester to semester to capture changes in the field as they occur. Students will have the opportunity to practice reviewing, discussing, and interpreting research methodology, results, and potential areas for future research.
Prerequisite(s): PSY 510.

PSY 525 Cognitive Development 3 Credits
Compares and analyzes the major theories of cognitive development: Piaget, Information Processing, Vygotsky, Gardner, and Sternberg. The course describes cognitive growth from infancy to adulthood. Particular topics will include: concept formation, language acquisition, memory reading and writing, mathematical skills and sociocultural skills. Also of interest will be the use of cognitive theory in education, and understanding variations from the typical pattern of cognitive development as in mental retardation and prodigies.

PSY 530 Interventions for Individuals with Developmental Disabilities 3 Credits
The purpose of this course is to prepare students to work with individuals with a broad spectrum of developmental disabilities. The course will begin with a discussion of typical child development and milestones, address how development might differ from the norm, introduce subsequent assessment and diagnosis and ultimately, introduce appropriate interventions. The main focus of this course is applied behavior analysis [ABA] and common ABA strategies for intervention.

PSY 533 Interventions for Autism 3 Credits
The purpose of this course is to provide students with a general understanding of the clinical characteristics of autism spectrum disorders. The course will briefly address etiology and neurocognitive underpinnings of these disorders but will focus on psycho-educational interventions. The course will be taught from an applied behavior analytic perspective.

PSY 535 Language Assessment and Intervention 3 Credits
Students will be introduced to the classification of verbal responses, both vocal and non-vocal. Using videotaped examples, students will categorize observed verbal behavior. Students will be provided with practical tools for the assessment of verbal behavior, as well as an array of intervention strategies. A focus will include the design of teaching strategies to enhance language acquisition, as well as ongoing evaluation of intervention efficacy will be employed.
Prerequisite(s): PSY 510, PSY 511.

PSY 536 Social Skills Assessment & Intervention 3 Credits
Students will be introduced to the development of social skills and the identification social skills deficits. Using videotaped examples, students will categorize observed social behavior. Next, students will be provided with practical tools for the assessment of social and emotional behavior, as well as an array of intervention strategies. Tools for the collection of data and the evaluation of the success of target interventions will be stressed.
Prerequisite(s): PSY 510, PSY 511.

PSY 540 Aging, Health, and Behavioral Gerontology in Autism 3 Credits
The course provides an overview of adult lifespan development, aging in the autism population, physical and mental health issues for adults with autism, and recent research in behavioral gerontology. Students will have the opportunity to practice reviewing, discussing, and interpreting research methodology, results, and potential areas for future research. This course is part of the Adult Services and Behavioral Gerontology sequence designed to prepare graduate students and behavior analysts for careers focused on serving adults with autism spectrum disorders (ASD).
Prerequisite(s): PSY 510 or BCaBA or BCBA certified professionals in good standing.

PSY 541 Employment and Vocational Skills for Adults with Autism 3 Credits
This course will provide an overview of the skills and competencies that influence the acquisition and maintenance of competitive employment for adults with developmental disabilities. Topics will include vocational planning, the importance of choice when selecting employment opportunities, social competence on the job, the development and implementation of support strategies, programming for the generalization and maintenance of work behavior, fading supervision and support, and collaborating with parents, family members, co-workers, and employers. Students will use information obtained from lectures and reading assignments to design and write individualized programs addressing employment and life-skills for adults with disabilities. This course is part of the Adult Services and Behavioral Gerontology sequence designed to prepare graduate students and behavior analysts for careers focused on serving adults with autism spectrum disorders (ASD).
Prerequisite(s): PSY540.

PSY 542 Support Services, Habilitation, and Independent Living for Adults with Autism 3 Credits
This course covers 1) extant services and resources for adolescents and adults with ASD, 2) supervision, management, and training of support staff who work with adults with ASD, and 3) assessment and teaching of skills adults with ASD need to live independent, self-sufficient, and fulfilling lives. Throughout the course we pay special attention to issues surrounding personal liberties, choice making, and self determination. Students will have the opportunity to navigate support services, propose empirical research focused on training staff using Behavioral Skills Training, and construct individualized skill acquisition programs. This course is part of the Adult Services and Behavioral Gerontology sequence designed to prepare graduate students and behavior analysts for careers focused on serving adults with autism spectrum disorders (ASD).
Prerequisite(s): PSY 540.

PSY 543 Practicum in Applied Behavior Analysis for Adults with Autism 3-4 Credits
This course is part of the Adult Services and Behavioral Gerontology sequence designed to prepare graduate students and behavior analysts for careers focused on serving adults with autism spectrum disorders (ASD). Students will have frequent, direct, onsite supervision of behavior analytic activities in settings for adults with autism. Students will have the opportunity to apply the skills acquired in coursework.
Prerequisite(s): PSY 540, PSY 541, PSY 542.

PSY 545 Health Psychology 3 Credits
This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health enhancing behaviors such as exercise and nutrition, as well as health compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.

PSY 550 Behavior Analytic Approaches to Health and Physical Activity 3 Credits
The application of behavior analytic methods, practices, and principles has been demonstrated through research and clinical applications to be effective at changing health and fitness behavior. This course will provide an overview of research and practice in applying behavior analytic principles to changing health behavior and physical activity. Behavior change across various populations will be covered including both adults and children with and without disabilities. Discussion will focus on both functional assessment as well as interventions effective at changing health and physical activity including self-management, self-monitoring, goal setting, contingency management, etc. Students will spend the semester implementing self-management projects for their own health and/or fitness behavior.

PSY 551 Behavioral Appro to Addiction 3 Credits
Evidence from laboratory and clinical settings suggests that addiction can be conceptualized and effectively treated through the application of principles of conditioning. This course provides an overview of behavior analytic research in understanding and intervening on addictive behavior. Behavioral technologies for change regarding substance-related and behavioral addiction will be covered.
Prerequisite(s): Graduate students in Applied Psychology.

PSY 565 Drugs and Human Behavior 3 Credits
Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.

PSY 567 Multicultural Perspectives in Applied Psychology 3 Credits
In this graduate level course, students will examine in-depth, culture and: identity formation, social relationships, the perception and manifestation of mental illness, and treatment seeking among other areas. Additionally, given the increasing diversity of communities in the US, the course will also focus on immigration, acculturation, discrimination, and the psychological correlates of each. Implications of these factors for emerging practitioners will also be covered.

PSY 572 States of Consciousness 3 Credits
This course explores the variety of states that comprise normal and altered consciousness. It highlights how these states are deter-mined by complex interactions between conscious and unconscious mental functions. Key psychological concepts are applied in an investigation of various states of consciousness, especially meditative states and dreams. The course examines both the psychopathological aspects of altered states, as well as their potential beneficial effects on creativity and the development of the self.

PSY 574 Psychology of the Family 3 Credits
This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the varieties of ways family impacts development across the lifespan.

PSY 577 Developmental Psychopathology 3 Credits
This course provides an in-depth view of developmental psychopathology as an applied and prevention science. Developmental psychopathology is concerned with the emergence and continuity or discontinuity of psychopathology, or maladaptive behaviors, across the lifespan. An emphasis is placed on exploring individual, environmental, social, and especially cultural influences in explaining normal and abnormal behavior.

PSY 582 Aging, Brain, and Cognition 3 Credits
This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.

PSY 584 Positive Psychology 3 Credits
Historically, the field of psychology has placed great attention on the question of, "What is wrong with people and how do we fix it?" This course will focus on the question of, "What is right with people and how can we build on that?" We will explore this by examining empirical research centered on the nature of happiness and psychological well-being. Positive psychology is the rigorous study of what is right and positive about people and institutions. Positive psychologists call for as much focus on strength as on weakness, as much attention on positive emotions as negative emotions, as much interest in building the best things in life as in repairing the worst, and as much attention to promoting the fulfillment of lives of healthy people as to healing the wounds of the distressed. This course will first present an introduction to the core assumptions and research findings associated with human strengths and positive emotions, then move on to explore interventions and applications informed by this perspective in counseling and psychotherapy, as well as in domains personally relevant to the lives of students such as school, work, family and other close relationships. PSY 584 is crosslisted with PSY 384.

PSY 590 Field Placement in Applied Behavior Analysis 3 Credits
The applied behavior analysis practicum includes a required field placement of 15 hours per week and periodic on campus meetings. The practicum experience will allow students to experience the professional life of a behavior analyst in one of several preapproved sites. Sites approved include those for children, adolescents or adults with disabilities. Placements will be selected in consultation with the Practicum Coordinator and will require a written practicum plan from the cooperating field supervisor.
Prerequisite(s): PSY 510, PSY 511, PSY 513, PSY 514.

PSY 595 Selected Topics in Applied Psychology 3 Credits
Students will actively engage in an in-depth inquiry into a special topic area concerning applied psychology. Though the topics will change, students will be required to read and discuss current literature as well as considering the application of tools of the discipline to research questions of their own.

PSY 690 Independent Research and Study 1-4 Credits
Provides students with an opportunity to design and carry out original research in an area of their choice. Students designate a faculty supervisor and work closely with him/her during the semester. Permission of Instructor.

PSY 700 ABA Thesis I 1 Credits
The expectation of the thesis experience is for students to generate a scholarly work of professional presentation and/or publication quality. In Thesis 1, students will first complete a comprehensive survey of the research literature in a particular area within applied behavior analysis. They will then develop a research question and methodology using the principles of ABA and an appropriate single-case research design. Prerequisite(s): PSY 510, PSY 511. Co-Requities(s): PSY 514.

PSY 701 ABA Thesis II 3 Credits
In Thesis II, the student will finalize their research proposal and present to members of the MAP. ABA thesis committee. Following any recommended revisions, the proposal will be submitted to the IRB for approval. Once IRB approval is obtained, the student will recruit participants, obtain informed consent, and begin data collection. **Prerequisite**(s): PSY 510, PSY 511, PSY 514.

PSY 702 ABA Thesis III 3 Credits
In Thesis III, the student will complete data collection, analyze their data, and write up their study in American Psychological Association (APA) style. The student will present an oral defense to a committee of faculty members. Following a successful defense, the student will finalize their work as a professional presentation and/or publication submission. **Prerequisite**(s): PSY 510, PSY 511, PSY 514.

PSY 720 Practicum in ABA 3 Credits
The Master in Applied Psychology - Applied Behavior Analysis (MAP-ABA) program's practicum offers students supervision from Rider's MAP-ABA faculty and a variety of high quality in-vivo experiences, under the direct supervision of a Rider-Approved Board Certified Behavior Analyst (BCBA), during which students apply the skills acquired in coursework. **Prerequisite**(s): PSY 510, PSY 511.

Sacred Music (SM)

SM 509 Jubilee Singers 1 Credits
This auditioned ensemble is devoted to the performance of sacred music from the African-American tradition.

SM 510 Conducting Adult Church Choirs: Pedagogy and Management 2 Credits
A practical, skill-based course devoted to the building and maintenance of church music programs serving adults.

SM 511 Sacred Music Lab 0 Credits
Series of classes that addresses a variety of experiences in Sacred Music while rotating principal themes and ideas. Student preparation of monthly worship settings will put studied concepts into practice.

SM 512 Conducting Children and Youth Church Choirs: Pedagogy and Management 2 Credits
A practical, skill-based course devoted to the building and maintenance of church music programs serving children and youth.

SM 517 Concert Handbell Choir II 1 Credits
Open to students who have had previous handbell experience. Intermediate to advanced repertoire, with opportunities for concert performance.

SM 519 Concert Handbell Choir I 1 Credits
A choir selected by audition from the most experienced and capable bell ringers among the student body at large. This ensemble utilizes advanced repertoire and techniques, aiming primarily at presenting concerts both on and off campus, including a two-week annual tour.

SM 523 Choral Music for Adults 1 Credits
This course is designed to acquaint the church choral director with repertoire suitable for use with adult choirs and adult ensembles. Representative repertoire from all periods of music will be discussed and analyzed. Rehearsal techniques will be incorporated regarding introducing the repertoire, skill-building development, and warm-ups. Focus will be on repertoire that can be used during special services throughout the liturgical church year.

SM 524 Choral Music for Children 1 Credits
This course is designed to acquaint the church Choral director with repertoire suitable for use with children's and youth choirs. Representative repertoire from all periods of music will be discussed and analyzed. Rehearsal techniques will be incorporated regarding introducing the repertoire, skill-building development, and warm-ups. Focus will be on repertoire that can be used during special services throughout the liturgical church year.

SM 525 Conductors' Repertoire Ensemble 1 Credits
An auditioned chamber ensemble, offered every semester, which provides conducting podium time and coaching to all interested members. It additionally serves the conducting needs of graduate Sacred Music majors.
Prerequisite(s): CR 215 or permission of instructor.

SM 531 Colloquium in Sacred Music 2 Credits
A lecture series/colloquium intended to address a wide variety of concerns in the field of Sacred Music while rotating principal themes and ideas.

SM 540 Choir Training/Young Singers 3 Credits
A practicum combined with study designed to teach students how to organize and direct a children's choir program that emphasizes musical training as a basic requirement. The course focuses on teaching children good vocal techniques and sight-reading skills and includes practice teaching in a local school under instructor supervision. Other areas covered include musical readiness skills, voice-change problems, and repertoire.

SM 541 Conducting Church Choirs: Pedagogy & Management 3 Credits
A practical course devoted to the building and maintenance of church music programs serving persons of all ages.

SM 610 Foundations of Music Ministry 2 Credits
This graduate level course surveys the vocational needs, professional relationships, administrative styles, and teaching roles of the practicing church musician. In addition to an overview of professional standards, emphasis will also be placed on music engraving skills (music notation software), budgeting, recruitment, endowments and fundraising.

SM 621 Oratorio Solo Literature 3 Credits
A performance course surveying solo and ensemble portions of oratorios, masses, passions and cantatas from the early Baroque period to the present, with emphasis on appropriate performance techniques for stylistic integrity. Offered in rotation with other Sacred Music electives.

SM 630 Conducting Coaching 1-2 Credits
Structured preparation and faculty coaching of the culminating choral recital in the graduate Sacred Music curriculum.

SM 631 Worship Planning/21st Cent. 3 Credits
Designed to facilitate the planning of worship, this practical course will be an immersion in the musical and theological materials available to those who create worship.

SM 632 Collaborative Prep for Worship 1 Credits
Through seminars, readings and common participation in chapel services, Westminster Choir College and Princeton Theological Seminary students will explore models for pastors and church musicians to prepare collaboratively for worship.

SM 635 Choir Training For Children/Youth 3 Credits
A practical course designed to teach students how to organize and direct a comprehensive music program from preschool through high school in the church setting. The course focuses on teaching excellent vocal techniques for each level as well as appropriate music skill development. Other areas of focus include: musical readiness skills; working with preschool singers; understanding the child's voice; the changing voice; and appropriate repertoire for all ages.

SM 640 Liturgies 3 Credits
A study of the origins of liturgy, its development in the main Christian traditions, and its relation to ecclesiastical history, with particular attention given to the differing styles and traditions of liturgical music. Contemporary liturgies are viewed against this historical background.

SM 641 Hymnology 3 Credits
A study of the origins and development of Christian hymnody, with reference to the theological emphases of various periods from the beginnings to the present, aiming to arouse interest in the textual and musical content of hymns and in their effective use in worship.

SM 654 German Church Music 3 Credits
A study of church choral literature by German composers from the 16th century to the present focusing on the pre-Bach and post-Bach cantata. Class performances of selected works. Complements SM 655. Offered in rotation with other Sacred Music electives.

SM 655 Bach Cantatas 3 Credits
A study of the history, performance practices, and liturgical setting, and class performance of selected cantatas of J.S. Bach.

SM 690 Independent Study and Research 1-3 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

SM 710 Panorama of Sacred Music 3 Credits
This graduate-level course is a one-semester survey of those masterworks and significant musical movements that have shaped the evolution of Western Sacred Music. Beginning with the Old Testament, this course will move through all eras, highlighting important composers and liturgical trends, placing them in their appropriate cultural and theological contexts.

SM 712 Hist of Sacred Music I 3 Credits
Study and research into the history of Western Christian music and its most important genres beginning with the Old Testament and continuing until the death of J.S. Bach in 1750.

SM 713 Hist of Sacred Music II 3 Credits
Continuation of SM 712, beginning with the Classical Viennese Mass and continuing until today. Emphasis on the development of the American church and its worship music.

SM 722 Theology, Liturgy & Worship 3 Credits
A detailed study of the Bible. Principal thematic and narrative elements are correlated to the development of the church's historic liturgies and the theological principles behind them.

Spanish (SPA)

Courses and Descriptions

SPA 500 The Poetry of Resistance in the Time of the Generals in Latin America 3 Credits
This course offers a broad overview of important historical literature about dictatorships in Latin America. The weekly readings and writing assignments have been selected in order to: 1) introduce major concepts, arguments, and figures in the field of Latin American literature and culture; 2) appreciate the evolution of the role of artists and intellectuals during the years of the "dirty war" in Latin America; 3) sharpen analytical writing; and, 4) demonstrate the connection (and the limits of the connection) between literature, culture, and society. This course is predominantly a study of Latin American governments in the twentieth century and of the role of artists, primarily writers of fiction and poetry, as a corps of truth-tellers and resisters in the face of government propaganda, censorship, and cultural/political repression.

SPA 510 Marks of Identity: The Journey of the Self in Spanish Theater 3 Credits
What markers of class, race, ethnicity, gender and even species shape individual and group identity? How does identity change over time? How do I know who I am, and how does my identity further my interests and those of society? Offered in translation, this course explores the staging of identity in Spanish theater from the seventeenth to the twenty-first century. Topics may include the 17th-century honor code and gender, the myth of Don Juan, imperialist imaginings of New World subjects, the romantic hero and the angel of love, identity and the grotesque, identity and erotic desire, identity and media technologies, and non-human animal subjects. Film, art, music and live-theater attendance.

Special Education (SPED)

Courses and Descriptions

SPED 500 The Inclusive Classroom: Effective Practices for General Education Teachers 3 Credits
This course is designed to introduce general education teachers to special education and the inclusive classroom. Students will explore current research, issues and practices in special education. Assignments and activities will enable students to develop the knowledge and skills to design and manage the instructional environment for diverse learners in inclusive and classroom setting. Attitudes and behaviors that influence children with special needs will be addressed.

SPED 504 Assistive and Augmentative Technology for Autism Spectrum Disorders and Other Disabilities 3 Credits
This course will emphasize the use of assistive technology, augmentative communication modalities, visual supports, and related instructional methods and strategies that maximize the learning of individuals with autism spectrum disorders and other exceptional learning needs. Students will learn how to effectively customize materials and adapt learning environments using technology, with a specific focus on individuals with ASD. Students will become familiar with the use of high-tech, low-tech, and no-tech solutions that support the individualized needs of learners. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 505 A Comprehensive Approach to Supporting Students with Autism Spectrum Disorder 3 Credits
Through this course, students will learn theories related to instructing and assessing individuals with Autism Spectrum Disorder (ASD), as well as evidence-based practices related to academic instruction. Effective interventions related to supporting the emotional, behavioral, and communicative needs of students with ASD across grade levels will also be addressed. The course begins by examining the characteristics of the disability, causes, early warning signs, diagnostic procedures, and early intervention practices. Specific practices related to instruction and intervention as well as how to best structure a classroom for students will be examined. Teachers will receive instruction in a variety of strategies and practices, as well as their theoretical underpinnings. Strategies for communicating effectively and efficiently with parents, as well as the most current and/or special issues in the field will also be discussed. Issues related to post-secondary transition and the specific needs of this population and their families will also be examined. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 512 Psychology of Exceptionality 3 Credits
This course provides opportunities for the study of school psychological issues associated with supporting students with exceptionalities. Philosophical, historical, and legal foundations of special education, and the characteristics of students with disabilities will be examined. Special education policy, legal foundations, and evaluation procedures are discussed. Current issues related to inclusive practice and intervention strategies are examined from a psychological and sociocultural perspective. An experience in the field will enable students to apply knowledge in a realistic classroom setting. This course, or its equivalent, will be the prerequisite for all other SPED courses.

SPED 514 Applied Behavior Analysis for Students with Autism Spectrum Disorder and other Behavior Needs 3 Credits
This course is designed to provide extensive knowledge and practice in meeting the behavioral challenges of individuals through Applied Behavior Analysis for students with Autism Spectrum Disorder and other behavioral issues. Candidates will receive instruction in a problem-solving approach to identify the possible function(s) of problem behavior and the design of proactive, positive behavior intervention plans that emphasize the teaching of appropriate alternative skills. An emphasis is placed upon behavior change strategies, which intervene on antecedent events, teach appropriate alternative skills, and provide supports in the natural environment. Multi-component interventions also are designed to include the interest and preferences of the target student. Legal and ethical considerations are considered. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 524 Collaboration and Inclusive Practice for Students with Mild and Severe Disabilities 3 Credits
This course will emphasize curriculum planning, learning environments, materials, and modifications for students with mild and severe disabilities. Instructional and behavioral strategies to maximize learning of all students, including those with exceptional learning needs in the general education classroom will be examined. Inclusive educational practices including collaboration, communication and positive behavior supports and co-teaching will be discussed and applied for diverse learners. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 531 Assessment for Instruction in Special Education 3 Credits
In this course, standardized and functional assessments are emphasized. Students are introduced to basic educational assessment procedures, norm-referenced, criterion-referenced, and individually-referenced assessment in this course. An emphasis is placed on gathering information to answer specific referral questions, and the use of assessment tools, which meet legal and ethical guidelines. A model of academic assessment most consistent with classroom practices is emphasized. Students are expected to measure an individual's performance (e.g., current level of functioning) and provide recommendations for instruction and learning goals and objectives. A field experience will enable students to apply knowledge to practice.
Prerequisite(s): SPED 512.

SPED 536 Instruction and Transition for Autism and Severe Disabilities 3 Credits
The course will provide students with the knowledge and skills to support individuals with Autism Spectrum Disorders and those with moderate to severe disabilities. Strategies to address instruction, transition, behavior, and communication and will be emphasized across domains of life skills, inclusion, and transition. Transition planning, including understanding, formulating, and implementing the Individual Transition Plan will be taught. Collaborative interactions with school and community personnel and agencies will be addressed. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 539 Instructional Practices for Students with Disabilities 3 Credits
This course will give students the opportunity to evaluate, select, develop, and adapt instructional and assessment materials for individuals with mild to severe disabilities. Using various case studies, students will have the opportunity to develop an Individualized Education Program (IEP) and synthesize assessment information to make appropriate instructional decisions addressing learner characteristic and classifications. Curriculum planning, learning environments, modifications, and materials for diverse learner needs will be examined. Students will experience the collaborative process and develop their ability to function as part of an educational team. A field experience with children with disabilities will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 542 Literacy and Students With Special Needs 3 Credits
The course will provide an overview of theories, assessment, and intervention techniques for the literacy development of students with special instructional needs. Students will explore research validated methods for literacy development and instruction, including current strategies for teaching comprehension, composition, vocabulary, and language study. Management of literacy instruction is studied in a workshop setting. An experience in the field will enable students to apply knowledge in a realistic classroom setting.
Prerequisite(s): SPED 512.

SPED 580 Supervised Internship in Special Education 3 Credits
This supervised internship experience will provide students with an opportunity to connect theory and practice in special education during the summer. Students will work full-time in a setting with individuals with disabilities. After a brief period of orientation to the setting, the intern will assume a full load of teaching and/or supervisory responsibilities appropriate to the context of the experience. Seminar meetings will be required. Permission of the program advisor is required.
Prerequisite(s): SPED 512, SPED 514, SPED 523, SPED 525, SPED 531, SPED 535, SPED 539.

SPED 590 Professional Seminar in Special Education 3 Credits
This course addresses the current issues in the field of special education. Students will synthesize research and literature from the field of special education to address current issues and practice. Collaboratively, students will examine one area of special education through research and presentation. A reflective comprehensive view of special education including assessment, instruction, inclusive practice, assistive technology, Autism Spectrum Disorder, behavior, literacy etc. will be shared. Students are expected to complete a comprehensive exam in these related special education topics and submit 100 hours of supervised field hours. This course should be taken in the final semester of the MA program as it is the culminating reflective course of study.
Prerequisite(s): Permission of instructor.

SPED 600 Independent Study and Research in Special Education 1-3 Credits
The content of the course varies with the academic research interests of students who wish to engage in independent study related to topics in special education.

Voice (VC)

VC 553 Special Topics in Voice Performance Practice 2 Credits
Intensive performance coaching and lectures in the form of master classes where performance practice in selected topics will be taught by current faculty or distinguished alumni and specialists in their fields. Open to students at the sophomore level and above with permission of the instructor.

VC 591 Performing in Lyric Theater 2 Credits
Performing in Lyric Theater offers techniques for the preparation of lyric roles in a theatrical setting. It will develop elements of stagecraft, systematize a process for preparations and exploration, and introduce the working relationship with director and conductor.
Prerequisite(s): Undergraduates, VC 291 and the successful completion of Level II jury, or permission of the Chair.

VC 592 Opera Workshop 2 Credits
Introduction to opera performance. Acting exercises, character development, dramatic exploration and musical coaching culminating in a workshop-format presentation. It is recommended that VC 491 or 691 be taken before this course. This course may be repeated for credit.
Prerequisite(s): Undergraduates, successful completion of the level II voice test or permission of the chair.

VC 593 Opera Theater 2 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 593E Opera Theater (Ensemble) 1 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 593R Opera Theater (Role) 2 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 593T Opera Theater (Tech) 1 Credits
This course involves preparation and performance of a role or in the chorus of a fully staged opera production. Open only by audition. May be repeated for credit.

VC 608 Accelerated Lyric Diction Review 3 Credits
This course surveys and reviews fundamentals of Lyric Diction in English, Italian, German, and French in sung musical mediums from the classical tradition. Fundamentals of the International Phonetic Alphabet will also be reviewed. It is intended for Graduate students in Voice and Choral Conducting. Successful completion of this course fulfills any deficiencies identified through Diction screenings for Graduate students.

VC 614 Accelerated Lyric Diction Review 2 Credits
Survey and review of fundamentals of Lyric Diction in English, Italian, German and French in sung musical mediums from the classical tradition, as well as review of the International Phonetic Alphabet. Successful completion of this course fulfills any deficiencies identified through Diction Screenings for graduate students.
Prerequisites: Diction Screening.

VC 621 Oratorio Solo Literature 3 Credits
A performance course surveying solo and ensemble portions of oratorios, masses, passions, and cantatas from the early Baroque period to the present, with emphasis on appropriate performance techniques for stylistic integrity.

VC 627 Opera Literature I 3 Credits
Study of the development of opera from 1600 through the Napoleonic era (ca. 1815), with emphasis on performance practices, singing styles, libretti, the role of the orchestra, and the historical, political and sociological milieu in which the operas were written.

VC 628 Opera Literature II 3 Credits
Study of the development of opera from the early 19th century to the present, with emphasis on performance practices, singing styles, libretti, the role of the orchestra, and the historical, political and sociological milieu in which the operas were written.

VC 633 Seminar in Opera Literature 3 Credits
An intensive study of an area of opera literature. The specific content of this course will change from semester to semester. Emphasis is placed upon in-depth study of the works of a selected composer or of a specific genre of opera.

VC 635 Seminar in Song Literature 3 Credits
An intensive study of some area of art song history and literature. The specific content of this course will change from semester to semester. Emphasis is placed upon in-depth study of the selected repertoire.

VC 641A Voice Primary 2 Credits

VC 641B Voice Primary 1 Credits

VC 641C Voice Elective 2 Credits

VC 641D Voice Elective 1 Credits

VC 641E Voice Primary 2 Credits

VC 641F Voice Primary 1 Credits

VC 641G Voice Primary 2 Credits
Voice Primary.

VC 650 Pedagogy Capstone 1 Credits
Independent research leading to a completed capstone project, such as a pedagogical publication or presentation, development of an original or unique method of instruction, instructional materials, etc. The project must be approved by the department.

VC 655A Voice Primary 2 Credits

VC 655B Voice Primary 1 Credits

VC 655E Voice Primary 2 Credits

VC 655F Voice Primary 1 Credits

VC 657 Private Coaching 2 Credits
Individual coaching sessions for singers on musical style, interpretation, ensemble, languages, and presentation. Registration for VC 657 involves weekly hour-length lessons and a fee of $1,200. Registration for VC 658 involves weekly half-hour lessons and a fee of $600. Open to graduate Voice Pedagogy and Performance majors.

VC 658 Private Coaching 1 Credits
Individual coaching sessions for singers on musical style, interpretation, ensemble, languages, and presentation. Registration for VC 657 involves weekly hour-length lessons and a fee of $1,200. Registration for VC 658 involves weekly half-hour lessons and a fee of $600. Open to graduate Voice Pedagogy and Performance majors.

VC 661 German Lieder 3 Credits
This survey of the German Lieder begins with its roots in the 17th and 18th centuries and continues into the 20th century. Classes will involve study of Romanticism, including philosophers and poets of the 18th and 19th centuries who were important for German Lieder. The bulk of the class involves in-depth study of the Lieder of the important composers of the genre: Haydn, Mozart, Schubert, Robert and Clara Schumann, Mendelssohn, Liszt, Brahms, Wolf, Strauss, Mahler, Schoenberg, Berg, and Webern. Class sessions will involve a balance of lecture, discussion, and student performance.

VC 662 French Melodie 3 Credits
This course is designed as a survey of the song literature of France. Students examine works for voice and piano/instruments by Berlioz, Gounod, Saint-Saëns, Bizet, Faure, Duparc, Chausson, Debussy, Ravel, Messaien, Milhaud, Poulenc, and others, analyzing their relationship to larger stylistic, social, and musicological trends. Investigation will include matters of prosody, scansion, and compositional organization, with particular attention given to matters of text setting and poetic treatment. Special emphasis will be placed on important French language poets whose literary works serve as the basis for this material. Poets will include Baudelaire, Verlaine, Hugo, Rimbaud, Mallarmé, LaForgue, Maeterlinck, and others. Poetic history and form will be covered as well as important composer/poet partnerships. Class sessions will involve a balance of lecture and discussion. Works by both well-known and lesser-known composers will be included.

VC 667 Private Dramatic/Role Coaching 2 Credits
Individual dramatic coaching sessions for singers on operatic role study and/or audition preparation. Students will provide their own accompanists as needed. Registration for VC 667 involves weekly hour-length lessons and a fee of $1,200. Registration for VC 668 involves weekly half-hour lessons and a fee of $600. May be repeated for credit.

VC 668 Private Dramatic/Role Coaching 1 Credits
Individual dramatic coaching sessions for singers on operatic role study and/or audition preparation. Students will provide their own accompanists as needed. Registration for VC 667 involves weekly hour-length lessons and a fee of $1,200. Registration for VC 668 involves weekly half-hour lessons and a fee of $600. May be repeated for credit.

VC 690 Independent Research and Study 1-3 Credits
Students may pursue a special topic for which they have prepared through prior course work. Only one project may be scheduled in a semester. The project may involve 1-3 credit hours. Approval of the faculty sponsor, department chair, and dean required prior to the first day of the semester in which the project is to be completed. Minimum cumulative GPA of 3.0 required.
Prerequisite(s): graduate standing.

VC 705 Grad Voice Rep:Italian/French 1 Credits
This class is a performance seminar focusing on the synthesis of musical line and linguistic inflection. Elements of tonal color, frequency, vowel purity and rhythm will be practiced in each class session as individual students perform selections from the literature. Repeatable for credit only if space is available AND by permission of the Chair.

VC 706 Grad Voice Rep:German/English 1 Credits
This class is a performance seminar focusing on the synthesis of musical line and linguistic inflection. Elements of tonal color, frequency, vowel purity and rhythm will be practiced in each class session as individual students perform selections from the literature. Repeatable forcredit only if space is available AND by permission of the Chair.

VC 721 Westminster Voice Pedagogy Institute 3 Credits
This intensive course gives a detailed overview of science-informed, experience-driven voice pedagogy. It includes emphases on both Classical and Contemporary Commercial singing styles. Vocal anatomy, acoustic properties of the voice, voice-health, mind/body integration, lifespan voice, and an introduction to voice research/technology using the Presser Voice Lab and online resources are some of the Institute's areas of focus. Master teachers conduct "Look-in Lessons" and voice health specialists share the latest in the field.
Prerequisites: If taking for credit, an undergraduate degree is required.

VC 722 Literature for Teaching 3 Credits
A survey of graduated teaching literature for beginning, intermediate and advanced voice students. Literature will be explored that is particularly well-suited to specific vocal issues (e.g. legato, coloratura, staccato, etc.)
Prerequisite(s): VC 723, VC 724.

VC 723 Voice Ped I: Voice Science 3 Credits
Study of voice anatomy and physiology with concentration on respiration, phonation, articulation, hearing and vocal health. Through hands-on experience in the Westminster Voice Laboratory, students explore the physics of sound, the fundamentals of musical acoustics, and acoustical elements that are unique to the human voice. Priority registration is given to M.V.P. majors and M.M. students majoring in Voice Performance and Pedagogy. Other students may enroll on a space-available basis.

VC 724 Voice Pedagogy II: Methods 3 Credits
A comparative study of various pedagogical methods and ideals. A wide range of important historical and contemporary pedagogy treatises is reviewed. Students explore exercises and vocalises for general voice development as well as techniques to address and correct specific vocal problems. Role-playing exercises are used to develop appropriate listening and teaching skills. Class participants begin supervised instruction of a volunteer singing student.

VC 725 Voice Pedagogy III: Teaching Practicum 3 Credits
Communication skills are explored and students develop a systematic approach to studio voice instruction. Each student is assigned at least two voice students (one adult and one teenager) to be taught both inside and outside of class. Emphasis is placed on becoming familiar with all voice classifications and basic vocal literature.
Prerequisite(s): VC 723.

VC 726 Voice Research 3 Credits
Peer reviewed research in voice is evaluated and research methodologies are explored. Class projects include research in historical, qualitative, quantitative, and mixed methods approaches.

VC 730 The Singing Actor: Opera 3 Credits
This course entails coaching of selected songs, arias or repertoire from music theater, and techniques for performance preparation through intensive research. A final written project involves a musical and dramatic analysis of all chosen repertoire.

VC 731 Opera Auditions: Prep & Tech 2 Credits
This class will explore the many facets of preparing an audition for an opera role, apprentice program, or competition. At least three to four arias in contrasting styles and languages should be prepared for work in class. Areas to be addressed include vocal and dramatic presentation, networking, resume building, make-up, and photo advice. In coordination with the Office of Career Services, panel discussions with invited guests that will explore specific career-related topics will be scheduled.
Prerequisite(s): permission of the applied instructor.

VC 740 Seminar in Music Theater Pedagogy 3 Credits
Comprehensive study of various pedagogical approaches to teaching Music Theater singing techniques. Students explore exercises and vocalises for general voice development as well as techniques to address and correct specific vocal problems. Role-playing exercises are used to develop appropriate listening and teaching skills. Class participants begin supervised instruction of a volunteer singing student. The course is offered entirely online and will consist of recorded lectures, reading assignments, group discussions via discussion boards, listening assignments, and other written assignments.

VC 741 Music Theater Literature I 3 Credits
Survey and analysis of Music Theater literature from its roots in Tin Pan Alley through Kander and Ebb. Students will explore the synergistic relationships among text, music, and style and discuss the influence of society and politics on the genre. The course is offered entirely online and will consist of recorded lectures, reading assignments, group discussions via discussion boards, listening assignments and other written assignments.

VC 742 Music Theater Literature II 3 Credits
Survey and analysis of Music Theater Literature from Sondheim to the present. Students will explore the synergistic relationships among text, music, and style and discuss the influence of society and politics on the genre. The class will also discuss the integration of pop/rock and other contemporary substyles within the genre. The course is offered entirely online and will consist of recorded lectures, reading assignments, group discussions via discussion boards, listening assignments and other written assignments.

VC 791 Teaching Internship 2 Credits
Teaching internship with a master teacher(s). The student will teach under faculty observation and supervision, including follow-up private discussion with the observer. In addition, students themselves observe group and private lessons and are given readings, written assignments, and/or projects associated with their own teaching. May be offered on an intensive basis in conjunction with Westminster Summer Session events, such as The High School Solo Vocal Artist and/or Vocal Institute.

Search Courses

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Under Construction

Under Construction

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ACADEMIC CALENDAR

Rider University Academic Calendar AY2024

Fall Semester 202 (p. 1576)3
JTerm Winter Session 202 (p.)4
Spring Semester 202 (p. 1576)4

Additional Information:

- Cancellation of Classes (p. 1577)
- Commencement (p. 1577)
- Fall Withdrawal Dates (p. 1576)
- JTerm Winter Session Course Availability (p. 1577)
- Spring Withdrawal Dates (p.)
- Summer Sessions (p. 1577)

Fall Semester 2023

September

6 Wednesday	Classes begin
6 Wednesday	7-Week Part A Classes Begin
6 Wednesday	Alumni Audit Registration
8 Friday	7-Week Part A Last day to add courses
12 Tuesday	Last day to add courses
12 Tuesday	7-Week Part A Last day to drop courses
14 Thursday	Deadline for makeup of Summer 2 incomplete grades
19 Tuesday	Last day to drop courses

October

16 Monday	Course Selection for Spring semester and JTerm begins
23 Monday	7-Week Part A Classes End
24 Tuesday	7-Week Part A Final Exams
25 Wednesday	7-Week Part B Classes Begin
27 Friday	7-Week Part B Last day to add courses
31 Tuesday	7-Week Part B Last day to drop courses

November

22-26 Wednesday-Sunday	Thanksgiving recess
27 Monday	Classes resume

December

8 Friday	Classes end (except Graduate Education classes)
11-15 Monday-Friday	Final exams
14 Thursday	7-Week Part B Classes End
15 Friday	7-Week Part B Final Exams
15 Friday	Graduate Education classes end
16 Saturday	Residence halls close at noon

Fall 2023 Withdrawal Dates[1]

Sept. 20-Nov. 14 Wednesday-Tuesday	Withdrawal, student discretion
Nov. 15-Dec. 8 Wednesday-Friday	Withdrawal, psychological or physiological incapacity

Fall 2023 Withdrawal Dates (7-Week Part A) [1]

Sept. 13-Oct. 13 Wednesday-Friday	Withdrawal, student discretion
Oct. 16-Oct. 24 Monday-Tuesday	Withdrawal, psychological or physiological incapacity

Fall 2023 Withdrawal Dates (7-Week Part B) [1]

Nov. 1-Dec. 1 Wednesday-Friday	Withdrawal, student discretion
Dec. 4-Dec. 8 Monday-Friday	Withdrawal, psychological or physiological incapacity

1

Please refer to www.rider.edu/offices-services/finaid/payments-billing-deposits/refunds (http://www.rider.edu/offices-services/finaid/payments-billing-deposits/refunds/) for information regarding course withdrawals and refunds.

JTerm Winter Session 2024

January 2024

2 Tuesday	JTerm Classes begin
2 Tuesday	Last day to add courses
3 Wednesday	Last day to drop courses
4-16 Thursday-Tuesday	Withdrawal, student discretion
15 Monday	Martin Luther King, Jr. Day (Closed)
17-19 Wednesday-Friday	Withdrawal, psychological/physiological incapacity
18 Thursday	Classes end
19 Friday	Final Exams

Spring Semester 2024

January

19 Friday	Deadline for makeup of Fall semester incomplete grades
22 Monday	Classes begin
22 Monday	7-Week Part A Classes Begin
24 Wednesday	7-Week Part A Last day to add courses
26 Friday	7-Week Part A Last day to drop courses
28 Sunday	Last day to add courses
28 Sunday	Last day to add or drop Applied Lessons

February

4 Sunday	Last day to drop courses (excluding Applied Lessons)
15 Thursday	Spring 2024 degree applications due

March

7 Thursday	7-Week Part A Classes End
8 Friday	7-Week Part A Final Exams
9 Saturday	Last day of classes before Spring recess
10-17 Sunday-Sunday	Spring recess
18 Monday	Classes resume
18 Monday	7-Week Part B Classes Begin
19 Tuesday	Course Selection for Fall and Summer semesters begin
20 Wednesday	7-Week Part B Last day to add courses
22 Friday	7-Week Part B Last day to drop courses

April

26 Friday	Classes end (except Graduate Education classes)
Apr. 29-May 3 Monday-Friday	Final exams

May

2 Thursday	7-Week Part B Classes End
3 Friday	7-Week Part B Final Exams
	Graduate Education classes end
4 Saturday	Residence halls close at noon
11 Saturday	University Undergraduate and Graduate Commencement
13 Monday	Summer Session I begins

June

1 Saturday	Summer 2024 degree applications due
5 Wednesday	Deadline for makeup of spring semester incomplete grades
26 Tuesday	Summer 1 classes end
25-26 Tuesday-Wednesday	Summer 1 final exams

July

1 Monday	Summer Session 2 begins
4-5 Thursday-Friday	4th of July (Closed)

August

14 Wednesday	Summer 2 classes end
15 Thursday	Summer 2 final exams

Spring 2024 Withdrawal Dates [1]

Feb. 5-April 5 Monday-Friday	Withdrawal, student discretion
April 8 - April 27-Saturday	Withdrawal, psychological or physiological incapacity

Spring 2024 Withdrawal Dates (7-Week Part A) [1]

Jan. 29-Feb. 27 Monday-Tuesday	Withdrawal, student discretion
Feb. 28-March 8 Wednesday-Friday	Withdrawal, psychological or physiological incapacity

Spring 2024 Withdrawal Dates (7-Week Part B) [1]

March 25-April 23 Monday-Tuesday	Withdrawal, student discretion
April 24-May 3 Wednesday-Friday	Withdrawal, psychological or physiological incapacity

1

Please refer to www.rider.edu/offices-services/finaid/payments-billing-deposits/refunds (http://www.rider.edu/offices-services/finaid/payments-billing-deposits/refunds/) for information regarding course withdrawals and refunds.

For additional information and updates to the Academic Calendar refer to www.rider.edu (http://www.rider.edu)

JTerm Winter Session

Students interested in 3-week JTerm course offerings during winter break should contact Admissions at 800-257-9026 or refer to www.rider.edu/jterm (http://www.rider.edu/jterm/).

Summer Session 2024

Students interested in calendar and course offerings for the summer sessions should contact Admissions at 800-257-9026 or refer to www.rider.edu/summer (http://www.rider.edu/summer/).

Commencement Information

For Commencement ceremonies information, refer to www.rider.edu/commencement (http://www.rider.edu/commencement/)

Cancellation of Classes

In most cases, Rider will remain open and fully operational during snowstorms and other emergency situations. Under extreme circumstances, however, it may become necessary to cancel classes and other functions, close certain buildings, or take emergency actions.

If such circumstances should arise, a notice will be sent via the Rider Alert System.

Students may sign up for Rider Alert at https://www.rider.edu/offices-services/public-safety/rider-alert (https://www.rider.edu/offices-services/public-safety/rider-alert/)

Cancellations will also be announced online at www.rider.edu (http://www.rider.edu) and on the Rider University information hotline at 609-219-2000, option 1.

PROGRAMS

Majors, Minors, Certificates, and Programs

- Undergraduate Majors, Minors, Concentrations and Certificates (p. 14)
- Graduate Programs and Certificates (p. 1501)

POLICIES

Undergraduate Academic Policies (p. 1579)

Graduate Academic Policies (p. 1595)

Code of Academic Integrity (p. 1609)

Veterans and Military Service Information (p. 1613)

Undergraduate Academic Policies

Introduction

Students should refer below for important information regarding Rider's undergraduate academic policies. College/school-specific academic policies are also listed within each of the colleges/schools in the Academic Catalog. Students in Continuing Education Programs should refer to the Continuing Education Programs link below for specific policies that pertain to them.

Significance of Accepting Admission to Rider University

By the act of accepting admission to Rider University, students acknowledge and agree to the following:

1. that they will be bound by and comply with all University standards and policies, including but not limited to those standards and policies set forth in this catalog and in The Student Code of Social Conduct. (https://www.rider.edu/about/offices-services/community-standards/student-code-social-conduct/) **Primary and ultimate responsibility for knowing and conforming to these standards and policies and degree requirements resides with the individual student.**
2. that the ultimate authority to regulate and maintain order on the University campuses resides with the President and the Board of Trustees; and,
3. that the University retains ownership and the exclusive right to use any and all promotional, publicity, and entertainment products (including those produced as course requirements), creations, and activities engaged in by the student while at the University, including but not limited to photographs, television, audio and video recordings, motion pictures, artistic performances and presentations, internet/web-based productions and sales, and athletic events and all proceeds therefrom. The student has no right to any payment for participation therein.

Students further agree to execute any documents required to confirm or convey to the University all rights outlined in subpart (3) above.

Rider University's Right to Change Catalog Content

This Academic Catalog is not a contract nor is it an offer to enter into a contract. While every effort is made to ensure the accuracy of the information provided in this catalog, it must be understood that all policies and procedures (as well as courses, course descriptions, curricular and degree requirements and other academic information) described in this catalog are subject to change or elimination at any time without prior notice.

Primary and ultimate responsibility for knowing and conforming to the standards, policies and degree requirements outlined in the Academic Catalog resides with the individual student.

While every effort will be made to inform students of any changes as soon as is practical, students should consult the appropriate academic or administrative department, school, college, or other service provider for currently accurate information on any matters described in this catalog. Changes affecting degree requirements will take into account the applicability of the change to currently matriculated students.

Rider University also reserves the right to vary the policies and procedures in the Academic Catalog on a case-by-case basis, as fair and reasonable treatment of interested parties requires in the University's best judgment.

- Academic Classification (p. 1580)
- Academic Concern, Conditional Standing/Dismissal and Readmission (p. 1580)
- A (p. 1582)cademic Disability Policy (p. 1582)
- Academic Load/Overload (p. 1582)
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- Academic Records (p. 1583)
- Accompanying Costs for Voice Students (p. 1583)
- Advanced Placement (AP) Credit (p. 1584)
- Applied Music - Westminster Choir College (p. 1584)
- Class Attendance/Absence (p. 1584)
- Class Cancellation (p. 1585)
- Class Cancellation/Excused Absence Policy - Westminster Choir College (p. 1585)
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Academic Classification

Students must carry twelve (12) credit hours or more (or their equivalent) in a fall or spring semester to be considered a full-time student. Normal progress toward a degree and academic classification consists of the following credit advancement:

Academic Classification	Credit Advancement
Freshman	0 - 23 hours
Sophomore	24 - 53 hours
Junior	54 - 89 hours
Senior	90 or more hours

Students should consult the section of the catalog for their college or school regarding degree requirements for each program.

Students receiving financial aid from any source need to be particularly concerned with their full-time status and making normal progress toward a degree.

Academic Concern, Conditional Standing/ Dismissal and Readmission

- Academic Concern
- Conditional Academic Standing (p. 1580)
- Academic Dismissal from the University (p. 1581)
- Dismissal from a Major within Westminster Choir College or Performing Arts (p. 1581)
- Undergraduate Education Minimum Standards (p. 1581)
- Readmission after Academic Dismissal (p. 1581)

All students permitted to enroll at Rider University are in good standing and are qualified to be bona fide students. Decisions regarding academic progress, conditional standing, and dismissal for poor scholarship are the responsibility of the Committee on Academic Standing within each college or school. These committees may establish and apply criteria in addition to the minimum university cumulative grade point average (GPA). Using approved academic criteria[1], the Committee on Academic Standing within each college or school may review the academic record of any student.

Because a minimum 2.0 cumulative grade point average (GPA) is required for graduation, students are expected to maintain a minimum 2.0 cumulative GPA while enrolled at Rider. Students who fail to meet this minimum will be reviewed by the appropriate Committee on Academic Standing and may receive a letter of academic concern, be placed on conditional standing, or be dismissed from the University. Students who meet the minimum cumulative GPA but who are dismissed from a specific college or school for other reasons are eligible to apply to another college or school of Rider University.

Undergraduate education students are required to maintain a minimum 3.0 cumulative GPA in all courses taken at Rider University and must receive a grade of 'C+' or higher in all education courses. It is the individual student's responsibility to retake any education course in which a grade lower than 'C+' has been earned. Undergraduate education students will be permitted to undertake student teaching only if they have received 'C+' or higher in all education courses and have a minimum 3.0 cumulative GPA. See the Undergraduate Education section below for further information.

Undergraduate music education students are required to maintain a minimum 3.0 cumulative GPA in all courses taken at Rider University and must pass the sophomore portfolio to remain in good standing in the major. See the Undergraduate Education section below for further information.

1

Rider calculates Grade Point Average (GPA) to four decimal points within for Latin Honors. Refer to the Graduation with Honors policy for complete information: /policies/undergraduate/graduation-honors/ (p. 1592)

Academic Concern

Upon review of a student's academic record, a Committee on Academic Standing may issue a letter of concern, which responds to academic progress that does not meet college, school or university expectations, and describes an academic plan of study that must be met in the subsequent semester. Students who fail to pursue a course of study prescribed by an academic standing committee, who do unsatisfactory work in the prescribed course of study, or who fail to meet other academic standards may be placed on Conditional Academic Standing or dismissed.

Conditional Academic Standing

Upon review of a student's academic record, a Committee on Academic Standing may place a student on Conditional Academic Standing. In reaching this decision, the committee may require a student who does unsatisfactory work to pursue a specific course of study during a particular academic session. Students who fail to pursue a course of study prescribed by an academic standing committee, who do unsatisfactory work in the prescribed course of study, or who fail to meet other academic standards may be continued on Conditional Academic Standing or may be dismissed without further right of appeal. There must be substantial evidence of proper motivation and a capacity for doing college level work to warrant maintaining a student in school with a record of continued conditional status as opposed to dismissal.

Students on conditional academic standing may not register for an academic overload. Additionally, students must be removed from conditional status in order to be approved for graduation.

Academic Dismissal from the University

Students who have not done satisfactory work may be dismissed from the University for poor scholarship at the end of any semester after an appropriate review of their scholastic records by the Committee on Academic Standing within their college or school. Students may also be subject to academic dismissal if their cumulative GPA falls below the required minimum for two or more consecutive semesters, or the GPA falls below the required averages established at the freshman, sophomore, junior and senior levels. Academic dismissal at the end of the fall semester is effective prior to the beginning of the spring semester. Academic dismissal at the end of the spring semester is effective prior to the beginning of summer session II.

Students who wish to appeal a dismissal must submit a written statement of appeal to the academic dean of their college or school within 10 days from the date on their letter of dismissal. All appeals submitted by the deadline will receive consideration from the appropriate academic standing committee.

Dismissal for academic reasons terminates a student's relationship with Rider. Dismissed students may not enroll for courses nor participate in university-sponsored activities or ensembles at either campus for a period of one year following their dismissal. Students dismissed for academic reasons normally will not be eligible for readmission within one calendar year of the dismissal date. Although some students will apply for readmission, there is no real or implied right to such readmission.

Students dismissed by Performing Arts or Westminster Choir College (WCC) but not Rider University may apply for enrollment in other colleges of the University. Students dismissed by WCC but not Rider University may not enroll in WCC courses, ensembles or activities until they have been readmitted to WCC with the exception of courses, ensembles or activities that are delivered by or at WCC and are required in music degrees housed within Performing Arts. Students dismissed by Performing Arts but not Rider University may not enroll in Performing Arts courses, ensembles or activities until they have been readmitted to Performing Arts.

Dismissal from a Major within Westminster Choir College or Performing Arts

Academic departments within the Westminster Choir College or Performing Arts reserve the right to dismiss a student from a major following notification that their standing in the major is in jeopardy and the passage of a suitable amount of time permitted to address stated issues, typically one semester. Such dismissal may be based upon any of the following conditions: failure to maintain a satisfactory or minimum GPA; failure to sustain academic progress in the courses of the major; conduct in violation of the standards of the department or profession; failure to meet conditions or requirements as stated in university catalogs, The Student Code of Social Conduct, or the departmental handbook; or the student's general standing at Rider University. Such dismissal will become effective at the end of the semester in which the decision is reached. Students dismissed from Music Education are not permitted to enroll in Music Education courses until readmitted into the Music Education major.

Undergraduate Education Minimum Standards

Undergraduate education students are required to have a minimum 3.0 cumulative GPA by the time they register for student teaching and must receive a grade of 'C+' or higher in any Education course (a) that is specifically required for a major or minor in Education and (b) in which enrollment is limited to Education majors. It is the individual student's responsibility to retake any required education course in which a grade lower than 'C+' has been earned. Undergraduate education students will be permitted to undertake student teaching only if they have received 'C +' or higher in all required education courses and have a minimum 3.0 cumulative GPA. See the Undergraduate Education section below for further information.

The undergraduate education department also reviews the professional development of all students to ensure that they meet departmental standards for professional conduct and that they show promise of success in teaching. This review is in addition to the grade requirements listed above. Students must earn a passing score on all sections (reading, writing, math) of the Core Academic Skills for Educators Test before registering for any methods courses. This is an N.J. Department of Education rule that applies to all elementary, secondary and business education students.

Undergraduate music education majors are required to maintain a minimum 3.0 cumulative GPA in all courses taken at Rider University, must pass the sophomore portfolio to remain in good standing in the major, and must earn a passing score on all sections (reading, writing, math) of the Core Academic Skills for Educators Test.

All undergraduate education and music education students must present evidence of a passing score on the Praxis Content Area (Secondary) or Multi-Subject (Elementary) Assessment (formerly Praxis II) in their specialization area prior to the full time student teaching semester (by March 1 for those applying for full time student teaching in the fall semester and July 1 for those students applying for full time student teaching in the spring for Secondary Education and before registering for ELD 308/376 for Elementary Education). This is the same Praxis Content Area or Multi-subject Assessment (formerly Praxis II) students will need for certification.

As appropriate, students who fail to meet the undergraduate education department's standards will be counseled on ways to improve their performance or will be asked to leave the program.

Readmission after Academic Dismissal

Dismissed students seeking readmission must first contact the Registrar's Office (https://www.rider.edu/academics/academic-support-services/registrar/), Bart Luedeke Center, or the Associate Dean of Students Office, Bart Luedeke Center, to obtain appropriate forms. Once the Registrar or Associate Dean of Students or his/her designee approves the readmission application, the application is forwarded to the dean of the college to which the student seeks reentry. Students dismissed for academic reasons must submit with their readmission application a personal letter to the Academic Standing Committee which will make decisions concerning their readmission. They should also provide evidence, usually in the form of a transcript from another institution, of formal study and/or accomplishment. If possible, such work should have been done in specific areas of deficiency in the student's academic record.

Academically dismissed students must meet all academic requirements in place at the time of their readmission. Readmission will be dependent

upon various criteria including GPA, current academic progress, and the student's general standing. Students in the Westminster College of the Arts may be required to reapply or reaudition.

If readmission is granted, the student is placed on conditional academic standing until the cumulative GPA reaches a satisfactory level of at least 2.0. A readmitted student is responsible for curriculum requirements in effect at the time of readmission.

Academic Disability Policy

Rider University supports the protections available to students with disabilities under Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act as amended, and the New Jersey Law Against Discrimination.

Student Accessibility and Support Services (https://www.rider.edu/academics/academic-support-services/student-accessibility-support-services/) (SASS) facilitates equal access to the programs and activities at Rider University for students with disabilities, as defined by the Americans with Disabilities Act (ADA).

Students must initiate contact with SASS in order to receive services and to arrange reasonable accommodations, course substitutions and auxiliary aids. Any Rider student who supplies SASS with appropriate documentation of a disability is eligible on a case-by-case basis for reasonable accommodations. Students with disabilities should contact SASS (Bart Luedeke Center, Suite 201, accessibility@rider.edu, 609-895-5492) to discuss available services and reasonable accommodations.

Only students with documented disabilities that prevent equal access to an academic course or program are entitled to reasonable accommodations, course substitutions and auxiliary aids. A reasonable accommodation is an accommodation that provides the student with equal access to the academic course or program, including all course or program materials, but does not impose an undue burden on the University or constitute a fundamental alteration to the course or program in question. Knowledge of the essential course and program standards resides primarily with the individual faculty member and/or the academic department.

SASS evaluates the disability documentation provided by the student from relevant, certifying providers. When the student's disability has been sufficiently documented and potential reasonable accommodations have been identified, SASS emails the Letter of Accommodation to the student and the professor. The professor is advised to respond that they have received the email. We encourage the student and professor to privately discuss the implementation of the academic accommodations.

If any such faculty member has concerns that the accommodations constitute a fundamental alteration to the course or program in question, that faculty member shall promptly contact SASS to initiate discussion and resolution of those concerns.

If the faculty member does not demonstrate to SASS that the accommodation constitutes a fundamental alteration of the course or program in question, the accommodation shall be put in place. If the faculty member demonstrates to SASS that the accommodation constitutes a fundamental alteration of the course or program in question, alternate accommodations, to the extent available, shall be made. If SASS and the faculty member are unable to mutually agree on this issue, they shall appeal it to the Provost or his/her designee, who shall hear both positions, review any necessary documents, and render a final decision.

If such an appeal is taken to the Provost or his/her designee, and the semester has already begun, the Provost or his/her designee shall determine at the outset of the appeal process whether or not the student will suffer an immediate negative impact, if the proposed accommodation is not yet in place. If the determination is that the student will suffer such an immediate negative impact, then the proposed accommodation will be put into place pending resolution of the appeal. If no such immediate negative impact is apparent, the proposed accommodation will be withheld, pending resolution of the appeal. In either case, the Provost or his/her designee will make every reasonable effort to render his/her decision within four working days of the initiation of the appeal.

This policy is designed to ensure the University's compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act as amended and the New Jersey Law Against Discrimination, and to enable every Rider student with a disability to enjoy an equal opportunity to achieve his/her full potential while attending this University.

Academic Load/Overload

The normal maximum academic load for undergraduate students shall not exceed 17 semester credit hours per semester, except that the normal maximum academic load for Westminster Choir College students shall not exceed 18 semester credit hours per semester. Permission to exceed these loads must be obtained from the students' academic dean's office.

Westminster Choir College students may exceed the normal maximum academic load after passing 24 semester credit hours and attaining a cumulative grade point average of 3.0 or higher. All other students may exceed the normal maximum academic load after passing 45 semester credit hours and attaining a cumulative grade point average of 3.0 or higher.

Students who exceed the normal load are required to pay an overload per credit fee for each credit over 18, except in the case of non-billable hours.

Students on Conditional Academic Standing may not register for an academic overload.

Students may enroll for a maximum of 14 credits during Summer I and II combined with no more than 7 credits in any combination of I sessions or II sessions. These maximums may be exceeded only with the permission of the student's academic dean.

Students should understand that for every hour spent in class, they are expected to spend two to three hours studying outside of class time, and should therefore plan their academic load accordingly. Study time may vary based on the student's background knowledge and class difficulty.

Academic Programs

The Academic Programs A to Z Chart (p. 14) lists Rider University's majors, minors and certificates alphabetically, along with the college or school (p. 16) that grants each degree, major, minor and certificate. The following definitions explain the difference between majors, minors, tracks, concentrations, and emphases:

Major	An organized group of courses ranging from introductory through advanced levels. Typically most if not all courses are in a single primary area of study, although some majors include study in multiple disciplines. Undergraduate majors require between 18 and 90 credits, depending upon the liberal arts or professional focus. Graduate majors require between 30 and 45 credits. Entrance into some majors may require prerequisites, portfolios, auditions, or other forms of assessment. Upon completion of all requirements, the major is listed on the official transcript.
Minor	An organized group of courses, typically involving introductory through intermediate levels. While most minors are in a single discipline, Rider University offers several interdisciplinary minors, such as Law and Justice, and Sustainability Studies. Minors are offered at only the undergraduate level, and require between 15-33 credits. Some departments have restrictions on the connection between major and minor options. Entrance into some minors may require prerequisites, portfolios, auditions, or other forms of assessment. Upon completion of all requirements, the minor is listed on the official transcript.
Track	A choice of specialty within a degree, tracks comprise an organized group of courses serving a particular focus within a major. In undergraduate and graduate majors that represent multiple disciplines, tracks indicate a particular disciplinary focus. In a single discipline major with tracks, each track represents a singular focus, often representing a liberal arts or professional path. In some cases, a track represents a sub-specialization within the major field. Entrance into some tracks, particularly those that represent a particular disciplinary focus, may require prerequisites, portfolios, auditions, or other forms of assessment. Tracks require between 21 and 52 credits. Upon completion of all requirements, the track is listed on the official transcript along with the major field of study.
Concentration	Concentrations, such as for the Finance Major or Supply Chain Analytics, represent a specialty or focus within an undergraduate or graduate major field of study. Typically, a concentration unites courses around content or a particular theme. Concentration requirements are a portion of a major, not the entire major itself. In some cases, concentrations refer to an interdisciplinary combination. Entrance into some concentrations may require prerequisites, portfolios, auditions, or other forms of assessment. Undergraduate concentrations require between 9 and 36 credits; graduate concentrations range from 9 to 18 credits. Upon completion of all requirements, the concentration is listed on the official transcript along with the major field of study.
Emphasis	Typically an organized group of courses in a single discipline, the emphasis represents a subset of credits within an undergraduate or graduate major. The emphasis provides a coherent focus of study within a discipline, which may or not be in the major field. Typically an emphasis represents less than a third of the total major credits, mostly ranging from 15 to 19 credits. Entrance into some areas of emphasis may require prerequisites, portfolios, auditions, or other forms of assessment. Upon completion of all requirements, the emphasis is listed on the official transcript along with the major field of study.

Academic Records

Academic Records are retained for varying periods of time depending on record type pursuant to University policy. Records may be kept longer at the sole discretion of the University.

Access to student academic and other records may be accorded to Rider personnel with a legitimate educational interest in the records. Information may be released to other agencies and individuals according to these policies in compliance with the Family Educational Rights and Privacy Act (FERPA) of 1974 (as amended):

- Rider may release the following information without written permission from the student: fact of enrollment, dates of enrollment, degree candidacy, degree awarded, and major field.
- Rider may release the following information unless the student has requested in writing by the end of the second week of classes each semester that the information not be released: name, email, home and local address, and home and local telephone number, participation on athletic teams and organizations, dates of attendance and honors and awards received.

No other information concerning a student will be released without that student's written permission.

Students having a complaint or question regarding FERPA may write to: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-8520 or visit www.ed.gov/answers (https://www.ed.gov/answers/).

Students may request to view their academic record by making an appointment with the appropriate dean's office.

Accompanying Costs for Voice Students

Any student studying individual voice at Rider University should expect, in most cases, to hire an accompanist. Students enrolled in voice study and/or who are registered for a recital will be automatically charged the university accompanist fee and may opt out of the fee and program if they choose to provide their own accompanist. The per-semester fee is not refundable in any part should a student discontinues voice study or decides to seek out another accompanist. In addition, all voice students are charged a non-refundable studio fee to cover accompanist costs for studio classes and auditions. For additional information, see Tuition and Fees on Rider's website: https://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees (https://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees/) .

Advanced Placement (AP) Credit

Students who have taken an AP exam may submit official scores to obtain credit. For a complete listing of courses, credits and other information, see AP Credits at https://www.rider.edu/admissions/first-year/how-to-apply/college-credit/ap (https://www.rider.edu/admissions/first-year/how-to-apply/college-credit/ap/)

Applied Music - Westminster Choir College

Individual applied music lessons for academic credit are available to all Rider University students with prior experience, regardless of major. Lessons are available in brass, composition, conducting, guitar/bass, harpsichord, organ, percussion, piano, strings, woodwinds, and voice. For all students whose major or minor program does not require applied music lessons, and for those students who have completed the applied music requirements for their degree program, fees for this elective (non-required) study will apply. Elective lessons are provided on a space-available basis. All part-time students are charged an applied music fee.

Students may earn 1 or 2 credits per semester, with the exception of graduate applied composition courses, which carry 3 credits per semester. Each fall, spring or summer applied course consists of twelve private lessons, or the equivalent instructional time, and may require participation in studio classes, performance classes, and/or an end-of-semester jury or performance review. Applied lessons completed during the January term follow specific departmental requirements regarding instructional time.

All applied music students must observe departmental applied requirements listed in the catalog and in department handbooks.

Applied lesson fees are described in the Tuition and Fees section of Rider's website (https://www.rider.edu/tuition-aid/tuition-fees/undergraduate/).

All applied music students must observe departmental applied requirements listed elsewhere in this catalog and in department handbooks. Students for whom applied music lessons are not required may register for lessons on a space-available basis. Interested students should consult the Associate Dean.

Applied lesson fees are described on the Undergraduate Tuition and Fees (http://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees/) section of Rider's website (https://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees (https://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees/)).

Effective as of the fall 2009 semester for all new or readmitted Rider University students, for all students whose major or minor program does not require applied music study, or for those students who have completed applied music requirements, elective fees will apply. All part-time students are charged an applied music fee.

Registration for applied music study follows this table of suffixes. Students will register for the appropriate course number and suffix, as indicated in the curriculum pages found elsewhere in this catalog.

Full-time Students

A – One-hour, 2-credit required lesson. Included in tuition – no extra charge.

- Theatre, Dance and Performing Arts example: Musical Theatre major
- Westminster Choir College example: All undergraduate majors

B – Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

- Theatre, Dance and Performing Arts example: Popular Music Culture, up to 3 semesters
- Westminster Choir College example: Theory/Composition major (half-hour voice or keyboard lesson)

C – One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

- For students who have completed all required lessons in their major, or students whose major does not require lessons.

D – Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

- For students who have completed all required lessons in their major or students whose major does not require lessons.

G – One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

- Theatre, Dance and Performing Arts example: Popular Music Culture, up to 3 semesters
- Westminster Choir College example: Theory/Composition major (full-hour voice or keyboard lesson)

Part-time Students

(all part-time students regardless of major or requirements)

- Suffix E – One-hour, 2-credit required or elective lesson – fee charged per semester
- Suffix F – Half-hour, 1-credit required or elective lesson – fee charged per semester

Change of Applied Teacher

Students wishing to change their applied lesson teacher must make a request to the chair of the appropriate department. Any change requested after the beginning of a semester will require the permission of both applied lesson teachers and the department chair. If either applied lesson teacher is the department chair, permission of the Associate Dean also is required.

Change of Major or Applied Primary Area

Students wishing to change their major or the applied primary instrument they play must complete the appropriate form. Permission of the old and new major department is required.

Class Attendance/Absence

It is the prerogative as well as the responsibility of each faculty member to establish a clear policy for each course of instruction in regard to the nature and extent of student participation that will be expected and required.

The effect of absences upon the student's standing in a particular class will be left to the determination of the instructor of the course. However, it

is expected that faculty members will be fair and reasonable concerning validated absences due to field trips, practicum, religious observance, participation in varsity athletics, placement interviews for graduating seniors, Westminster Choir College and School of Communication, Media and Performing Arts rehearsals or performances, and illnesses sufficiently serious to be certified by either the University Health Center or the student's physician. The faculty member should consult with the Dean of Students in instances where doubts arise regarding the course to follow in evaluating student absences.

It is the student's responsibility to inform instructors of the nature and extent of an actual or anticipated absence. If that is impossible, or if the absence is or will be more than three (3) consecutive class sessions or longer than seven [7] calendar days, the student should contact the Office of the Dean of Students at 609-896-5101. Then, the dean's office will notify the appropriate faculty member.

Class Cancellation/Excused Absence Policy - School of Westminster Choir College

During run-outs involving Westminster ensembles, private lessons for those students not involved in the run-out continue to meet. When a college-sponsored performance necessitates that 30% or more of the students in a class be absent, the class may be canceled at the discretion of the faculty member.

The dean will excuse individuals or groups of students who are participating in college-sponsored events. Only students registered for the class or ensemble participating in an activity will be excused from class. Students excused from class(es) under these circumstances remain responsible for all class work.

Class Cancellation

In most cases, Rider will remain open and fully operational during inclement weather and other emergency situations. Under extreme circumstances, however, it may become necessary to cancel classes and other functions, close certain buildings or take other emergency actions.

If such circumstances should arise, notification will be made by phone call, text and/or email via RiderAlert, Rider's mass electronic messaging system. Students can update their information via the link: RiderAlert (http://www.rider.edu/rideralert/) (https://www.rider.edu/rideralert (https://www.rider.edu/rideralert/)).

Cancellations will also be announced online at www.rider.edu (https://www.rider.edu/) and on the Rider University information hotline at 609-219-2000, option 1.

College Level Examination Program (CLEP)

In certain cases, Rider University accepts credits earned through the College Level Examination Program (https://clep.collegeboard.org/) (CLEP). Students should consult with their academic dean to determine if credit may be awarded by CLEP. Typically, a minimum score of 50 is required on an individual examination. Generally, students may obtain CLEP credits prior to reaching Junior standing.

Commencement Requirements – Westminster Choir College

The academic year requirements of students in Westminster Choir College extend through the annual spring Chapel Service. All students enrolled in required ensembles (Chapel Choir, Schola Cantorum, Symphonic Choir) are required to participate in the service unless excused under extraordinary and unavoidable circumstances, such as serious illness. In particular, credit for spring semester choir participation is lost if a student does not attend and is not excused from the service. All other students are encouraged to participate in the Chapel Service.

Students singing in one of the choirs for the Chapel Service will be provided with a red choir robe for the ceremony.

Course Credits

Rider University maintains a 13-week semester, followed by five days of examinations.

Rider uses the true number of minutes per hour-long session; i.e., a one-hour meeting is actually 60 minutes. Three-credit classes meet for 60, 90, or 180 minutes, corresponding to, respectively and typically, 3, 2, or 1 meetings per week.

In the College of Arts and Sciences all performance courses receive credit:

- All ensembles receive 1 credit
- Other performance-based courses receive 1-3 credits
- A full-semester Student Teaching experience receives 12 credits
- Westminster Choir College students enrolled in CRC 100, PI 045, or TH 045 receive credit toward their semester course load, but such credits do not count toward graduation.

Applied music instruction receives 1-3 credits.

Course Level Numbering

Courses numbered below 100 are taught at pre-college level and carry no credit. Courses numbered at the 100- to 400-level carry only undergraduate credit. The course number indicates the anticipated audience for a course; 100 level courses are designed for freshmen, 200 level for sophomores, etc.

In Westminster Choir College:

1. Courses at the 500-level are open to undergraduate and graduate students. Undergraduate students who have earned at least 60 credits and a minimum cumulative GPA of 3.0 may enroll in a 600-level course upon permission of the instructor and the Associate Dean. Undergraduate students who have earned at least 90 credits and a minimum cumulative GPA of 3.8 may enroll in a 700-level course upon permission of the instructor, the Director of Graduate Studies and the Associate Dean.
2. Students with undergraduate status in the five-year B.M./M.M.E.. program may take graduate courses required in that curriculum at the 500- or 600-level. Students in the B.M./M.M.E. program may take required 700-level courses in the senior year or upon successfully completing 124 credits and the student teaching semester. Students in the B.M./M.M.E. program who have not attained graduate status may enroll in non-required 700-level courses according to the restrictions stated in the previous paragraph.
3. Special students who have completed a baccalaureate degree may apply for permission to take 600- or 700-level courses. Undergraduate students in the Baccalaureate Honors Program (BHP)

should see the Assistant Registrar regarding enrollment in graduate courses.

Courses – Adding, Dropping, Withdrawing, Repeating, Auditing

Timetables and deadlines given below pertain to fall and spring semesters. Students should consult the Registrar's website (http://www.rider.edu/academics/academic-support-resources/registrar/) for summer session and J-term winter session deadlines.

Adding Courses

Students may add courses through the first week of the regular semester at their own discretion provided the course is still open for registration.

Dropping Courses

Students may drop courses through the second week of the regular semester at their own discretion. In such cases, the courses are deleted from the student's record. After the second week of the semester, a withdrawal from the course is necessary and a 'W' is recorded on the transcript.

Course Withdrawals

Students may withdraw from courses and receive a grade of 'W' during the third through tenth weeks of the semester. The student's academic advisor and financial aid counselor will be notified of class withdrawals by email.

After the end of the tenth week of the semester, students may withdraw from courses and receive a grade of 'W' only for validated reasons of physical or psychological incapacity. Validated reasons of physical or psychological incapacity serve as justification for a student to withdraw from courses with a grade of 'W' at any time beyond the add/drop period. Reasons must be validated by the Dean of Students (https://www.rider.edu/about/offices-services/student-affairs/dean-of-students/info-for-students/medical-withdrawals-readmission/) and approved by the academic dean of the college in which the student is enrolled.

Students are required to notify Student Financial Services (https://www.rider.edu/tuition-aid/financial-aid/) when withdrawing from courses as these circumstances may impact financial aid eligibility.

Student-athletes are required to notify the Associate Director of Athletics for Compliance and Academic Support (athletics@rider.edu) or the Director of Athletics (harnum@rider.edu) prior to withdrawing from courses.

Students receiving veteran benefits must report such changes to the Registrar's Office (https://www.rider.edu/academics/academic-support/registrar/) immediately.

Course withdrawal forms are available on the Registrar's Office (https://www.rider.edu/academics/academic-support/registrar/) website.

Withdrawal policies during special sessions (summer session, J-term) observe time limits proportional to the time limits of a regular semester.

Repeating Courses

Students may request permission from the academic dean to repeat a course to earn a better grade provided that the course is one that cannot be repeated for additional credit (e.g., applied music lessons, acting courses, coaching, ensembles and productions, stagecraft, studio dance, and other related classes). The grade first earned will remain on the transcript but only the latest grade will be used in computing grade point average and determining whether or not degree requirements have been met.

Students who fail a required course must repeat the course until a passing grade is received. Students do not have to repeat a failed elective but must pass another acceptable elective of comparable credit in order to meet graduation requirements.

Students receiving financial aid should consult with Student Financial Services (https://www.rider.edu/tuition-aid/financial-aid/) before repeating a course already passed to determine the possible impact upon the student's continuing eligibility for financial aid.

Auditing Courses

Students who want to attend classes without taking examinations or receiving grades may audit courses subject to space availability and the permission of the instructor. No credit is earned for an audited course. Transcripts will record an audit with the notation of 'AU.'

Performance-based courses cannot be audited (e.g., applied music lessons, acting courses, coaching, ensembles and productions, stagecraft, studio dance, and other related classes). For a complete list of performance-based classes, please contact the registrar's office.

The extent to which an auditor may take part in a course's activities is determined by the student and the instructor. In addition to the audit fee, students auditing a course carrying separate fees must pay all such required fees.

Students should apply and register through their dean's office and the Registrar (https://www.rider.edu/academics/academic-support/registrar/).

Students who register on an audit basis may not change from audit to credit during a semester, except during the add period. Students originally registered for credit may change to audit status during the add/drop period. Students should refer to the academic calendar (http://www.rider.edu/academics/academic-support-services/registrar/academic-calendars/) of each term (Spring, Summer, Fall, or JTerm) for specific add/drop dates. Students who have audited a course may take that same course for credit in a later semester at full tuition.

Credit by Examination

Credit for certain undergraduate courses may be earned by examination. Please see the chairperson of the department offering the course to determine if a course is available for credit by examination.

Dean's List

The **Dean's list** is prepared at the end of the fall and spring semesters to recognize students who have earned academic honors.

Eligibility for the Dean's list is as follows:

In the Norm Brodsky College of Business, College of Arts and Sciences, and College of Education and Human Services a student must be enrolled full-time, have no grade lower than "C" and must achieve a minimum semester grade point average of 3.50.

Degree Completion

Students who have not completed all requirements within 10 years of initial enrollment may be required to repeat courses and/or meet further requirements. Students for whom more than one year has elapsed since the date of last enrollment may be required to re-apply and/or re-audition for the program, and must meet all requirements in place at the time of their readmission.

Credits earned at another institution or through Westminster Continuing Education outside the 10 year period that commenced with initial enrollment in a degree program must be approved for transfer into that program by the department offering the degree.

Diploma Conferral

Diplomas are conferred four times each year: January, May, August, and December.

Students must submit a degree application form, available online via myRider (http://myrider.rider.edu) or in their academic dean's office, in order to be eligible to receive a diploma on any date. Students must apply for graduation by the deadlines established each year by the Registrar's Office. More information is available on the Commencement Candidates (https://www.rider.edu/academics/academic-support/registrar/commencement-candidates/) web page.

Diplomas are conferred only upon those who have met 100% of all degree requirements.

Double Major

Students wishing to pursue two majors within a college or school (or majors in different colleges or schools), each of which leads to the same baccalaureate degree (e.g., B.A. or B.M.) may do so provided they receive requisite approvals, satisfy the general education or core requirements for the degree they designate as primary, satisfy all of the major area requirements for each program, and satisfy all other requirements for each major. Upon completion of all requirements, the student will be awarded one degree but the transcript will indicate two majors.

Dual Degrees

Students wishing to pursue two majors within a college or school (or majors in different colleges or schools), each of which leads to a separate and distinct baccalaureate degree may do so provided they receive requisite approvals, satisfy all of the requirements for each major, and satisfy all other requirements for each degree. Upon completion of all requirements, the student will be awarded a second baccalaureate degree.

Employment Opportunities – Westminster Choir College

The University provides work opportunities both on and off campus. Students who demonstrate financial need as determined by the FAFSA are offered Federal Work Study in their award. Students who have no need are paid through a student employment budget. It is the responsibility of students to find their own jobs. All students are encouraged to apply for available employment opportunities. Bi-weekly paychecks are provided directly to students rather than to student accounts.

Weekend church positions: Many Westminster Choir College students are employed in area churches on a part-time basis as organists, directors, and singers.

Lawrenceville and the surrounding area provides many opportunities for part-time employment in local businesses.

Engaged Learning Program

Definition

"Engaged Learning" refers to activities in which students apply knowledge gained in educational settings beyond the classroom; delve further with independent scholarship and creative expression; broaden their horizons with study abroad or cross-cultural encounters; become problem solvers, leaders and team members in their communities; and prepare for professional and civic lives that make a difference. Rider's students are required to complete at least two high-impact Engaged Learning Experiences that reflect the University's strategic themes of leadership, ethics and social responsibility, and global and multicultural perspectives. Students are required to reflect upon how the experience impacted themselves and others in either a written short essay or in a structured group setting. These experiences will help students build bridges between their course of study and the world in which they live.

Requirements

All Rider University undergraduate students[1] are required to earn a minimum of six points, spread across at least two Engaged Learning categories. The six categories of Engaged Learning are:

1. Leadership and Mentoring
2. Study Abroad and Cultural Exploration
3. Guided Research and Scholarship
4. Civic and Community Engagement
5. Internship, Co-Op, and Field Work
6. Arts, Media and Creativity

[1]

Transfer students who bring fewer than 31 accepted credits to Rider and have Freshman status are required to earn six (6) Engaged Learning points which must be spread across two or more Engaged Learning categories. Transfer students who bring 31 or more accepted credits to Rider and have Sophomore, Junior or Senior status are required to earn three (3) Engaged Learning points in any one or more categories.

Earning Points

Academic courses

Credit bearing courses approved as Engaged Learning Experiences need not be submitted by students to earn points. Once a student completes a course that has been designated as Engaged Learning, points equal to the number of credits (up to a maximum of 3 points), will be automatically assigned by the Registrar's Office. The Registrar's Office will insert the course on the Engaged Learning Transcript. A full list of the eligible courses is available on the Engaged Learning Program (https://www.rider.edu/academics/engaged-learning/approved-courses/) webpage.

Experiences

When students engage in experiences that are not connected to academic courses, they must initiate the review and approval process themselves. Forms for student submissions of eligible experiences are available in BroncNation (https://broncnation.rider.edu/), the student

engagement platform. Instructions for completing the forms, submission guidelines, and a list of many eligible experiences are available on the Engaged Learning Program (https://www.rider.edu/academics/engaged-learning/co-curricular-experiences/) website.

Submitted experiences will be reviewed by designated approvers and, upon approval, will be reported to the Registrar by the end of each semester to be listed on the student's Engaged Learning Transcript. For experiences not approved, students may appeal to their academic dean.

Contact

Ms. Sandra Ober
Engaged Learning Coordinator
Moore Library, Suite 120
609-896-5000 Ext. 7055
engagedlearning@rider.edu

Ensembles/Productions - Attire and Registration

Attire

Students must purchase official ensemble attire for choirs in which they are enrolled. Freshman/transfer students in Westminster Choir College must be fitted during orientation and purchase a red robe which will be charged to their student account by the Bursar's Office.

Registration

Students participating in music ensembles or artistic productions must be registered for the course that accompanies that activity. It is the responsibility of the student to ensure proper registration in the appropriate course. Excused absences are granted only to registered students.

Each semester, the official personnel roster for each ensemble will be finalized for that semester at the end of the schedule adjustment period, typically two weeks after the first day of classes.

Freshman class eligibility for non-required ensembles or productions is determined by the appropriate department/program/applied area, with the approval of the appropriate Academic Policy Committee.

Full-Time Tuition Inclusion

Department of Performing Arts Students

Full-time tuition charges are incurred by students who enroll for credit loads, including credit equivalents for non-credit and audited courses, which fall within the ranges indicated below. Further charges are incurred when full-time students exceed maximum load levels, excluding recital credits or participation in auditioned choirs or productions for Department of Performing Arts majors.

For Department of Performing Arts students, full undergraduate tuition includes:

1. A minimum of 12 and maximum of 18 credits per semester or the equivalent including non-credit courses.
2. Primary applied music study (p. 1584) to the maximum required credits/semesters.
3. Applied dance study to the maximum required credits/semesters. (see below)
4. Once all applied music or dance requirements have been completed, all additional lessons or courses will be billed at the elective rate.
5. Music students in double major programs with two different primary instruments will be billed for the second applied lesson at the elective rate.

Please see the table of applied lesson suffixes in the "Applied Music (p. 1584)" section in the Undergraduate Academic Policies section of this catalog. Registration for the incorrect suffix may result in an incorrect bill.

Westminster Choir College Students

Full-time tuition charges are incurred by students who enroll for credit loads, including credit equivalents for non-credit and audited courses, which fall within the ranges indicated below. Further charges are incurred when full-time students exceed maximum load levels, excluding VC 593 or participation in auditioned choirs.

Please see the Tuition and Fees Table (https://www.rider.edu/tuition-aid/tuition-fees/undergraduate/) for elective and part-time charges for elective music and dance study.

Full undergraduate tuition includes:

A minimum of 12 and maximum of 18 credits per semester or the equivalent including non-credit courses. Exception: during the senior student teaching semester for Music Education majors, full-time tuition covers only the course ME 492. For primary applied music study, one hour per week of applied music instruction each semester, except during the student teaching semester for Music Education majors or a full-time (12 cr) internship semester for Bachelor of Arts in Music majors. Composition majors receive one hour per week of private composition instruction and one half-hour per week of either private voice or private keyboard instruction. Once all applied requirements have been completed, all additional applied lessons will be billed at the elective rate. Students in double major programs with two different primary instruments will be billed for the second applied lesson at the elective rate. Any non-required private lesson will be billed at the elective rate.

Please see the table of applied lesson suffixes in the Applied Music (p. 1584) section in the Undergraduate Academic Policies section of this catalog. Registration for the incorrect suffix may result in an incorrect bill.

Grades: Grade Reports, Grade Point Average, Incomplete Grades, Grade Appeals

- Grade Reports (p. 1588)
- Grade Point Average (GPA) (p. 1589)
- Incomplete Grades (p. 1589)
- Grade Appeals (p. 1590)

Grade Reports

Members of the faculty are officers of instruction at Rider University. Among their responsibilities as such is the evaluation of students' academic accomplishments in courses of instruction. These evaluations ultimately are expressed in grades that are recorded in the students' academic record. Members of the faculty, judging the competencies and performances of students, assign grades based on their professional experience and training. Grades assigned by the faculty follow practices

and procedures within the standards established by Rider and within the standards established by individual course requirements.

Letter grades are used at Rider University for recording faculty evaluations of final student achievement in individual courses and are entered on the permanent academic record of a student's academic performance.

The academic grades used by faculty for recording evaluations of student achievement are as follows. For determining grade point averages (GPAs), grades have weighted values called variously honor points, quality points, or grade points as follows:

Letter Grade	Grade Point Value
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D	1.0
F *	0.0

* Failing academic work; fail to abide by standards of academic honesty and integrity; unauthorized withdrawal, and fail to complete work in prescribed time.)

Each instructor of a course will inform the student of the course objectives, procedures, and applicable grading standards. Upon a student's written request, members of the faculty will provide a review of the student's course standing at least once each term by the mid-point of that term. Each student may also review material submitted to the instructor for evaluation such as papers, examinations, and the like. In these ways, students will be able to assess their own progress in a course before final grades are assigned.

NOTE: Faculty members are not required to maintain student course materials more than four months after the end of an academic term.

A student grade report may also show the following transcript notations, which carry no grade point value:

Transcript Notation	Explanation
I	Incomplete
L	Late grade
N *	Registered; did not attend
AU	Audit
P	Pass
S	Satisfactory progress
U	Failure in pass/fail course
W *	Withdrawal
Y	Satisfactory completion of supplemental education course
Z	Insufficient progress in supplemental education course
NCR	No credit

* "N" and "W" notations are included in the total semester hours attempted, as far as tuition payment is concerned.

Grade Point Average (GPA)

Grade point averages (GPA) are used to establish academic standing. In order to compute the grade point average, students must first determine the number of quality points earned for each course. The total number of quality points for a course is derived by multiplying the number of credits for the course by the number of quality points for each letter grade. The grade point average (GPA) is determined by dividing the number of quality points by the number of GPA hours.

Incomplete Grades

Students who, as a result of extenuating circumstances, are unable to complete the required work of a course within the term, may request an extension of time from a faculty member. Such extensions of time can be granted only in cases in which illness or another serious emergency has prevented the student from completing the course requirements or from taking a final examination. The request for extension of time must be made prior to the last scheduled class meeting, except in those unusual situations in which prior notification is impossible.

The faculty member shall determine whether to grant the request for a time extension and the type of verification (if any) required to support the request. The faculty member shall specify the time, up to four weeks from the last day of the term, as specified in the academic calendar, by which work must be completed by the student. If the faculty member does agree to the request, the notation "I" (Incomplete) shall be submitted on the grade roll. In those situations where the faculty member has not received a request for an extension of time, the notation "I" (Incomplete) may be submitted on the grade roll by the faculty member when, in his or her judgment, such a determination appears justified. Upon submission of completed required work the faculty member shall submit a Change of Grade form to the Registrar.

Students who, as a result of extenuating circumstances, are unable to submit the completed required work at the end of the four-week period may request an extension of the incomplete grade. The request for an extension of the incomplete must be made prior to the expiration of the four-week period. If the faculty member agrees to the request for an extension of the incomplete, the faculty member shall specify the time, up to a maximum of two weeks from the date of expiration of the four-week period (i.e., six weeks from the last day of the term) by which work must be completed by the student and shall submit an Extension of Incomplete form to the Registrar.

Upon submission of completed required work, the faculty member shall submit a Change of Grade form to the Registrar and assign the course grade. Failure of the Registrar to receive from the faculty member a Change of Grade form or an Extension of Incomplete form at the end of the four-week period, or a Change of Grade form at the end of the six-week period shall result in the automatic assignment of the grade "F," "Z," or "U" by the Registrar.

Students who receive an incomplete in a course that is part of a course sequence must obtain permission from the department chairperson to remain enrolled in the next course in the sequence or they will be removed from that next course.

Grade Appeals

Basis for Grade Appeal

A final course grade may be changed only at the initiative of the faculty member who originally assigned the grade or as the result of a decision made in the hearing of a grade appeal by the Faculty Grade Review Panel. It is assumed that the final course grade is assigned in good faith and based on the professional expertise of the faculty member.

A student may appeal a final course grade only on the grounds that it represents an arbitrary, capricious, and/or unreasonable evaluation of his or her performance.

A grade appeal may not be based on a disagreement with the faculty member's professional academic evaluation of the student's work. The burden of proof rests with the student. A grade appeal shall be supported only when a student convincingly demonstrates that an arbitrary, capricious, and/or unreasonable evaluation occurred. Changes and appeals for grades on written comprehensive graduate examinations are subject to the same requirements and procedures as course grades.

The Faculty Grade Review Panel may return appeals to department chairs when such individuals have not discharged their responsibilities during the appeals process; may decline to hear an appeal when there is insufficient documentation of arbitrary, capricious and/or unreasonable grading; and shall decline an appeal if it is based on failure to accommodate a disability covered by the University Disability Policy.

Faculty Grade Review Panel

The Faculty Grade Review Panel has final authority concerning all grade appeal questions. **The panel consists of the following nine members:**

1. Six tenured faculty members including one tenured faculty member elected by the bargaining unit members of each of the five college/school academic policy committees and one selected by the bargaining unit members of the University Academic Policy Committee, who shall serve as chairperson of the panel;
2. A seventh faculty member selected jointly by the Provost and Vice President for Academic Affairs and the academic deans;
3. Two full-time students selected by the Student Government Association who, at the time of their service, must be seniors who have attained a grade point average of at least 3.25.

Each of the above appointing groups shall also designate an alternate for each member they appoint to the panel. Faculty members of the panel shall serve two-year terms and may be reappointed.

A quorum of the Faculty Grade Review Panel shall consist of any five members. The failure or inability of any appointing body to fulfill its responsibility to appoint any member or members to the panel shall not prevent the panel from organizing itself and exercising its duties.

The chairperson of the panel will serve as the hearing coordinator and has the following duties and responsibilities:

1. Inform the members of the panel that a grade appeal has been received and set a date for the hearing,
2. Distribute documentary materials pertaining to the appeal to members of the panel,
3. Maintain a permanent record of the panel's proceedings,
4. Prepare and distribute any decision made by the panel to the appropriate parties.

Prior to Initiating a Grade Appeal

A student who believes that his or her final course grade represents an arbitrary, capricious, and/or unreasonable evaluation of his or her work is strongly encouraged to talk with the faculty member in an effort to resolve the issue before filing a formal grade appeal. However, it must be emphasized that this informal discussion does not constitute the initiation of a grade appeal and does not extend the time limits specified in the next paragraph.

Initiating a Grade Appeal

To initiate a grade appeal, the student must forward a letter to the faculty member which clearly and precisely describes the student's reasons for believing that the final course grade constitutes an arbitrary, capricious, and/or unreasonable evaluation of his or her performance. A copy of this letter shall also be sent to the faculty member's department chairperson. (If the faculty member taught the relevant course in another department, the letter shall be sent to the chair of that other department. If the relevant course is in a program and is not cross-listed, the letter shall be sent to the chair of the program director's home department.)

For appeal of fall semester grades, the letter must be postmarked or hand-delivered within seven (7) days of the start of the upcoming spring semester. For appeal of spring semester grades, it must be postmarked or hand-delivered within thirty (30) days of the last regularly scheduled spring semester examination. For appeal of summer grades, it must be postmarked or hand-delivered within seven (7) days of the start of the upcoming fall semester. For appeal of grades on written comprehensive graduate examinations, it must be postmarked or hand-delivered within thirty (30) days of the date that grades were issued for the examination.

If a change of grade occurs after the aforementioned deadlines, the grade appeal must be filed within thirty (30) days of the submission of the changed grade to the registrar.

If the faculty member who assigned the grade in question is no longer at Rider or is away from Rider on an extended basis and not available for consultation, the initial review shall be conducted by the appropriate department chairperson, and the schedule may be extended at the appropriate dean's discretion.

If the faculty member who assigned the grade in question is the department chairperson, the chairperson's dean or that dean's designee shall replace the chairperson in all the procedures that follow.

Failure to submit a written statement of the appeal within the time guidelines established above shall constitute grounds for denying a student access to the grade appeal process. Failure to provide a clear and precise statement shall constitute grounds for denying the appeal at any step in the process. Once a grade appeal is initiated, the basis of all subsequent proceedings must be limited to the allegations appearing in the initial written statement. This limitation does not exclude the introduction of new evidence directly related to the initial allegations.

The chairperson of the Faculty Grade Review Panel, upon written request of any party, may extend any deadline contained in this policy if he or she believes that circumstances beyond the control of a party to the appeal have prevented compliance with stated deadlines. The decision of the panel chairperson to extend or not to extend a deadline shall not be subject to appeal.

The Grade Appeal Process

Step One
In the letter of appeal, the student may request a formal meeting with the faculty member. If the faculty member agrees to such a meeting, the meeting shall be held no later than fourteen (14) days after the beginning of the fall or spring semester following the semester or session in which the grade was given. However, the parties are encouraged to schedule such a meeting at an earlier date if mutually convenient.

The faculty member shall render a decision on the appeal within seven (7) days of such a meeting and shall notify the student and the department chairperson in writing of the decision. If the faculty member agrees to change the final course grade of the student, he or she shall submit a Change of Grade form to the Registrar.

If the faculty member believes that a meeting with the student would not be productive, he or she shall make a decision on the appeal based on the student's letter and shall communicate the decision in writing to the student and the department chairperson within fourteen (14) days of the beginning of the fall or spring semester following the semester or session in which the grade was given.

If the student accepts the decision of the faculty member at Step One, no further action is required. If the student does not accept the faculty member's decision at Step One, he or she may appeal the decision to Step Two in writing to the department chairperson with a copy to the faculty member's dean. This letter must be postmarked or hand-delivered within seven (7) days of the postmark date of the faculty member's Step One decision.

If the student does not receive a written response from the faculty member or department chairperson within fourteen (14) days of the beginning of the fall or spring semester following the semester or session in which the grade was given, the student may, within twenty-one (21) days of the beginning of that semester, proceed to Step Two as indicated below. All such written responses shall be mailed to the student's campus address, if the student resides on campus, or otherwise to the student's home address on record.

Step Two
Within fourteen (14) days of the receipt of a student's letter of appeal to Step Two, the department chairperson shall schedule a meeting with the student and the faculty member. At such meeting, the student and the faculty member will have the opportunity to explain their positions with respect to the grade in question, but they shall be limited to the allegations raised in the student's initial written statement.

The department chairperson shall render an opinion on the matter within seven (7) days of the Step Two meeting and shall provide explanatory language for this opinion in writing to the student, the faculty member and the faculty member's dean.

If the department chairperson's opinion supports the position of the faculty member, the student shall have seven (7) days from the postmark date of the letter from the department chairperson to continue his or her appeal to the Faculty Grade Review Panel as described in Step Three.

If the department chairperson's opinion supports the student's position in the appeal, the faculty member shall have seven (7) days from the postmark date of the department chairperson's letter opinion either to accept that opinion and submit a Change of Grade form to the registrar, or to reject the opinion and notify the student, department chairperson, and faculty member's dean that the faculty member is making an appeal pursuant to the Step Three process.

If the student does not receive notification of a change of grade within twenty-one (21) days of the date of the department chairperson's written decision, the student may carry the appeal to Step Three.

Step Three
To carry the appeal to Step Three, the student must submit a letter expressing that intent to the chairperson of the Faculty Grade Review Panel with copies to the faculty member, the department chairperson, the dean, and the Provost and Vice President for Academic Affairs.

Within seven (7) days (excluding vacation and examination periods) of the receipt of this letter, or the letter from the faculty member who has appealed, whichever the case may be, the chairperson of the Faculty Grade Review Panel shall schedule a meeting of the panel to consider the appeal.

The student and the faculty member shall have the right to appear before the panel to present information pertaining to the allegations made in the student's initial written statement.

The Faculty Grade Review Panel may, if it deems it desirable, request attendance by the chairperson, the dean, and/or any other representatives of the University. Attorneys or advisors to the participants may attend but not participate in the meeting of the panel.

The unwillingness of the faculty member or student to appear before the panel shall not prevent the panel from proceeding with its deliberations. In those deliberations, the panel shall have access to written documents pertaining to the appeal, pertinent records of student performance, and such verbal presentations as may be made during panel deliberations.

On the basis of careful consideration of the available information, the Faculty Grade Review Panel will determine if an arbitrary, capricious, and/or unreasonable evaluation of the student's performance has occurred. This determination will be made in writing and provided to all affected parties.

If the panel determines that no such action occurred, the case will be closed with no further right of appeal. If the panel determines that an arbitrary, capricious, and/or unreasonable evaluation has occurred, it will direct the faculty member's department (or will establish an evaluation committee of faculty members in the field of the course offered) to re-evaluate the student's performance based upon the panel's decision, the records and documentary materials.

Within fourteen (14) days of the receipt of the panel's directive, the department or evaluation committee shall recommend to the panel a grade that it deems appropriate, whether higher than, lower than, or the same as the original grade. Normally, the panel will accept the revised evaluation by the department or committee and will subsequently notify the Registrar of any change of grade. Should the panel feel that the department or committee has not conducted its review in an appropriate manner and that, as a result, the suggested substitute grade is not appropriate, it shall have the authority to direct the Registrar to enter the grade that the panel judges appropriate.

Decisions of the panel are not subject to further appeal. The panel may also return appeals to department chairs when such individuals have not discharged their responsibilities during the appeals process, or when there is insufficient documentation of arbitrary, capricious and/or unreasonable grading. The panel shall decline an appeal if it is based on

failure to accommodate a disability covered by the University Disability Policy.

Expediting a Grade Appeal

When a student's graduation is affected by the outcome of a grade appeal in a semester, term, or session immediately preceding such graduation, faculty members shall make reasonable efforts to expedite the process.

Grade Changes Made at Initiative of Faculty Member

The individual faculty member may determine that it is appropriate to change a recorded academic grade. Such changes must be made within four (4) months of the date that the original grade was assigned. Any change of grade initiated by a faculty member more than four (4) months after the date the original grade was assigned must be approved by the faculty member's dean. Faculty members, using the online form on the myRider Faculty Tab, will prepare a written change of grade stating the reasons for the grade change. Upon receipt of this form by the Office of the Registrar, the grade will be changed on the official records of the University.

Graduation with Honors

Graduation with distinction (sometimes referred to as Latin Honors) depends upon the achievement of exceptionally high scholastic averages and completion of all requirements. This distinction is reflected by the awarding of degrees cum laude, magna cum laude, and summa cum laude. All grade point averages are computed on work completed at Rider University only.

For all college degrees, graduation with Latin Honors is awarded on the following basis:

Summa cum laude	3.7455 - 4.00
Magna cum laude	3.4955 - 3.7454
Cum laude	3.2455 - 3.4954

For Westminster Choir College degrees, graduation with Latin Honors is awarded on the following basis:

Summa cum laude	3.80 - 4.00
Magna cum laude	3.60 - 3.79
Cum laude	3.40 - 3.59

Note: Rider calculates GPA to four decimal points for Latin Honors.

Health and Safety– Westminster Choir college, and Communication, Media and Performing Arts

Westminster Choir College and School of Communication, Media and Performing Arts wish to inform students and faculty of health and safety issues, hazards, and procedures inherent in practice, performance, teaching, and listening, both in general and as applicable to their specific specializations. This includes but is not limited to information regarding hearing, vocal and musculoskeletal health, injury prevention, and the use, proper handling, and operation of potentially dangerous materials, equipment, and technology.

It is important to note that health and safety depend largely on personal decisions made by informed individuals. Rider University has health and safety responsibilities, but the fulfillment of these responsibilities cannot and will not ensure any individual's health and safety. Too many factors beyond the University's control are involved.

Each individual is personally responsible for avoiding risk and preventing injuries to themselves before, during, and after study or employment at Rider University. The policies, protocols, and operational procedures developed do not alter or cancel any individual's personal responsibility, or in any way shift personal responsibility for the results of any individual's personal decisions or actions in any instance or over time, to the University.

All members of the Westminster Choir College and School of Communication, Media and Performing Arts community are encouraged to visit Health and Safety Recommendations (https://www.rider.edu/student-life/health-wellness/student-health-services/health-education-updates/recommendations-sfps-wcc-students/) on Rider's website for a series of recommendations and resources designed to help each individual to become aware of and attend to various issues.

Independent Study

In order to challenge students with exceptional talents and interests and to provide opportunities for individual study and research, independent study is available for credit to qualified students under the terms stated below. Each project must be directed by a Rider University faculty member.

The advisor-student relationship is one of mutual agreement between the faculty member and the student. The choice of project is limited primarily by the availability of an advisor who has some knowledge and interest in the field. Application forms are available in the office of the dean of the student's college or school.

The following policies apply to independent study courses:

1. Students must be a junior or senior in good academic standing with a cumulative grade point average of 3.00 or better.
2. Approval for an independent study course must be secured in writing, normally during the term prior to that in which the study will be carried out, but in any case in advance of the first day of classes of the applicable term. All proposals must be approved by the faculty/advisor, department chair, and by the office of the instructor's dean and the office of the student's dean. Upon approval, the student must enroll by the end of the third week of class.
3. A student may not enroll for more than one independent study course per term. Courses usually carry one to four credits, with a maximum of six allowable in special cases involving a full year of work.
4. A maximum of 18 credits may be earned in all independent study courses.
5. A student is expected to earn a minimum grade of "B" in any independent study course, as assigned by the faculty advisor for the project. A grade of "B-" or lower may result in ineligibility for future independent study courses.

International Baccalaureate (IB) Credits

Incoming students may be granted up to 20 credits on the basis of their International Baccalaureate coursework. Credits are awarded for Higher Level IB courses based on the student receiving a score at or above the level approved by the department that evaluated the course (in no case less than a score of five).

In order to grant credit, Rider's Office of Undergraduate Admission must be sent an official IB transcript. For further information, please see International Baccalaureate (IB) Course Equivalency (https://www.rider.edu/admissions/first-year/requirements-deadlines/college-credit/ib-course-equivalency/)on Rider's website.

International Student Status

Federal regulations require that all F-1 and J-1 undergraduate and graduate international students maintain full-time status. International students may engage in one online course per mandatory term (fall and spring term) as long as they are enrolled in a full course load. Students may request part-time status under specified, limited circumstances, including during their final semester. Prior approval of the Office for International Education (https://www.rider.edu/academics/centers-institutes/office-of-international-education/) is required.

All international students do not need to comply with the above restrictions for summer course work.

Outside Activities – Westminster Choir College

Westminster Choir College students are expected to give priority to all officially scheduled classes, lessons, rehearsals, on- and off-campus performances (including tours), and other official functions involving music students. Outside activities, such as employment, church or volunteer work, or other professional engagements should not conflict with college requirements or those listed on course syllabi. Students employed outside of the college should inform employers of their commitment to their education and their obligation to college classes and ensembles.

Placement Testing Information

Mathematics (p. 1593)
Reading (p. 1593)

Math Placement Test

Placement in some Mathematics classes and all Management Sciences classes is based upon the Mathematics score on the SAT and/or a math placement test.

Norm Brodsky College of Business Students

- Students with a Math SAT score of 570 or ACT score of 23 or higher are placed in Quantitative Methods for Business (MSD 105). No placement test is required.
- Students with a Math SAT score of 560 or lower or ACT score of 22 or lower are required to take an online Math Placement Test prior to attending Orientation. Details on this placement test will be included in the Norm Brodsky College of Business Dean's Welcome Letter.

College of Arts and Science

Science and mathematics majors who were admitted test optional are required to take the math placement test. Students with test scores will be placed as follows.

- Students with an SAT Math score of 560 (of ACT Math score of 23) or below will be placed in MTH 100 and students with an SAT Math score of between 570 and 640 (ACT Math score between 24 and 27) will be placed into MTH 105.
- Students with an SAT Math score of 650 (ACT Math score of 28) and above will be placed into MTH 210 (http://catalog.rider.edu/search/?P=MTH%20210).

Students wishing to challenge these placements may take the math placement test.

Reading Placement

Students will be placed based in a reading course based upon the following criteria:

- Students who were admitted **test optional** will be placed according to High School GPA:
  - Students with a high school GPA below 3.11 will be placed into CRC 100: College Reading.
- Students using their **SAT EBRW score and High School GPA** will be placed as follows:
  - Students with an SAT EBRW score below 470 and who have a High School GPA below 3.4 will be placed into CRC 100.

Recital Scheduling Information – Westminster Choir College

Recital Scheduling – Westminster Choir College only

Recital scheduling occurs in two rounds:

1. Lottery: Two-week period in which students may request scheduling of required recitals. Requests are processed in random order. All students will receive an email with a link to the request form. Students will receive an email with their assigned recital date, time, and location within one to two weeks after the lottery closes.

2. Open request period during the semester. Please email Performance Management requests to schedule recitals. These requests are processed in the order received. All recital requests are subject to approval by the student's applied instructor.

Recital Spaces

Each recital hall has a standard recital configuration that will be set up prior to a recital. If the setup of the room is changed during a recital, it is the student's responsibility to return the room back to the standard configuration before leaving the space.

Recital Dates and Times Recitals are scheduled at 1:00 p.m., 3:00 p.m., 5:00 p.m., and 7:00 p.m. Recital reservations allow for 60 minutes of performance time plus 30 minutes before and 30 minutes after the recital.

Canceled Recitals

Contact Performance Management to cancel or postpone a recital. Students can only reschedule a recital after canceling the previous reservation. A request to reschedule a recital will be considered a cancellation of an existing reservation.

Recital Programs, Recording, and Documentation

Printed programs and recording arrangements for the recital performance are the responsibility of the performer.

Five archive copies of the recital program, formatted according to the Archive Program Guideline (sent with your recital confirmation email and available online), must be submitted to the Academic Coordinator no later than ten (10) days after the recital. Follow this link to view the program guidelines (https://www.rider.edu/sites/default/files/files/wcc_recital_program_guidelines.pdf).

Scheduling Dress Rehearsals Students may request up to 2 hours for a dress rehearsal in the recital space. Dress rehearsals will only be scheduled for confirmed recitals. Due to space limitations, the availability of space for dress rehearsals is not guaranteed.

After checking the availability of space on 25Live (login to myRider first, then click https://25live.collegenet.com/pro/rider#!/home/search/event/list (https://25live.collegenet.com/pro/rider/#!/home/search/event/list)), please submit requests for dress rehearsals directly to Performance Management. You will be notified with your confirmation when it is scheduled.

Receptions

It is the responsibility of the performer to make these arrangements.

Publicity

All recital publicity is the responsibility of the performer. On-campus posters must be stamped by the Office of Campus Life in the BLC and posted only on approved bulletin boards. Please contact the Office of Campus Life if you have questions about the posting policies.

Performance Management Contacts

Kristen Rodgers - Director of Performance Management - rodgersk@rider.edu
Leandra Acosta - Associate Director of Performance Management - acostal@rider.edu
Samuel Stephenson, Coordinator of Performance Management - stephensamu@rider.edu

Transfer Appeals

An appeal process for transfer course equivalency is open to students who have attended an accredited community college or four-year institution and have been admitted to a Rider degree program. *Course appeals will only be considered prior to the completion of the last 30 credits in the bachelor's degree.*

All communication regarding appeal[s] will be communicated to the student through Rider email.

The appeal process is as follows:

1. For each course being appealed the student should submit the following information/documentation:
   a. Program the student is pursuing
   b. Course[s] the student wishes to appeal (include course number, title and the name of the transfer institution)
   c. Supporting documentation [course syllabus, course work] to justify appeal[s]
   d. Desired outcome of appeal[s] [please check one]:
      - Substitution for a required course in the major, list course[s]: _____
      - Substitution for a required course in the minor, list course[s]: _____
      - Substitution for a core course, list course[s]: _____
      - Transfer as a general or free elective
      - Transfer as a business elective [CBA only], list discipline or course prefix (e.g. MKT, ECO) _____
      - Other: _____
2. All appeals must be submitted electronically through the student's Rider email address to their academic dean's office.

Transfer Credit While Currently Enrolled at Rider University

Students seeking permission to transfer credit from another accredited college after matriculating at Rider University:

- must complete an off-campus approval form at least 30 days in advance of the start of the proposed off-campus course, to be approved by the student's academic dean's office. If prior approval is not obtained, there is no guarantee that transfer credit will be granted.
- must have a cumulative grade point average of at least 2.00.
- may not be within the final 30 credits of the Rider baccalaureate degree program.

Baccalaureate degree-seeking students with 60 or less credits may enroll in courses in either two-year or four-year accredited postsecondary institutions for transfer to a program of study at Rider as long as prior approval is obtained as described above.

Baccalaureate degree-seeking students with more than 60 credits may only enroll in courses in four-year accredited postsecondary institutions for transfer to a program of study at Rider as long as prior approval is obtained as described above.

Upon the completion of 21 credits, students pursuing a two-year (A.A.) program will not be permitted to enroll in courses at other institutions for transfer to that program of study at Rider University.

Credit by transfer from other institutions may be applied toward baccalaureate degrees under these conditions:

1. An official transcript must be forwarded directly from the sending institution to the Registrar's Office.
2. A minimum grade of "C" or its equivalent is required for transfer of courses. Grades such as "pass" or "credit" are also acceptable. **Grades of "C-" or below are not acceptable.**
3. Courses taken 10 or more years prior to entering Rider University are subject to individual evaluation for contemporary transfer applicability.
4. Transfer credits are not associated with grades and are not included in grade point average calculation, except for courses taken at other colleges of Rider University.

Westminster Choir College Students:

1. Music courses are not transferable. Credit will be awarded, however, for all college-level music courses exempted by examinations, which are given only after a student has enrolled at Westminster.

Withdrawal from Rider University

Students should refer to the University website, https://www.rider.edu/academics/academic-support-services/registrar/withdrawals-and-readmission (https://www.rider.edu/academics/academic-support-services/registrar/withdrawals-and-readmission/) for information regarding the circumstances and procedures related to withdrawing from the University.

In addition, students should refer to Rider's website at http://www.rider.edu/offices-services/finaid/payments-billing-deposits/refunds (http://www.rider.edu/offices-services/finaid/payments-billing-deposits/refunds/) for refund and other related information as it concerns withdrawal from the University.

Graduate Academic Policies

Introduction

Graduate students must comply with the general requirements of Rider University concerning graduate study. Graduate students must demonstrate the ability to express their thoughts in writing and in speaking in clear, correct English for class reports, research papers, theses and examinations.

Graduate students should refer below for important information regarding Rider's graduate academic policies. In addition, academic policies specific to degree programs or certificates housed within each of the colleges/schools can be found in the Academic Catalog as per the list below.

Norm Brodsky College of Business (p. 1364)
College of Arts and Sciences
School of Humanities and Social Sciences (p. 1457)
School of Science, Technology, and Mathematics (p. 1457)
Westminster Choir College (p. 1607)
College of Education and Human Services (http://catalog.rider.edu/graduate/colleges-schools/education/education-leadership-counseling/)

Significance of Accepting Admission to Rider University

By the act of accepting admission to Rider University, students acknowledge and agree to the following:

1. that they will be bound by and comply with all University standards and policies, including but not limited to those standards and policies set forth in this catalog and in The Student Code of Social Conduct. (https://www.rider.edu/about/offices-services/community-standards/student-code-social-conduct/) **Primary and ultimate responsibility for knowing and conforming to these standards and policies and degree requirements resides with the individual student.**
2. that the ultimate authority to regulate and maintain order on the University campuses resides with the President and the Board of Trustees; and,
3. that the University retains ownership and the exclusive right to use any and all promotional, publicity, and entertainment products (including those produced as course requirements), creations, and activities engaged in by the student while at the University, including but not limited to photographs, television, audio and video recordings, motion pictures, artistic performances and presentations, internet/web-based productions and sales, and athletic events and all proceeds therefrom. The student has no right to any payment for participation therein.

Students further agree to execute any documents required to confirm or convey to the University all rights outlined in subpart (3) above.

Rider University's Right to Change Catalog Content

This Academic Catalog is not a contract nor is it an offer to enter into a contract. While every effort is made to ensure the accuracy of the information provided in this catalog, it must be understood that all policies and procedures (as well as courses, course descriptions, curricular and degree requirements and other academic information) described in this catalog are subject to change or elimination at any time without prior notice.

Primary and ultimate responsibility for knowing and conforming to the standards, policies and degree requirements outlined in the Academic Catalog resides with the individual student.

While every effort will be made to inform students of any changes as soon as is practical, students should consult the appropriate academic or administrative department, school, college, or other service provider for currently accurate information on any matters described in this catalog. Changes affecting degree requirements will take into account the applicability of the change to currently matriculated students.

Rider University also reserves the right to vary the policies and procedures in the Academic Catalog on a case-by-case basis, as fair and reasonable treatment of interested parties requires in the University's best judgment.

- Academic Concern, Conditional Standing/Dismissal and Readmission (p. 1596)
- Academic Disability Policy (p. 1597)
- Academic Records (p. 1598)
- Academic Load/Overload (p. 1598)
- Accompanying Costs for Voice Students (p. 1598)
- Applied Music - Westminster Choir College and School of Performing Arts (p. 1598)
- Class Attendance/Absence (p. 1599)
- Class Cancellation (p. 1600)
- Class Cancellation/Excused Absence Policy - Westminster Choir College (p. 1599)
- Commencement Requirements – Westminster Choir College (p. 1600)
- Course Credits (p. 1600)
- Course Level Numbering (p. 1600)
- Courses - Adding, Dropping, Repeating and Withdrawing (p. 1600)
- Degree Completion (p. 1601)
- Diploma Conferral (p. 1601)
- Employment Opportunities – Westminster Choir College (p. 1601)
- Ensembles/Productions – Attire and Registration (p. 1601)

- Exams (p. 1607)
- Full-Time Graduate Tuition Inclusion - Westminster Choir College (p. 1602)
- Grades - Grade Reports, Grade Point Average, Incomplete Grades, Grade Appeals (p. 1602)
- Graduate Assistantships (p. 1605)
- Graduate Oral Examinations - Westminster Choir College (p. 1605)
- Health and Safety - Westminster Choir College (p. 1606)
- International Student Status (p. 1606)
- Interruption of Studies (p. 1606)
- Outside Activities (p. 1606)
- Thesis/Capstone - Westminster Choir College (p. 1606)
- Transfer Credit While Currently Enrolled at Rider (p. 1606)

Academic Concern, Conditional Standing/ Dismissal and Readmission

Students permitted to enroll at Rider University are either in:

(a) Graduate Standing, in which case they are qualified to undertake graduate study and are recognized as degree or certification candidates upon admission;

(b) Conditional Standing, in which case they are permitted to enroll for a probationary period before a final decision of Graduate Standing is made; or

(c) Special Standing, in which case they are not enrolled in a Rider degree program but are permitted to enroll in some courses.

Decisions regarding academic progress, conditional standing, and dismissal for poor scholarship or poor professional performance are the responsibility of the faculty of the relevant program or the Committee on Academic Standing within each college or school. These committees may establish and apply criteria in addition to the minimum university cumulative grade point average (GPA). Using approved academic criteria, the Committee on Academic Standing within each college or school may review the academic record of any student. The following applies to all graduate students.

- Master's and graduate students with a cumulative GPA below 3.0, and Ed.S. or Ed.D. students with a cumulative GPA below 3.3, will be placed on probationary academic standing and may be dismissed.
- The minimum GPA to graduate from a Master's and graduate certificate program is 3.0 and from an Ed.S. or Ed.D. program is 3.3.
- For all graduate programs, students graduating with a cumulative GPA of 3.85[1] or above graduate with distinction.

Master's and graduate students who fail to maintain at least a 3.0 cumulative GPA, and Ed.S. or Ed.D. students who fail to maintain at least a 3.3 cumulative GPA, will be reviewed by the appropriate program faculty or Committee on Academic Standing and may receive a letter of academic concern, be placed on conditional standing, or be dismissed from the University.

1

Rider University calculates GPA to three decimal points within and follows standard rounding to two decimal places.

Academic Concern

Upon review of a student's academic record and professionalism, a Committee on Academic Standing or Department Chair may issue a letter of concern, which responds to academic progress that does not meet college, school or university expectations, and describes an academic plan of study or professional remediation plan that must be met in the subsequent semester. Students who fail to pursue the plan prescribed by the department faculty or an academic standing committee, who do unsatisfactory work in the prescribed plan, or who fail to meet other academic standards may be placed on Conditional Academic Standing or dismissed.

Conditional Academic Standing

Upon review of a student's academic record and professionalism, the department faculty or a Committee on Academic Standing may place a student on Conditional Academic Standing. In reaching this decision, the faculty or committee may require a student who does unsatisfactory work to pursue a specific course of study or professional remediation plan during a particular academic session. Students who fail to pursue the plan prescribed by the faculty or an academic standing committee, who do unsatisfactory work in the prescribed plan, or who fail to meet other academic standards may be continued on Conditional Academic Standing or may be dismissed without further right of appeal. There must be substantial evidence of proper motivation and a capacity for doing graduate level work to warrant maintaining a student in school with a record of continued conditional status as opposed to dismissal.

Students on conditional academic standing may not register for an academic overload. Westminster Choir College graduate students on conditional standing are ineligible for assistantships and may become ineligible for other scholarship awards. Additionally, students must be removed from conditional status in order to be approved for graduation.

Academic Dismissal from the University

Students who have not done satisfactory work may be dismissed from the University for poor scholarship or poor professional conduct at the end of any semester after an appropriate review of their scholastic performance by the department faculty or Committee on Academic Standing within their college or school. Academic dismissal at the end of the fall semester is effective prior to the beginning of the spring semester. Academic dismissal at the end of the spring semester is effective prior to the beginning of summer session.

Students who wish to appeal a dismissal must submit a written statement of appeal to the department chair or academic dean of their college or school within 10 days from the date on their letter of dismissal. All appeals submitted by the deadline will receive consideration by the appropriate academic standing committee.

Dismissal for academic or professional conduct reasons terminates a student's relationship with Rider. Dismissed students may not enroll for courses nor participate in university-sponsored activities or ensembles at either campus for a period of one year following their dismissal. Students dismissed for academic or professional conduct reasons normally will not be eligible for readmission within one calendar year of the dismissal

date. Although some students will apply for readmission, there is no real or implied right to such readmission.

Students dismissed by Westminster Choir College (WCC) but not Rider University may apply for enrollment in graduate programs in other colleges of the University. Students dismissed by WCC but not Rider University may not enroll in WCC courses, ensembles or activities until they have been readmitted to WCC with the exception of courses, ensembles or activities that are delivered by WCC and are required in music degrees housed within Media and Performing Arts.

Readmission after Academic Dismissal

Dismissed students seeking readmission must first contact the Registrar's Office (https://www.rider.edu/academics/academic-support-services/registrar/), Bart Luedeke Center, or the Associate Dean of Students Office, Bart Luedeke Center to obtain appropriate forms. Once the Registrar or Associate Dean of Students or his/her designee approves the readmission application, the application is forwarded to the dean of the college or chair of the department to which the student seeks reentry. Students dismissed for academic reasons must submit with their readmission application a personal letter to the Academic Standing Committee which will make decisions concerning their readmission. They should also provide evidence, usually in the form of a transcript from another institution, of formal study and/or accomplishment. If possible, such work should have been done in specific areas of deficiency in the student's academic record.

Academically dismissed students must meet all academic requirements in place at the time of their readmission. Readmission will be dependent upon various criteria including GPA, current academic progress, evidence of professional growth, and the student's general standing. Students may be required to reapply or reaudition.

If readmission is granted, the student is placed on conditional academic standing until the cumulative GPA reaches a satisfactory level of at least 3.0. A readmitted student is responsible for curriculum requirements in effect at the time of readmission.

Students should refer to The Student Code of Social Conduct at https://www.rider.edu/about/offices-services/community-standards/student-code-social-conduct (https://www.rider.edu/about/offices-services/community-standards/student-code-social-conduct/) for information regarding readmission following a voluntary or judicial dismissal.

Academic Disability Policy

Rider University supports the protections available to students with disabilities under Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act as amended, and the New Jersey Law Against Discrimination.

Student Accessibility and Support Services (https://www.rider.edu/academics/academic-support-services/student-accessibility-support-services/) (SASS) facilitates equal access to the programs and activities at Rider University for students with disabilities, as defined by the Americans with Disabilities Act (ADA).

Students must initiate contact with SASS in order to receive services and to arrange reasonable accommodations, course substitutions and auxiliary aids. Any Rider student who supplies SASS with appropriate documentation of a disability is eligible on a case-by-case basis for reasonable accommodations. Students with disabilities should contact SASS (Bart Luedeke Center, Suite 201, accessibility@rider.edu, 609-895-5492) to discuss available services and reasonable accommodations.

Only students with documented disabilities that prevent equal access to an academic course or program are entitled to reasonable accommodations, course substitutions and auxiliary aids. A reasonable accommodation is an accommodation that provides the student with equal access to the academic course or program, including all course or program materials, but does not impose an undue burden on the University or constitute a fundamental alteration to the course or program in question. Knowledge of the essential course and program standards resides primarily with the individual faculty member and/or the academic department.

SASS evaluates the disability documentation provided by the student from relevant, certifying providers. When the student's disability has been sufficiently documented and potential reasonable accommodations have been identified, SASS emails the Letter of Accommodation to the student and the professor. The professor is advised to respond that they have received the email. We encourage the student and professor to privately discuss the implementation of the academic accommodations.

If any such faculty member has concerns that the accommodations constitute a fundamental alteration to the course or program in question, that faculty member shall promptly contact SASS to initiate discussion and resolution of those concerns.

If the faculty member does not demonstrate to SASS that the accommodation constitutes a fundamental alteration of the course or program in question, the accommodation shall be put in place. If the faculty member demonstrates to SASS that the accommodation constitutes a fundamental alteration of the course or program in question, alternate accommodations, to the extent available, shall be made. If SASS and the faculty member are unable to mutually agree on this issue, they shall appeal it to the Provost or his/her designee, who shall hear both positions, review any necessary documents, and render a final decision.

If such an appeal is taken to the Provost or his/her designee, and the semester has already begun, the Provost or his/her designee shall determine at the outset of the appeal process whether or not the student will suffer an immediate negative impact, if the proposed accommodation is not yet in place. If the determination is that the student will suffer such an immediate negative impact, then the proposed accommodation will be put into place pending resolution of the appeal. If no such immediate negative impact is apparent, the proposed accommodation will be withheld, pending resolution of the appeal. In either case, the Provost or his/her designee will make every reasonable effort to render his/her decision within four working days of the initiation of the appeal.

This policy is designed to ensure the University's compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act as amended and the New Jersey Law Against Discrimination, and to enable every Rider student with a disability to enjoy an equal opportunity to achieve his/her full potential while attending this University.

Academic Load/Overload

Students should understand that for every hour spent in class, they are expected to spend two to three hours studying outside of class time, and should therefore plan their academic load accordingly. Study time may vary based on the student's background knowledge and class difficulty.

Graduate Business

A full-time program consists of nine (9) or more semester hours of graduate course work. Part-time students who are employed full-time will generally be limited to six semester hours of graduate work in a given semester. During the evening summer session or during an accelerated term in a fall or spring semester, the recommended course load is one-half that of a regular semester.

Graduate Education

A full-time program during the fall and spring semesters consists of nine (9) or more semester hours of graduate course work. A full-time program during the Summer Sessions consists of six (6) or more semester hours of graduate course work. Students enrolled in the Post-Baccalaureate Teacher Certification program are restricted to two courses (6 semester hours) per semester until the point of student teaching.

Graduate Arts and Sciences

A full-time program consists of nine (9) or more semester hours of graduate course work. Part-time students who are employed full-time will generally be limited to six semester hours of graduate work in a given semester. During the summer sessions, the recommended course load is one-half that of a regular semester.

Westminster Choir College

In Westminster Choir College, a full-time graduate program consists of between nine (9) and fifteen (15) semester hours. Enrollment for more than 15 semester hours constitutes an academic overload, and requires the permission of the Associate Dean for the School.

Westminster Choir College graduate students may exceed the normal maximum academic load after completing one (1) full-time semester at Rider University (minimum of 9 credit hours) **and** attaining a cumulative grade point average of 3.00 or higher. Students on Conditional Academic Standing are not eligible for an academic overload.

Students who exceed the normal load are required to pay an overload per credit fee for each credit over 15, except in the case of non-billable hours.

Students may enroll for a maximum of 12-14 combined credits during Summer I and II, with no more than 7 credits in any one session. These maximums may be exceeded only with the permission of the student's academic dean.

Academic Records

Academic Records are retained for varying periods of time depending on record type pursuant to University policy. Records may be kept longer at the sole discretion of the University.

Access to student academic and other records may be accorded to Rider personnel with a legitimate educational interest in the records. Information may be released to other agencies and individuals according to these policies in compliance with the Family Educational Rights and Privacy Act (FERPA) of 1974 (as amended):

- Rider may release the following information without written permission from the student: fact of enrollment, dates of enrollment, degree candidacy, degree awarded, and major field.
- Rider may release the following information unless the student has requested in writing by the end of the second week of classes each semester that the information not be released: name, email, home and local address, and home and local telephone number, participation on athletic teams and organizations, dates of attendance and honors and awards received.

No other information concerning a student will be released without that student's written permission.

Students having a complaint or question regarding FERPA may write to: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-8520 or visit www.ed.gov/answers (https://www.ed.gov/answers/).

Students may request to view their academic record by making an appointment with the appropriate dean's office.

Accompanying Costs for Voice Students

All students studying applied voice at Rider University should expect, in most cases, to hire an accompanist. During the fall and spring semeseters, students will automatically be charged the student accompanying fee and assigned a university accompanist. Students may opt out of this program prior to the start of classes. The per semester fee is not refundable in any part should a student discontinue voice study or decide to seek out another accompanist. For additional information see Tuition and Fees on Rider's website: https://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees (https://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees/) .

Applied Music - Westminster Choir College

Individual applied music lessons for academic credit are available to all Rider University students with prior experience, regardless of major. Lessons are available in brass, composition, conducting, guitar/bass, harpsichord, organ, percussion, piano, strings, woodwinds, and voice. For all students whose major or minor program does not require applied music lessons, and for those students who have completed the applied music requirements for their degree program, fees for this elective (non-required) study will apply. Elective lessons are provided on a space-available basis. All part-time students are charged an applied music fee.

Students may earn 1 or 2 credits per semester, with the exception of graduate applied composition courses, which carry 3 credits per semester. Each fall, spring or summer applied course consists of twelve private lessons, or the equivalent instructional time, and may require participation in studio classes, performance classes, and/or an end-of-

semester jury or performance review. Applied lessons completed during the January term follow specific departmental requirements regarding instructional time.

All applied music students must observe departmental applied requirements listed in the catalog and in department handbooks.

Applied lesson fees are described in the Tuition and Fees section of Rider's website (https://www.rider.edu/tuition-aid/tuition-fees/undergraduate/).

All applied music students must observe departmental applied requirements listed elsewhere in this catalog and in department handbooks. Students for whom applied music lessons are not required may register for lessons on a space-available basis. Interested students should consult the Associate Dean.

Applied lesson fees are described on the Undergraduate Tuition and Fees (http://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees/) section of Rider's website (https://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees (https://www.rider.edu/offices-services/financial-aid-scholarships/tuition-fees/undergraduate-tuition-fees/)).

Effective as of the fall 2009 semester for all new or readmitted Rider University students, for all students whose major or minor program does not require applied music study, or for those students who have completed applied music requirements, elective fees will apply. All part-time students are charged an applied music fee.

Registration for applied music study follows this table of suffixes. Students will register for the appropriate course number and suffix, as indicated in the curriculum pages found elsewhere in this catalog.

Full-time Students

A – One-hour, 2-credit required lesson. Included in tuition – no extra charge.

- Theatre, Dance or Performing Arts example: Musical Theatre major
- Westminster Choir College example: All undergraduate majors

B – Half-hour, 1-credit required lesson. Included in tuition – no extra charge.

- Theatre, Dance or Performing Arts example: Popular Music Culture, up to 3 semesters
- Westminster Choir College example: Theory/Composition major (half-hour voice or keyboard lesson)

C – One-hour, 2-credit elective lesson. Not included in tuition – fee charged per semester.

- For students who have completed all required lessons in their major, or students whose major does not require lessons.

D – Half-hour, 1-credit elective lesson. Not included in tuition – fee charged per semester.

- For students who have completed all required lessons in their major or students whose major does not require lessons.

G – One-hour, 2-credit required/elective lesson. Half-hour is required and is included in tuition. The second half-hour is elective and is not included in tuition – fee charged per semester.

- Theatre, Dance or Performing Arts example: Popular Music Culture, up to 3 semesters
- Westminster Choir College example: Theory/Composition major (full-hour voice or keyboard lesson)

Part-time Students

(all part-time students regardless of major or requirements)

- Suffix E – One-hour, 2-credit required or elective lesson – fee charged per semester
- Suffix F – Half-hour, 1-credit required or elective lesson – fee charged per semester

Change of Applied Teacher

Students wishing to change their applied lesson teacher must make a request to the chair of the appropriate department. Any change requested after the beginning of a semester will require the permission of both applied lesson teachers and the department chair. If either applied lesson teacher is the department chair, permission of the Associate Dean also is required.

Change of Major or Applied Primary Area

Students wishing to change their major or the applied primary instrument they play must complete the appropriate form. Permission of the old and new major department is required.

Class Attendance/Absence

It is the prerogative as well as the responsibility of each faculty member to establish a clear policy for each course of instruction in regard to the nature and extent of student participation that will be expected and required.

The effect of absences upon the student's standing in a particular class will be left to the determination of the instructor of the course. However, it is expected that faculty members will be fair and reasonable concerning validated absences due to field trips, practicum, religious observance, participation in varsity athletics, placement interviews for graduating seniors, Westminster Choir College and School of Communication, Media and Performing Arts rehearsals or performances, and illnesses sufficiently serious to be certified by either the University Health Center or the student's physician. The faculty member should consult with the Dean of Students in instances where doubts arise regarding the course to follow in evaluating student absences.

It is the student's responsibility to inform instructors of the nature and extent of an actual or anticipated absence. If that is impossible, or if the absence is or will be more than three (3) consecutive class sessions or longer than seven [7] calendar days, the student should contact the Office of the Dean of Students at 609-896-5101. Then, the dean's office will notify the appropriate faculty member.

Class Cancellation/Excused Absence Policy - Westminster Choir College

During run-outs involving Westminster ensembles, private lessons for those students not involved in the run-out continue to meet. When a college-sponsored performance necessitates that 30% or more of the students in a class be absent, the class may be canceled at the discretion of the faculty member.

The dean will excuse individuals or groups of students who are participating in college-sponsored events. Only students registered for the class or ensemble participating in an activity will be excused from class. Students excused from class(es) under these circumstances remain responsible for all class work.

Class Cancellation

In most cases, Rider will remain open and fully operational during inclement weather and other emergency situations. Under extreme circumstances, however, it may become necessary to cancel classes and other functions, close certain buildings or take other emergency actions.

If such circumstances should arise, notification will be made by phone call, text and/or email via RiderAlert, Rider's mass electronic messaging system. Students can update their information via the link: RiderAlert (http://www.rider.edu/rideralert/) (https://www.rider.edu/rideralert (https://www.rider.edu/rideralert/)).

Cancellations will also be announced online at www.rider.edu (https://www.rider.edu/) and on the Rider University information hotline at 609-219-2000, option 1.

Commencement Requirements – Westminster Choir College

The academic year requirements of students in Westminster Choir College extend through the annual spring Chapel Service. All students enrolled in required ensembles (Chapel Choir, Schola Cantorum, Symphonic Choir) are required to participate in the service unless excused under extraordinary and unavoidable circumstances, such as serious illness. In particular, credit for spring semester choir participation is lost if a student does not attend and is not excused from the service. All other students are encouraged to participate in the Chapel Service.

Students singing in one of the choirs for the Chapel Service will be provided with a red choir robe for the ceremony.

Course Credits

Graduate classes at Rider University may follow a 14-week semester or an accelerated 7-week schedule. Rider uses the true number of minutes per hour-long session; i.e., a one-hour meeting is actually 60 minutes. Three-credit classes meet for 60, 90, or 180 minutes, corresponding to, respectively and typically, 3, 2, or 1 meeting per week.

In the College of Arts and Sciences all performance courses receive credit as follows:

- all ensembles receive 1 credit;
- other performance-based courses receive 1-3 credits;
- a full-semester Student Teaching experience receives 12 credits;
- applied music instruction receives 1-3 credits.

Course Level Numbering

Courses numbered below 100 are taught at pre-college level and carry no credit. Courses numbered at the 100- to 400-level carry only undergraduate credit. The course number indicates the anticipated audience for a course; 100 level courses are designed for freshmen, 200 level for sophomores, etc.

For Westminster Choir College:

1. Courses at the 500-level are open to undergraduate and graduate students. Undergraduate students who have earned at least 60 credits and a minimum cumulative GPA of 3.0 may enroll in a 600-level course upon permission of the instructor and the Associate Dean. Undergraduate students who have earned at least 90 credits and a minimum cumulative GPA of 3.8 may enroll in a 700-level course upon permission of the instructor, the Director of Graduate Studies and the Associate Dean.
2. Students with undergraduate status in the five-year B.M./M.M.E. program may take graduate courses required in that curriculum at the 500- or 600-level. Students in the B.M./M.M.E. program may take required 700-level courses in the senior year or upon successfully completing 124 credits and the student teaching semester. Students in the B.M./M.M.E. program who have not attained graduate status may enroll in non-required 700-level courses according to the restrictions stated in the previous paragraph.

Courses - Adding, Dropping, Repeating and Withdrawing

The timetables and deadlines given below pertain to the fall and spring semesters. Students should consult the Registrar's website (https://www.rider.edu/academics/academic-support/registrar/) for summer session and J-term winter session deadlines.

Adding Courses

Graduate students may add a course through the first week of the semester provided the course is still open for registration, for full term courses. See the Registrar's website (https://www.rider.edu/academics/academic-support/registrar/) for timelines for accelerated courses.

Graduate students in the College of Education and Human Services, Norm Brodsky College of Business, and College of Arts and Sciences who are enrolled in a 7-week course have the first three days of the 7-week term to add a course, provided the course is still open for registration.

Dropping Courses

Students may drop courses through the second week of the regular semester at their own discretion. In such cases, the courses are deleted from the student's record. After the second week of the semester, a withdrawal from the course is necessary and a 'W' is recorded on the transcript. See the Registrar's website (https://www.rider.edu/academics/academic-support/registrar/) for the timeline for accelerated classes.

Graduate students in the College of Education and Human Services, Norm Brodsky College of Business, and College of Arts and Sciences who are enrolled in a 7-week course have the first full week of the 7-week term to drop a class with a full refund. After the first week, a withdrawal from the course is necessary.

Repeating Courses

Students may request permission from the academic dean to repeat a course to earn a better grade provided that the course is one that cannot be repeated for additional credit (e.g., applied music lessons, acting courses, coaching, ensembles and productions, stagecraft, studio dance, and other related classes). The grade first earned will remain on the transcript but only the latest grade will be used in computing grade point average and determining whether or not degree requirements have been met.

Students who fail a required course must repeat the course until a passing grade is received. Students do not have to repeat a failed elective but must pass another acceptable elective of comparable credit in order to meet graduation requirements.

Students receiving financial aid should consult with Student Financial Services (https://www.rider.edu/tuition-aid/financial-aid/) before repeating a course already passed to determine the possible impact upon the student's continuing eligibility for financial aid.

Withdrawing from Courses

Students may withdraw from courses and receive a grade of 'W' during the third through tenth weeks of the semester. The student's academic advisor and financial aid counselor will be notified of class withdrawals by email.

After the end of the tenth week of the semester, students may withdraw from courses and receive a grade of 'W' only for validated reasons of physical or psychological incapacity. Validated reasons of physical or psychological incapacity serve as justification for a student to withdraw from courses with a grade of 'W' at any time beyond the add/drop period. Reasons must be validated by the Dean of Students (https://www.rider.edu/about/offices-services/student-affairs/dean-of-students/info-for-students/medical-withdrawals-readmission/) and approved by the academic dean of the college in which the student is enrolled.

Students are required to notify Student Financial Services (https://www.rider.edu/tuition-aid/financial-aid/) when withdrawing from courses as these circumstances may impact financial aid eligibility.

Student-athletes are required to notify the Associate Director of Athletics for Compliance and Academic Support (athletics@rider.edu) or the Director of Athletics (harnum@rider.edu) prior to withdrawing from courses.

Students receiving veteran benefits must report such changes to the Registrar's Office (https://www.rider.edu/academics/academic-support/registrar/) immediately.

Withdrawal policies during special sessions (summer session, J-term) observe time limits proportional to the time limits of a regular semester.

The Course Withdrawal Form is located in the Academic Tools section on the Student tab in myRider.

Degree Completion

In all colleges, students who have not satisfied requirements by the end of the specified time may be required to repeat courses and/or meet further requirements. Students for whom more than two years has elapsed since the date of last enrollment may be required to re-apply and/or re-audition for the program, and must meet all requirements in place at the time of their readmission.

For all colleges/schools except the Westminster Choir College and the College of Education and Human Services, students must complete all requirements for the master's degree within six (6) years of the date of first registration for graduate course work. College of Education and Human Services students must complete all requirements for their program within six years of the enrollment date of the first course (with the exception of the M.A. in Counseling Services program, which is eight years from the date of acceptance into the program; the M.A. in Clinical Mental Health Counseling which is ten years from the date of acceptance into the program; and the Ed.S. in School Psychology, which is ten years from the date of acceptance into the program; and four years after completion of APRN 5007 in the Graduate Nursing Program.)

Westminster Choir College students must complete all requirements for the master's degree within seven (7) years of the date of first registration for graduate course work. For Westminster Choir College students, credits earned at another institution or through Westminster Continuing Education outside the seven-year period that commenced with initial enrollment in a degree program must be approved for transfer into that program by the department offering the degree.

Diploma Conferral

Diplomas are conferred four times each year: January, May, August, and December. Students must submit a degree application form, available online via myRider or in their academic dean's or department's office, in order to be eligible to receive a diploma on any date. Students must apply for graduation by the deadlines established each year by the Registrar's Office. See Commencement Candidates (https://www.rider.edu/academics/academic-support/registrar/commencement-candidates/) on the Registrar's Office website for more information.

Diplomas are conferred only upon those who have met 100% of all degree requirements. Students in the combined B.M./M.A.T. program receive both diplomas upon the completion of all requirements.

Employment Opportunities – School of Westminster Choir College

The University provides work opportunities both on and off campus. Students who demonstrate financial need as determined by the FAFSA are offered Federal Work Study in their award. Students who have no need are paid through a student employment budget. It is the responsibility of students to find their own jobs. All students are encouraged to apply for available employment opportunities. Bi-weekly paychecks are provided directly to students rather than to student accounts.

Weekend church positions: Many Westminster Choir College students are employed in area churches on a part-time basis as organists, directors, and singers.

Lawrenceville and the surrounding area provides many opportunities for part-time employment in local businesses.

Ensembles/Productions – Attire and Registration

Attire

Students must purchase official ensemble attire for choirs in which they are enrolled. Freshman/transfer students attending Westminster Choir College must be fitted during orientation and purchase a red robe which will be charged to their student account by the Bursar's Office.

Registration

Students participating in music ensembles or artistic productions must be registered for the course that accompanies that activity. It is the responsibility of the student to ensure proper registration in the appropriate course. Excused absences are granted only to registered students.

Each semester, the official personnel roster for each ensemble will be finalized for that semester at the end of the schedule adjustment period, typically two weeks after the first day of classes.

Full-Time Graduate Tuition Inclusion – Westminster Choir College

Full-time tuition charges are incurred by students who enroll for credit loads, including credit equivalents for non-credit and audited courses, which fall within the ranges indicated below. Further charges are incurred when full-time students exceed maximum load levels, excluding VC 593 or participation in auditioned choirs.

Please see Rider's Financial Aid website (https://www.rider.edu/tuition-aid/tuition-fees/) for elective and part-time charges for elective music and dance study.

Full graduate tuition includes:

1. A minimum of 9 and maximum of 15 credits per semester, or the equivalent including undergraduate and non-credit courses.
2. For required graduate primary applied music study, one hour per week of private instruction, except for Choral Conducting majors, who receive one half-hour per week of private instruction.
3. Once all required primary, secondary or private composition applied requirements have been completed, all additional applied lessons will be billed at the elective rate given below.
4. Students in double major programs with two different primary instruments will be billed for the second applied lesson at the elective rate.
5. Any non-required private lesson will be billed at the elective rate given below. Graduate students in majors without applied requirements will be billed for applied lessons at the elective rate.
6. Please see the table of applied lesson suffixes under "Applied Music (p. 1598)" in the Academic Policies section of this catalog. Registration for the incorrect suffix may result in an incorrect bill.

Grades: Grade Reports, Grade Point Average, Incomplete Grades, Grade Appeals

Grade Reports

Members of the faculty are officers of instruction at Rider University. Among their responsibilities as such is the evaluation of students' academic accomplishments in courses of instruction. These evaluations ultimately are expressed in grades that are recorded in the students' academic record. Members of the faculty, judging the competencies and performances of students, assign grades based on their professional experience and training. Grades assigned by the faculty follow practices and procedures within the standards established by Rider and within the standards established by individual course requirements.

Letter grades are used at Rider University for recording faculty evaluations of final student achievement in individual courses and are entered on the permanent academic record of a student's academic performance.

The academic grades used by faculty for recording evaluations of student achievement are as follows. For determining grade point averages (GPAs), grades have weighted values called variously honor points, quality points, or grade points:

Letter Grade	Grade Point Value
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D (see footnote 1)	1.0
F (see footnote 2)	0.0

[1] Failing academic work; fail to abide by standards of academic honesty and integrity; unauthorized withdrawal, and fail to complete work in prescribed time. Work that is minimally acceptable but below the standards of the course. The "D" grade is not given at the graduate level in the College of Education and Human Services, the Norm Brodsky College of Business, or Westminster Choir College.

[2] In the College of Education and Human Services: Failing academic work; fail to abide by standards of academic honesty and integrity; unauthorized withdrawal, and fail to complete work in prescribed time.

Each instructor of a course will inform the student of the course objectives, procedures, and applicable grading standards. Upon a student's written request, members of the faculty will provide a review of the student's course standing at least once each term by the mid-point of that term. Each student may also review material submitted to the instructor for evaluation such as papers, examinations, and the like. In these ways, students will be able to assess their own progress in a course before final grades are assigned.

NOTE: Faculty members are not required to maintain student course materials more than four months after the end of an academic term.

A student grade report may also show the following transcript notations, which carry no grade point value:

Transcript Notation	Explanation
I	Incomplete
L	Late grade
N (see footnote 1)	Registered; did not attend
AU	Audit
P	Pass
S	Satisfactory progress
U	Failure in pass/fail course
W (see footnote 1)	Withdrawal
Y	Satisfactory completion of supplemental education course
Z	Insufficient progress in supplemental education course

[1] "N" and "W" notations are included in the total semester hours attempted, as far as tuition payment is concerned.

Grade Point Average (GPA)

Grade point averages (GPA) are used to establish academic standing. In order to compute the grade point average, students must first determine

the number of quality points earned for each course. The total number of quality points for a course is derived by multiplying the number of credits for the course by the number of quality points for each letter grade. The grade point average (GPA) is determined by dividing the number of quality points by the number of GPA hours.

Incomplete Grades

Students who, as a result of extenuating circumstances, are unable to complete the required work of a course within the term, may request an extension of time from a faculty member. Such extensions of time can be granted only in cases in which illness or another serious emergency has prevented the student from completing the course requirements or from taking a final examination. The request for extension of time must be made prior to the last scheduled class meeting, except in those unusual situations in which prior notification is impossible.

The faculty member shall determine whether to grant the request for a time extension and the type of verification (if any) required to support the request. The faculty member shall specify the time, up to four weeks from the last day of the term as specified in the academic calendar, by which work must be completed by the student. If the faculty member does agree to the request, the notation "I" (Incomplete) shall be submitted on the grade roll. In those situations where the faculty member has not received a request for an extension of time, the notation "I" (Incomplete) may be submitted on the grade roll by the faculty member when, in his or her judgment, such a determination appears justified. Upon submission of completed required work the faculty member shall submit a Change of Grade form to the Registrar.

Students who, as a result of extenuating circumstances, are unable to submit the completed required work at the end of the four-week period may request an extension of the incomplete grade. The request for an extension of the incomplete grade must be made prior to the expiration of the four-week period. If the faculty member agrees to the request for an extension of the incomplete, the faculty member shall specify the time, up to a maximum of two weeks from the date of expiration of the four-week period (i.e., six weeks from the last day of the term) by which work must be completed by the student and shall submit an Extension of Incomplete form to the Registrar.

Upon submission of completed required work, the faculty member shall submit a Change of Grade form to the Registrar and assign the course grade. Failure of the Registrar to receive from the faculty member a Change of Grade form or an Extension of Incomplete form at the end of the four-week period, or a Change of Grade form at the end of the six-week period, shall result in the automatic assignment of the grade "F," "Z," or "U" by the Registrar.

Students who receive an incomplete in a course that is part of a course sequence must obtain permission from the department chairperson to remain enrolled in the next course in the sequence or they will be removed from that next course.

Grade Appeals

Basis for Grade Appeal

A final course grade may be changed only at the initiative of the faculty member who originally assigned the grade or as the result of a decision made in the hearing of a grade appeal by the Faculty Grade Review Panel. It is assumed that the final course grade is assigned in good faith and based on the professional expertise of the faculty member.

A student may appeal a final course grade only on the grounds that it represents an arbitrary, capricious, and/or unreasonable evaluation of his or her performance.

A grade appeal may not be based on a disagreement with the faculty member's professional academic evaluation of the student's work. The burden of proof rests with the student. A grade appeal shall be supported only when a student convincingly demonstrates that an arbitrary, capricious, and/or unreasonable evaluation occurred. Changes and appeals for grades on written comprehensive graduate examinations are subject to the same requirements and procedures as course grades.

The Faculty Grade Review Panel may return appeals to department chairs when such individuals have not discharged their responsibilities during the appeals process; may decline to hear an appeal when there is insufficient documentation of arbitrary, capricious and/or unreasonable grading; and shall decline an appeal if it is based on failure to accommodate a disability covered by the Academic Disability Policy (p. 1582).

Faculty Grade Review Panel

The Faculty Grade Review Panel has final authority concerning all grade appeal questions. **The panel consists of the following nine members:**

1. Six tenured faculty members including one tenured faculty member elected by the bargaining unit members of each of the five college/school academic policy committees and one selected by the bargaining unit members of the University Academic Policy Committee, who shall serve as chairperson of the panel;
2. A seventh faculty member selected jointly by the Provost and Vice President for Academic Affairs and the academic deans;
3. Two full-time students selected by the Student Government Association who, at the time of their service, must be seniors who have attained a grade point average of at least 3.25.

Each of the above appointing groups shall also designate an alternate for each member they appoint to the panel. Faculty members of the panel shall serve two-year terms and may be reappointed.

A quorum of the Faculty Grade Review Panel shall consist of any five members. The failure or inability of any appointing body to fulfill its responsibility to appoint any member or members to the panel shall not prevent the panel from organizing itself and exercising its duties.

The chairperson of the panel will serve as the hearing coordinator and has the following duties and responsibilities:

1. Inform the members of the panel that a grade appeal has been received and set a date for the hearing;
2. Distribute documentary materials pertaining to the appeal to members of the panel;
3. Maintain a permanent record of the panel's proceedings;
4. Prepare and distribute any decision made by the panel to the appropriate parties.

Prior to Initiating a Grade Appeal

A student who believes that his or her final course grade represents an arbitrary, capricious, and/or unreasonable evaluation of his or her work is strongly encouraged to talk with the faculty member in an effort to resolve the issue before filing a formal grade appeal. However, it must be emphasized that this informal discussion does not constitute the

initiation of a grade appeal and does not extend the time limits specified in the next section, Initiating a Grade Appeal.

Initiating a Grade Appeal

To initiate a grade appeal, the student must forward a letter to the faculty member which clearly and precisely describes the student's reasons for believing that the final course grade constitutes an arbitrary, capricious, and/or unreasonable evaluation of his or her performance. A copy of this letter shall also be sent to the faculty member's department chairperson. (If the faculty member taught the relevant course in another department, the letter shall be sent to the chair of that other department. If the relevant course is in a program and is not cross-listed, the letter shall be sent to the chair of the program director's home department.)

For appeal of fall semester grades, the letter must be postmarked or hand-delivered within seven (7) days of the start of the upcoming spring semester. For appeal of spring semester grades, it must be postmarked or hand-delivered within thirty (30) days of the last regularly scheduled spring semester examination. For appeal of summer grades, it must be postmarked or hand-delivered within seven (7) days of the start of the upcoming fall semester. For appeal of grades on written comprehensive graduate examinations, it must be postmarked or hand-delivered within thirty (30) days of the date that grades were issued for the examination.

If a change of grade occurs after the aforementioned deadlines, the grade appeal must be filed within thirty (30) days of the submission of the changed grade to the registrar.

If the faculty member who assigned the grade in question is no longer at Rider or is away from Rider on an extended basis and not available for consultation, the initial review shall be conducted by the appropriate department chairperson, and the schedule may be extended at the appropriate dean's discretion.

If the faculty member who assigned the grade in question is the department chairperson, the chairperson's dean or that dean's designee shall replace the chairperson in all the procedures that follow.

Failure to submit a written statement of the appeal within the time guidelines established above shall constitute grounds for denying a student access to the grade appeal process. Failure to provide a clear and precise statement shall constitute grounds for denying the appeal at any step in the process. Once a grade appeal is initiated, the basis of all subsequent proceedings must be limited to the allegations appearing in the initial written statement. This limitation does not exclude the introduction of new evidence directly related to the initial allegations.

The chairperson of the Faculty Grade Review Panel, upon written request of any party, may extend any deadline contained in this policy if he or she believes that circumstances beyond the control of a party to the appeal have prevented compliance with stated deadlines. The decision of the panel chairperson to extend or not to extend a deadline shall not be subject to appeal.

The Grade Appeal Process

Step One

In the letter of appeal, the student may request a formal meeting with the faculty member. If the faculty member agrees to such a meeting, the meeting shall be held no later than fourteen (14) days after the beginning of the fall or spring semester following the semester or session in which the grade was given. However, the parties are encouraged to schedule such a meeting at an earlier date if mutually convenient.

The faculty member shall render a decision on the appeal within seven (7) days of such a meeting and shall notify the student and the department chairperson in writing of the decision. If the faculty member agrees to change the final course grade of the student, he or she shall submit a Change of Grade form to the Registrar.

If the faculty member believes that a meeting with the student would not be productive, he or she shall make a decision on the appeal based on the student's letter and shall communicate the decision in writing to the student and the department chairperson within fourteen (14) days of the beginning of the fall or spring semester following the semester or session in which the grade was given.

If the student accepts the decision of the faculty member at Step One, no further action is required. If the student does not accept the faculty member's decision at Step One, he or she may appeal the decision to Step Two in writing to the department chairperson with a copy to the faculty member's dean. This letter must be postmarked or hand-delivered within seven (7) days of the postmark date of the faculty member's Step One decision.

If the student does not receive a written response from the faculty member or department chairperson within fourteen (14) days of the beginning of the fall or spring semester following the semester or session in which the grade was given, the student may, within twenty-one (21) days of the beginning of that semester, proceed to Step Two as indicated below. All such written responses shall be mailed to the student's campus address, if the student resides on campus, or otherwise to the student's home address on record.

Step Two

Within fourteen (14) days of the receipt of a student's letter of appeal to Step Two, the department chairperson shall schedule a meeting with the student and the faculty member. At such meeting, the student and the faculty member will have the opportunity to explain their positions with respect to the grade in question, but they shall be limited to the allegations raised in the student's initial written statement.

The department chairperson shall render an opinion on the matter within seven (7) days of the Step Two meeting and shall provide explanatory language for this opinion in writing to the student, the faculty member and the faculty member's dean.

If the department chairperson's opinion supports the position of the faculty member, the student shall have seven (7) days from the postmark date of the letter from the department chairperson to continue his or her appeal to the Faculty Grade Review Panel as described in Step Three.

If the department chairperson's opinion supports the student's position in the appeal, the faculty member shall have seven (7) days from the postmark date of the department chairperson's letter opinion either to accept that opinion and submit a Change of Grade form to the registrar, or to reject the opinion and notify the student, department chairperson, and faculty member's dean that the faculty member is making an appeal pursuant to the Step Three process.

If the student does not receive notification of a change of grade within twenty-one (21) days of the date of the department chairperson's written decision, the student may carry the appeal to Step Three.

Step Three

To carry the appeal to Step Three, the student must submit a letter expressing that intent to the chairperson of the Faculty Grade Review

Panel with copies to the faculty member, the department chairperson, the dean, and the Provost and Vice President for Academic Affairs.

Within seven (7) days (excluding vacation and examination periods) of the receipt of this letter, or the letter from the faculty member who has appealed, whichever the case may be, the chairperson of the Faculty Grade Review Panel shall schedule a meeting of the panel to consider the appeal.

The student and the faculty member shall have the right to appear before the panel to present information pertaining to the allegations made in the student's initial written statement.

The Faculty Grade Review Panel may, if it deems it desirable, request attendance by the chairperson, the dean, and/or any other representatives of the University. Attorneys or advisors to the participants may attend but not participate in the meeting of the panel.

The unwillingness of the faculty member or student to appear before the panel shall not prevent the panel from proceeding with its deliberations. In those deliberations, the panel shall have access to written documents pertaining to the appeal, pertinent records of student performance, and such verbal presentations as may be made during panel deliberations.

On the basis of careful consideration of the available information, the Faculty Grade Review Panel will determine if an arbitrary, capricious, and/or unreasonable evaluation of the student's performance has occurred. This determination will be made in writing and provided to all affected parties.

If the panel determines that no such action occurred, the case will be closed with no further right of appeal. If the panel determines that an arbitrary, capricious, and/or unreasonable evaluation has occurred, it will direct the faculty member's department (or will establish an evaluation committee of faculty members in the field of the course offered) to re-evaluate the student's performance based upon the panel's decision, the records and documentary materials.

Within fourteen (14) days of the receipt of the panel's directive, the department or evaluation committee shall recommend to the panel a grade that it deems appropriate, whether higher than, lower than, or the same as the original grade. Normally, the panel will accept the revised evaluation by the department or committee and will subsequently notify the Registrar of any change of grade. Should the panel feel that the department or committee has not conducted its review in an appropriate manner and that, as a result, the suggested substitute grade is not appropriate, it shall have the authority to direct the Registrar to enter the grade that the panel judges appropriate.

Decisions of the panel are not subject to further appeal. The panel may also return appeals to department chairs when such individuals have not discharged their responsibilities during the appeals process, or when there is insufficient documentation of arbitrary, capricious and/or unreasonable grading. The panel shall decline an appeal if it is based on failure to accommodate a disability covered by the University Disability Policy.

Expediting a Grade Appeal

When a student's graduation is affected by the outcome of a grade appeal in a semester, term, or session immediately preceding such graduation, faculty members shall make reasonable efforts to expedite the process.

Grade Changes Made at Initiative of Faculty Member

The individual faculty member may determine that it is appropriate to change a recorded academic grade. Such changes must be made within four (4) months of the date that the original grade was assigned. Any change of grade initiated by a faculty member more than four (4) months after the date the original grade was assigned must be approved by the faculty member's dean. Faculty members, using the online form available on the myRider Faculty Tab, will prepare a change of grade stating the reasons for the grade change. Upon receipt of this form by the Office of the Registrar, the grade will be changed on the official records of the University.

Graduate Assistantships

A limited number of assistantship positions and graduate scholarships are available to full-time graduate students. Further information can be found under Scholarships for Graduate Students (http://www.rider.edu/offices-services/finaid/scholarships-grants/graduate-scholarships/) on Rider's website.

Graduate Oral Examinations - Westminster Choir College

General information

1. All students pursuing the M.M., M.M.E., MVPP or M.V.P. degree at the Westminster Choir College must pass a final oral examination.
2. The oral examination normally occurs during the last semester in which a student is enrolled prior to graduation.
3. **All courses required to remediate academic deficiencies must be completed successfully by the end of the semester prior to the oral examination.**
4. The oral examination must be completed by the deadline published in the Academic Calendar (p. 1576) in this catalog.
5. Students who elect to pursue multiple graduate programs must pass a separate final oral examination in each major area.
6. Students who have not passed all portions of the oral exam must be re-examined within one year from the date of the original or previous exam. Students failing to meet this deadline or those who have not passed the oral examination after three attempts are no longer considered degree candidates and become ineligible to graduate.
7. Students must apply to schedule the oral examination by November 1 for a fall examination, by April 1 for a spring examination, or by June 1 for a summer examination.

Examining Committee

1. The examining committee consists of no fewer than three Westminster **music** faculty members, full-time or adjunct, including two from the student's major program area, and one member of the student's choice from outside the major area.
2. Departments may establish their own policies for membership on the major area portion of the examining committee.

Structure and Content of Examination

1. The structure and content of the examination should support the general philosophy of graduate education, as previously endorsed by the Westminster Academic Policy Committee (WACP), which states:

   "Critical thinking is to be encouraged throughout the curriculum. Students should acquire a musicological sensibility and the ability

to engage in a logical discourse about varied aspects of the art. In addition to overall musical competency, true expertise is required in a particular area. At the conclusion of their studies, students should have an understanding of what remains to be learned and the tools to continue their education throughout their lives. They should be fully prepared to embark upon—or continue in—their professional lives as performers, composers, teachers, ministers of music, conductors, doctoral students, and as vigorous advocates for music."

While specific content is left to the discretion of the department, the examination should be designed to demonstrate the student's ability to engage in a logical discourse in the major area and its relationship to various aspects of the art, and should transcend the mere recitation of factual information.

2. Departments will create written guidelines to assist students in preparing for the examinations, which will be distributed to students at the onset of their graduate studies.

3. The Director of Graduate Studies will periodically attend examinations as a fourth, non-voting member to ensure a degree of interdepartmental consistency in content and the standard to which students are held. The DGS will report his/her findings to the Graduate Committee and the WAPC for future review.

Health and Safety - School of Westminster Choir College

Westminster Choir College and School of Communication, Media and Performing Arts wish to inform students and faculty of health and safety issues, hazards, and procedures inherent in practice, performance, teaching, and listening, both in general and as applicable to their specific specializations. This includes but is not limited to information regarding hearing, vocal and musculoskeletal health, injury prevention, and the use, proper handling, and operation of potentially dangerous materials, equipment, and technology.

It is important to note that health and safety depend largely on personal decisions made by informed individuals. Rider University has health and safety responsibilities, but the fulfillment of these responsibilities cannot and will not ensure any individual's health and safety. Too many factors beyond the University's control are involved.

Each individual is personally responsible for avoiding risk and preventing injuries to themselves before, during, and after study or employment at Rider University. The policies, protocols, and operational procedures developed do not alter or cancel any individual's personal responsibility, or in any way shift personal responsibility for the results of any individual's personal decisions or actions in any instance or over time, to the University.

All members of the Westminster Choir College and School of Communication, Media and Performing Arts community are encouraged to visit Health and Safety Recommendations (https://www.rider.edu/student-life/health-wellness/student-health-services/health-education-updates/recommendations-sfps-wcc-students/) on Rider's website for a series of recommendations and resources designed to help each individual to become aware of and attend to various issues.

International Student Status

Federal regulations require that all F-1 and J-1 undergraduate and graduate international students maintain full-time status. International students may engage in one online course per mandatory term (fall and spring term) as long as they are enrolled in a full course load. Students may request part-time status under specified, limited circumstances, including during their final semester. Prior approval of the Office for International Education (https://www.rider.edu/academics/centers-institutes/office-of-international-education/) is required.

All international students do not need to comply with the above restrictions for summer course work.

Interruption of Studies

Students who interrupt their studies must notify the appropriate graduate program office. If studies are interrupted for up to one year, students may return with the approval of the advisor. However, if two calendar years elapse between the last date of attendance and the next registration, students must submit an application for readmission together with a nonrefundable readmission fee. Students will be responsible for the application and degree requirements in force at the time of readmission.

For students to remain in good standing with the division, they must file a notification of non-attendance form announcing their intention to not attend any semester prior to the beginning of that semester. The form may be procured from the approved graduate office.

Outside Activities – Westminster Choir College

Westminster Choir College students are expected to give priority to all officially scheduled classes, lessons, rehearsals, on- and off-campus performances (including tours), and other official functions involving music students. Outside activities, such as employment, church or volunteer work, or other professional engagements should not conflict with college requirements or those listed on course syllabi. Students employed outside of the college should inform employers of their commitment to their education and their obligation to college classes and ensembles.

Thesis/Capstone - Westminster Choir College

Students in the M.M.E. (p. 1478) and M.V.P. (p. 1487) programs must register for one hour of thesis credit in the semester or summer term in which thesis work begins, in the semester or summer term in which work is completed, and in any other semester or summer term in which assistance is provided by the thesis advisor. A grade of "S" will be recorded on the student's transcript in any/all semesters while thesis work is ongoing but incomplete. Students in the M.A.T. (p. 1452) program must complete a capstone as part of the degree requirements.

Upon final approval of the thesis, a letter grade will be assigned by the thesis advisor for the final semester of registration. Final approval and deposit of the thesis must occur a minimum of one month prior to the end of the semester in which graduation is anticipated for Music Education students; a minimum of two weeks prior to the end of the semester in which graduation is anticipated for Voice students.

Transfer Credit While Currently Enrolled at Rider University

Currently enrolled students are strongly encouraged to obtain permission to transfer a course before enrolling in a course at another institution, using the form available on the Registrar's Office website or from their

academic dean's office. If prior approval is not obtained, there is no guarantee that transfer credit will be granted.

College of Education and Human Services Credit Transfer Policy
It is the policy of the Department to accept up to twelve (12) graduate transfer credits into its programs, or up to 30 graduate credits for the Clinical Mental Health Counseling (CMHC) Program, subject to Program and Department Chair approval who will make each credit-transfer decision in the light of meeting best the program needs of individual students. Credits approved for transfer will be added to students' transcripts after approval from the program director or the person designated by the program director.

For all degree and certificate students other than Ed.S. Students, transfer credits must meet the following guidelines:
1. All transfer credits must carry a graduate letter grade of at least "B," and requests for such credits must be made in writing on the appropriate form.
2. All transfer credits must be for graduate course work taken within six (6) years from the date of acceptance into the program (with the exception of the Counseling Services program, which is eight years from the date of acceptance into the program; and with the exception of some courses in the Graduate NursingProgram). Courses not meeting this criterion are subject to Program Director review and approval.
3. All transfer credits must be approved by the program director or the person designated by the program director at the time of initial enrollment in the Rider
University program.
4. Official transcripts covering courses submitted for transfer must accompany the written request for such transfer, if the transcripts have not already been filed.
5. Course descriptions and/or syllabi of the courses being requested for transfer may be required.

For Ed.S. students, the program director or the person designated by the program director and the Department Chair will determine the number of credits to be transferred given the following guidelines:

1. All transfer credits must carry a letter grade of at least "B."
2. Transfer credits must be taken within six years from the date of acceptance into the program. Exceptions may also be granted by the program director or the person designated by the program director for courses where content remains consistent over time and supports current program objectives.
3. For students in the School Psychology Program, up to 36-credits may be transferred. Students in the Counseling Services Program may transfer up to 48-credits from a CACREP approved program. Students admitted from a non-CACREP approved program may transfer up to 36-credits.
4. Official transcripts must accompany the request for transfer of credit. The advisor must approve the credits to be transferred upon admission.
5. Credits approved for transfer will be added to students' transcripts at the time of admission to the program.
6. Course descriptions and/or syllabi of the courses being requested for transfer may be required.

Westminster Choir College
Approval of transfer credits is given by the appropriate academic department, following receipt of a written petition and an official transcript. Graduate students may request transfer of a maximum of six (6) credits from other graduate schools. A maximum of six (6) additional credits earned through the Westminster Continuing Education program may be applied toward graduation requirements in the M.M. and M.V.P. programs. A maximum of twelve (12) additional credits earned through the Westminster Continuing Education program may be applied toward graduation requirements in the M.M.E. program. Official transcripts must be submitted before any transfer or continuing education credits can be accepted.

Norm Brodsky College of Business
For specific information about transfer credit policies in the Norm Brodsky College of Business (p. 1364) graduate program, visit their webpage.

College of Arts and Sciences
Approval of transfer credits is given by the appropriate graduate program, following receipt of a written petition and an official transcript. Graduate students may request transfer of between six (6) and nine (9) credits depending on the program from other graduate schools.

Graduate Exams

For 14-week semester courses, when required, an exam will be held during the final week of class.

For accelerated 7-week courses, when required, the exam will be held during the last class meeting.

M.M., M.M.E. and M.V.P General Policies

General Policies and Program Requirements for the Master of Music (M.M.), Master of Music Education (M.M.E.) and Master of Voice Pedagogy (M.V.P.)

General Policies and Requirements (p. 1607)
Graduation with Distinction (p. 1609)
Graduate Assistantships (p. 1609)
Graduate Oral Exams (p. 1609)

General Policies and Requirements

- An applicant for admission as a graduate student must, at the time of initial enrollment, provide documentation of having earned a baccalaureate degree, normally but not necessarily with a major in music.
- International students also should review International Student Admission (https://www.rider.edu/admissions/international/) for additional information and requirements.
- All entering students in the M.M. degree take placement tests in order to determine the level of their skills in a variety of areas. Please refer to Graduate Placement Testing Information (https://www.rider.edu/about/offices-services/first-year-programs/new-student-orientation/westminster-welcome/graduate-placement-tests/) and Diction Hearings (https://www.rider.edu/academics/colleges-schools/college-arts-sciences/westminster-choir-college/graduate/placement-tests/) on the University website for more information.
- Graduate students must earn minimum grades of "Y" or "B-" in all courses mandated to remove deficiencies in musical preparation,

as determined by placement examinations at the time of initial enrollment. If a grade of "Z" or "C+" or lower is earned, the course must be repeated.

- A final course grade of "D" is not given at the graduate level in Westminster Choir College.
- All degree requirements must be completed within seven years of initial enrollment. Students who have not completed a degree within this time may be required to repeat courses and/or to meet further requirements. If more than one year has elapsed since the date of last enrollment, students may be required to re-apply and re-audition for the program and must meet all requirements in place at the time of their readmission.
- A minimum cumulative or semester grade point average of 3.00 must be maintained at all times. Students who fall below this level may become ineligible to receive graduate awards and are placed on conditional academic standing. Students in this situation place themselves at risk of academic dismissal. Grades earned in courses offered through Continuing Education are recorded but are not factored into the grade point average. A 3.0 cumulative grade point average is required for graduation, and students must be removed from Conditional Academic Standing to be eligible for graduation.
- Only courses carrying graduate credit may be counted toward master's degree requirements.
- Choral Conducting students must demonstrate, by means of examination or of transcript grades, a reading knowledge of either French or German equivalent to two years of study at the college level. Voice Pedagogy and Performance majors must present one year each of college-level study in two of the following languages: French, German, or Italian. Grades of C- or below are not accepted as a demonstration of these skills. Graduate credit is not awarded for foreign language study. A score of 3 on the AP (Advanced Placement) test or a score of at least 65 on CLEP tests is sufficient for language deficiency removal for graduate students providing that these tests were taken within the previous 5 years.
- Undergraduate foreign language study is sequential, each course being a prerequisite to the next. A minimum grade of C is required for advancement to the next level. Grades of C- or below will not be accepted. Placement tests are offered for students who have a background in French, German, or Italian. Advanced standing may be approved, but credit is not awarded except by transfer of credits earned in foreign language study at the college level. Most graduate students must demonstrate proficiency in foreign languages or show transcript evidence of completion of college level study as indicated below. Native speakers may be exempted from taking a course in their native language by the Dean or by recommendation from the appropriate language instructor. This exemption does not receive credit but fulfills graduate language requirements in that language.
- All graduate Voice and Choral Conducting students must demonstrate competency in the diction of the major languages they will encounter. English, Italian, German, French) as well as in the International Phonetic Alphabet (IPA). They may demonstrate competency by successful completion of a diction screening at the onset of graduate studies. If they cannot successfully pass the diction screening after one semester (two attempts), they must enroll in private vocal coaching (online) to improve their diction skills..
- Graduate students in Voice Pedagogy and Performance must pass a university-administered proficiency examination, both written and oral, in two foreign languages chosen from French, German, or Italian; or must provide transcript evidence of successful completion of one year of college study in two of those languages; or may take FRE 100 and FRE 101, ITA 100 and ITA 101, and/or GER 100 and GER 101, to satisfy these requirements. A grade of 'C' is the minimum accepted for all foreign language proficiency purposes. Grades of 'C-' or below will not be accepted.
- Graduate students pursuing the M.M. or M.M.E. degrees must earn credit for at least two terms of choral ensemble experience.
- All graduate students must pass a final oral examination in each major field. The oral examination may be scheduled only after completion of any and all non-credit-bearing courses being taken to remove deficiencies in musical preparation, and upon approval by the student's academic advisor. This stipulation does not apply to foreign language courses being taken to establish proficiency levels. The oral examination must be completed by the deadline published in the calendar section of this catalog. Please see Graduate Oral Examinations (http://catalog.rider.edu/policies/graduate/oral-examinations-wcc/) on the University website. Further information is available at Graduate Programs - Music Education. (http://www.rider.edu/wcc/academics/graduate-programs/music-education/)
- A maximum of six graduate credits may be earned by transfer from other institutions with departmental approval. Credit by examination is not awarded at the graduate level except in the case of applied music. In the case of course waivers, the credits involved must be replaced with other elective course credits, unless stated otherwise by the department offering the course.
- Students pursuing the M.M. or M.V.P. degree may present toward "electives" a maximum of two credits of choral ensemble participation beyond "core" requirements. After the completion of primary applied lesson requirements, students may enroll in elective applied lessons and count those credits towards "free electives." Elective applied lessons carry a fee. In some degree programs, "electives" must be chosen from discrete lists of courses unless otherwise approved by the major field department.
- Students must register for applied study during the term when they plan to give a voice, organ, piano, or composition recital unless this requirement is specifically waived by the applied department.
- Students in the M.M.E and M.V.P. programs must register for 1 hour of thesis credit or one hour of capstone credit in the semester or summer term in which work begins, in the semester or summer term in which work is completed, and in any other semester or summer term in which assistance is provided by the thesis or capstone advisor.
- Commencement: Academic year requirements extend through the annual spring Commencement. All students enrolled in required ensembles (Chapel Choir, Schola Cantorum, Symphonic Choir) are required to participate in Commencement unless excused under extraordinary and unavoidable circumstances, such as serious illness. All other students are encouraged to participate in Commencement. In particular, credit for spring semester choir participation is lost if a student does not attend and is not excused from Commencement. Students participating with the members of the graduating classes are required to purchase or rent appropriate academic regalia, available through the college store.
- In addition to the information given here and on the following pages, students are referred to individual department handbooks for additional information and requirements.

Graduation with Distinction

Graduate students will graduate *with distinction* upon earning a cumulative grade point average of 3.85 or better in all 500-, 600-, and 700-level courses.

Graduate Assistantships

A limited number of assistantship positions and graduate scholarships are available to full-time graduate students. Interested students should visit the graduate assistantship website (https://www.rider.edu/careers/events-resources/graduate-assistantships/).

Graduate Oral Exams

General information

1. All students pursuing the M.M., M.M.E., or M.V.P. degree in the School of Westminster Choir College must pass a final oral examination.
2. The oral examination normally occurs during the last semester in which a student is enrolled prior to graduation.
3. **All courses required to remediate academic deficiencies in Musicianship and Music History must be completed successfully by the end of the semester prior to the oral examination.**
4. The oral examination must be completed by the deadline published in the Academic Calendar (p. 1576) in this catalog.
5. Students who elect to pursue multiple graduate programs must pass a separate final oral examination in each major area.
6. Students who have not passed all portions of the oral exam must be re-examined within one year from the date of the original or previous exam. Students failing to meet this deadline or who have not passed the oral examination after three attempts are no longer considered degree candidates and become ineligible to graduate.
7. Students must apply to schedule the oral examination by November 1 for a fall examination, by April 1 for a spring examination, or by June 1 for a summer examination.

Examining Committee

1. The examining committee consists of no fewer than three Westminster **music** faculty members, full-time or adjunct, including two from the student's major area, and one member of the student's choice from outside the major area.
2. Departments may establish their own policies regarding membership for the major area portion of the examining committee.

Structure and Content of Examination

1. The structure and content of the examination should support the general philosophy of graduate education, as previously endorsed by the Westminster Academic Policy Committee, which states:

   Critical thinking is to be encouraged throughout the curriculum. Students should acquire a musicological sensibility and the ability to engage in a logical discourse about varied aspects of the art. In addition to overall musical competency, true expertise is required in a particular area. At the conclusion of their studies, students should have an understanding of what remains to be learned and the tools to continue their education throughout their lives. They should be fully prepared to embark upon—or continue in—their professional lives as performers, composers, teachers, ministers of music, conductors, doctoral students, and vigorous advocates for music.

   While specific content is left to the discretion of the department, the examination should be designed to demonstrate the student's ability to engage in a logical discourse in the major area and its relationship to various aspects of the art and should transcend the mere recitation of factual information.

   Departments will create written guidelines to assist students in preparing for the examination, which will be distributed to students at the onset of their graduate studies.

2. The Director of Graduate Studies will periodically attend examinations as a fourth, non-voting, member to ensure a degree of interdepartmental consistency in content and the standards to which students are held. The DGS will report his/her findings to the Graduate Committee and the WAPC for future review.

Code of Academic Integrity

Introduction

All information given here applies to all undergraduate and graduate students of Rider University.

Significance of Accepting Admission to Rider University

By the act of accepting admission to Rider University, students acknowledge and agree to the following:

1. they will be bound by and comply with all University standards and policies, including but not limited to those standards and policies set forth in this catalog. **Primary and ultimate responsibility for knowing and conforming to these standards, policies and degree requirements resides with the individual student;**

2. that the ultimate authority to regulate and maintain order on the University campuses resides with the President and the Board of Trustees; and,

3. that the University retains ownership and the exclusive right to use any and all promotional, publicity, and entertainment products (including those produced as course requirements), creations, and activities engaged in by the student while at the University, including but not limited to photographs, television, audio and video recordings, motion pictures, artistic performances and presentations, Internet/web-based productions and sales, and athletic events and all proceeds therefrom. The student has no right to any payment for participation therein.

Students further agree to execute any documents required to confirm or convey to the University all rights outlined in subpart (3) above.

Rider University's Right to Change Catalog Contents

This Academic Catalog is not a contract nor is it an offer to enter into a contract. While every effort is made to ensure the accuracy of the information provided in this catalog, it must be understood that all policies and procedures (as well as courses, course descriptions, curricular and degree requirements, and other academic information) described in this catalog are subject to change or elimination at any time without prior notice.

The primary, and ultimate responsibility for knowing and conforming to the standards, policies, and degree requirements outlined in the Academic Catalog resides with the individual student. While every effort will be made to inform students of any changes as soon as is practical,

students should consult the appropriate academic or administrative department, school, college, or other service provider for currently accurate information on any matters described in this catalog. Changes affecting degree requirements will take into account the applicability of the change to currently matriculated students.

Rider University also reserves the right to vary the policies and procedures in the Academic Catalog on a case-by-case basis, as fair and reasonable treatment of interested parties requires in the University's best judgment.

Academic Rights and Freedoms

It is the responsibility of Rider University to protect the academic freedoms of the students in accordance with the Joint Statement on Rights and Freedoms of Students (https://www.aaup.org/report/joint-statement-rights-and-freedoms-students/). Of critical importance is the section In the Classroom, which deals with the relationship between the professor and the student. "The professor in the classroom and in conference should encourage free discussion, inquiry, and expression. Student performance should be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards."

1. Protection of Freedom of Expression
Students should be free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion, but they are responsible for learning the content of any course of study for which they are enrolled.

2. Protection Against Improper Academic Evaluation
Students should have protection through orderly procedures against prejudiced or capricious academic evaluation. At the same time, they are responsible for maintaining standards of academic performance established for each course in which they are enrolled.

3. Protection Against Improper Disclosure
Information about student views, beliefs, and political associations that professors acquire in the course of their work as instructors, advisors, and counselors should be considered confidential. Protection against improper disclosure is a serious professional obligation. Judgments of ability and character may be provided under appropriate circumstances, normally with the knowledge or consent of the student.

When students feel that their academic rights and freedoms have been violated, they must have a defined avenue of appeal that is consistent with the principles outlined in the Joint Statement on Rights and Freedoms of Students, the AAUP 1940 Statement on Academic Freedom, and the AAUP 1956 Statement on Professional Ethics.

Code of Academic Integrity

Preamble

Academic honesty constitutes the cornerstone of the academic community. Learning, teaching and scholarship cannot be conducted in an atmosphere of dishonesty. Therefore, Rider University insists on strict adherence to the concept of academic honesty as indispensable to the continued existence and future development of the campus community. Every student has a direct personal interest in maintaining academic honesty since each evaluation of academic progress involves a judgment by the faculty member concerning each individual's intellectual performance. The evaluation process is predicated on the assumption that an individual's achievement reflects his/her own ability, effort and perceptions.

Academic dishonesty includes any unauthorized collaboration, misrepresentation or fabrication in the submission of academic work. In all written work, whether in class or out of class, the student's name on the work is considered to be a statement that the work is his or hers alone, except as otherwise indicated. Students are expected to provide proper citations for the statements and ideas of others whether submitted word for word or paraphrased. Failure to provide proper citations will be considered plagiarism and offenders will be subject to the charge of plagiarism specified in the statement of regulations.

Similarly, students are expected to adhere to all regulations pertaining to examination conduct including placement tests. These regulations are designed to insure that the work submitted by the student on examinations is an honest representation of that student's effort and that it does not involve unauthorized collaboration, unauthorized use of notes during the exam, or unauthorized access to prior information about the examination.

In oral or written submissions presented as scientific or non-fiction, fabrication or alteration of facts, data, images, or audio or video recordings, or misrepresentation of procedures or of participation in an academic activity, for the purpose of misleading, also constitutes academic dishonesty.

Jurisdiction of the Code of Academic Integrity

Each student is responsible for his or her academic conduct from the time of acceptance for admission through the actual awarding of a degree.

Statement of Regulations

Section 1. Out-of-Class Assignments.
Students are expected to provide proper citations for the ideas and statements of others. When the ideas are paraphrased, the sources of those ideas need only to be properly cited. When the ideas are quoted (copied word for word), the copied words must be set in quotation marks and cited. When students collaborate on papers or out-of-class examinations, the names of all collaborators must be acknowledged on all papers submitted. It is expected that research and writing assigned to an individual student will be done by that student.

1.1 Ghostwriting. Written work submitted by an individual student (or group of students working together as approved in advance by the instructor) is expected to be the work of that student (or approved group). A false claim of authorship is an act of academic dishonesty.

1.2 Word for Word Plagiarism. Copying, word for word, from any source (book, magazine, newspaper, Internet source, unpublished paper or thesis) without proper acknowledgment by quotation and citation within the text of the paper, or the submission of any part of another's work, word for word, without proper quotation and citation is an act of academic dishonesty.

1.3 Patchwork Plagiarism. The submission of work which has been constructed by piecing together phrases and/or sentences quoted verbatim (word for word) or paraphrased from a variety of unacknowledged sources is an act of academic dishonesty.

1.4 Unacknowledged Paraphrases. Submission of another author's facts or ideas in one's own words without acknowledgment by proper citation is an act of academic

dishonesty. (If the ideas or information are neither originally the student's nor cannot be found in a variety of sources, the source must be acknowledged by footnotes or by proper citation within the text of the paper. Failure to acknowledge this indebtedness is referred to as "unacknowledged paraphrase.")

Section 2. Examination Conduct

Students are expected to adhere to the following regulations pertaining to their personal and academic conduct before, during, and after examinations. These regulations are designed to insure that the work submitted by a student on examinations is an honest representation of that student's effort and that it does not involve unauthorized collaboration, unauthorized use of notes during an examination, or unauthorized access to prior information about the examination.

2.1 Prior Access to Examinations. No student may have direct or indirect access to an examination or an examination question without the express approval of the faculty member who has prepared the examination. Unauthorized entry into offices, duplicating centers, computers, voice mail, fax, other electronic media, or personal possessions of faculty is prohibited. Prior access to examination information, attempts to gain access to examination material, unauthorized possession of examination material, and the derivation of benefit from or aiding access to examination materials are all acts of academic dishonesty.

2.2 Unauthorized Assistance During Examinations. The receiving or giving of any written, oral or visible help on an examination is an act of academic dishonesty.

2.3 Proxy Representation. Students are expected to sit for examinations required for the courses in which they are enrolled. Proxies/ghosts are strictly prohibited. Serving as a proxy, or being served by proxy, during an examination is an act of academic dishonesty. (Students must carry ID cards at all times, including the times they present themselves for examinations. Students must present their ID cards during an examination if requested to do so by the proctor or instructor.)

2.4 Unauthorized Use of Written or Electronic Material During Examinations. No student may use any book, notebook or other written or electronic materials during an examination unless such examination has been designated as an "open book" type, in which case the examining faculty member must have so informed the class prior to the examination. Materials which are not permitted to be used on the examination, if brought to the examination room, must be deposited at a location specified by the faculty member. Unauthorized possession of any written materials during an examination is an act of academic dishonesty.

Section 3. Fabrication

Students are expected to accurately report facts and data obtained in their research activities; present documentary photographs and audio and video recordings honestly; and, report on their attendance at events and engagement in activities honestly and accurately. Fabrication includes the making up or falsification of facts, data, sources or procedures; misleading doctoring or manipulation of photographs or video; or falsely claiming to have attended an event or visited a site, or engaged in an activity, or misrepresenting the time devoted to such attendance, visitation, or engagement, for the purpose of misleading.

3.1 Fictional devices in nonfiction material. Names, dates, places and other verifiable facts should not be altered in any paper or story that purports to be factual and non-fiction. Facts that must be disguised or withheld to protect the privacy or safety of a source should be acknowledged with an appropriate explanation to the reader/viewer. Composites, which present the characteristics or experiences of more than one person or event blended into one, should not be used without a clear explanation to the reader/viewer.

3.2 Documentary photos and audio or video recordings. While manipulating images and recordings for purposes of satiric or similar effect is permissible for artistic purposes, such manipulations should not be presented in a way that can be confused with reality. It is not permissible to doctor or manipulate photographs or recordings if the result is counter-factual. Cropping and enhancement of clarity are permissible, provided it does not distort reality so as to deceive the audience.

3.3 Scientific misconduct. Fabrication, manipulation, or "fudging" of the processes or results of experiments or observations, and similar practices which seriously deviate from those commonly accepted by the scientific community, as represented by your faculty, for proposing, conducting or reporting research, are also violations of this policy. Honest errors and honest differences of opinion in interpretations and judgments of data are not included in this definition.

3.4 Procedural dishonesty. This category includes falsely claiming to have attended an event or to have remained at the event longer than one did; claiming to have visited a site; or to have engaged in an activity, whether for purposes of extra-credit in a course, or for inclusion in a graded assignment.

Procedures to be Followed in Cases of Academic Dishonesty

Step One

When a faculty member has reason to believe that an act of academic dishonesty has been committed by a student enrolled either in a current course or in one completed within the previous four months, the faculty member shall notify the student in writing of the alleged violation and require that the student meet with the faculty member at a mutually satisfactory time within five (5) working days after the faculty member's notification. The faculty member shall have the authority to extend the time within which the meeting takes place to ten (10) working days at his or her discretion. If the meeting does not occur within this time, the faculty member may proceed with the imposition of any of the sanctions described below.

At this meeting with the student, the faculty member and the student shall discuss the alleged act of dishonesty. The faculty member and the student shall seek to resolve the matter during this meeting. If the faculty member concludes that an act of academic dishonesty has not occurred, no further action shall be taken and the student shall be permitted to complete the course, if it is still in session, as if the faculty member's allegation had not been made.

If, as a result of information obtained in this meeting and/or shortly thereafter, the faculty member concludes that an act of academic dishonesty has occurred, he/she must notify the student of this determination in writing within seven (7) working days of the meeting and must indicate which one of the following sanctions will be invoked. The existence of a prior finding of academic dishonesty may impact the choice of sanction. The options are listed below in ascending order of seriousness. The faculty member may:

1. Direct the student to resubmit any work necessary to complete the course requirements;

2. Direct the Registrar to change the grade given to the student to the notation "Incomplete" and direct the student to resubmit any work necessary to complete the course requirements;
3. Lower the grade appropriately on the assignment in which the academic dishonesty took place in light of the gravity and implications of the act of dishonesty, recalculate the final course grade, and direct the registrar to change the final course grade accordingly;
4. Direct the Registrar to enter the grade of "F" for the course on the student's permanent academic record (this "F" supersedes all other grades, including the "W" notation);
5. Initiate charges against the student with the Academic Integrity Committee for the purpose of causing the student to be suspended or dismissed from the University

The sanction will be effective immediately upon notification, except for sanction #5.

When the faculty member invokes sanction #5, he/she must submit a letter detailing the act of alleged academic dishonesty to the Academic Integrity Committee and, simultaneously, to the student involved, to the faculty member's department chairperson, to the student's academic dean and, in the case of an undergraduate student, to the Dean of Students.

When the faculty member invokes any of the sanctions #1 through #4 and the student does not challenge the decision within seven (7) working days of receiving notice from the faculty member, the faculty member shall place copies of the decision in the student's academic file in the student's academic dean's office. If the student challenges the sanction (#1-#4) recommended by the faculty member (based solely on disputing the charge of academic dishonesty), he/she shall have the right to pursue a written appeal beyond the faculty member, first to the chairperson of the department where the faculty member (or if an adjunct based solely in a program, where his/her program director) is based and then, if necessary, to the appropriate academic dean. If the faculty member of the course is the department chairperson, the appeal shall go directly to the appropriate academic dean.

Step Two
The written appeal to the department chairperson or academic dean must be made within seven (7) working days of the receipt of the faculty member's decision, with a copy of the appeal to the faculty member. The department chairperson or academic dean will have seven (7) working days to reach his/her decision. The department chairperson or academic dean shall send the decision to the student by registered mail or hand delivery, with a copy to the faculty member. If the department chairperson upholds the faculty member's decision regarding academic dishonesty and the student does not appeal this decision in writing to the appropriate academic dean within seven (7) working days from the receipt of the decision, the department chairperson shall place copies of the decision in the student's academic file in the student's academic dean's office.

Step Three
If either the student or faculty member is dissatisfied with the chairperson's or dean's decision, the student or faculty member will have seven (7) working days from receipt of that decision to submit a written appeal to the dean of the college in which the course is taught, with copies to the faculty member, student, and department chairperson. (If the dean has already ruled on the case, he/she shall appoint another department chair, or an associate or assistant dean to handle this appeal.) The appropriate dean shall schedule a meeting with the student and faculty member to hear the appeal as soon as it can reasonably be set, and, following his/her assessment of the situation, will have seven (7) working days to render a decision. The dean shall convey his/her decision in writing by registered mail or hand delivery to the student, with a copy to the faculty member and the department chairperson. If the dean upholds the faculty member's decision regarding academic dishonesty and the student does not appeal this decision to the Academic Integrity Committee within seven (7) working days from receipt of the decision, the dean shall place copies of the decision in the student's academic file in the student's academic dean's office. If after appealing to the dean, the student or faculty member is still dissatisfied, a final appeal may be made in writing to the Academic Integrity Committee within seven (7) working days of receipt of the dean's decision.

Step Four
The Academic Integrity Committee shall consist of six (6) members:

Three (3) faculty members appointed by the bargaining unit members of the University Academic Policy Committee; two (2) administrators with faculty rank appointed by the Provost and Vice President for Academic Affairs; and one (1) full-time undergraduate student selected by the Student Government Association who, at the time of his/her service, must be a senior with a grade point average no lower than 3.25.

The bargaining unit members of the University Academic Policy Committee, the Provost and Vice President for Academic Affairs, and the Student Government Association shall each designate one alternate who shall serve in the event an applicable appointee is unable to serve. The bargaining unit faculty members and the administrators shall serve two-year terms, beginning with the date of appointment, and may be reappointed. The student member shall serve a one-year term.

The committee shall select from among its members with faculty rank a chairperson and a vice chairperson, and immediately notify the President, the Provost and Vice President for Academic Affairs and the chairperson of the University Academic Policy Committee, the president of the Student Government Association, and the Dean of Students of the names of the designees. The chairperson or vice-chairperson shall serve as the hearing coordinator. Any three (3) members of the committee with faculty rank (including the hearing coordinator) shall constitute a quorum.

The failure or inability of any appointing body to fulfill its responsibility to appoint any member(s) to the Academic Integrity Committee shall not prevent the committee from organizing and exercising its prescribed duties. Whenever there is no chairperson or vice-chairperson of the committee, the Provost and Vice President for Academic Affairs shall appoint a convener. Ordinarily, the chairperson (or vice-chairperson, in his/her absence) shall preside over the meetings of the committee.

The hearing coordinator shall have the following duties and responsibilities:

1. To assure that all procedures have been followed;
2. To inform the members of the committee that a charge of alleged academic misconduct against a student has been brought by a faculty member or that a student or faculty member has appealed a decision;
3. To see that all members of the committee receive the appropriate materials necessary for the hearing of the charge and appeal;
4. To keep a permanent record of the committee's proceedings; and
5. To see that all decisions made by the committee are prepared and distributed to the relevant parties.

Within ten (10) working days after receipt of a charge brought by a faculty member, or an appeal brought by either party, a date for a hearing shall be set and the faculty member and the student shall be notified of that date. If the hearing has not occurred within those ten (10) days, it shall be scheduled to take place as soon as possible thereafter. The committee chairperson shall have authority to extend any deadlines when it is evident that both parties have made good faith, though unsuccessful, efforts to meet the stated deadlines. Parties at the hearing shall be limited to members of the Rider University community with information pertinent to the given case. The student may choose to have a University advisor present with him/her. This advisor may be a university administrator, faculty member, or current student.

If the requested sanction is dismissal from the University, the student shall have the right to be accompanied by an attorney. If the committee indicates in advance that dismissal will not be considered by the committee no attorney shall attend. In cases where dismissal will be considered, if the student wishes to be accompanied by an attorney, the hearing coordinator must be so notified at least seven (7) days before the scheduled hearing so that the University may also have counsel present.

The committee shall establish the operating procedures by which it reviews cases. Standard operating steps include:

1. An uninterrupted presentation of his/her position by whichever person brought the matter to the committee (faculty member or student);
2. An uninterrupted presentation of his/her position by the other party (faculty member or student);
3. Committee questioning of either and/or both parties;
4. Committee review of any documents or affidavits proffered by the parties;
5. Committee deliberations in executive session.

The role of any University advisor or attorney present shall be that of observer of the proceedings and advisor to his/her client and shall not include the right to question either party for the record. An audio recording shall be made of all proceedings conducted by the Academic Integrity Committee.

After both the faculty member's and the student's assertions and responses have been heard (including questioning of either party by the committee), the committee will decide whether the faculty member's charge and sanction shall be upheld.

If the faculty member's charge is upheld, the committee will normally uphold the sanction originally imposed, if it is consistent with the faculty member's pre-stated written guidelines (if any) given to the student at the outset of the course about the consequences of an act of academic dishonesty. However, the committee will have recourse to any one of the four (4) other sanctions which the faculty member could have chosen, or may decide to suspend or dismiss the student, depending upon the specific circumstances connected with each case.

When a student's graduation is affected by the outcome of an academic conduct case in a semester, term or session immediately before such graduation, all parties in the case shall make reasonable efforts to expedite the entire process.

As a result of its deliberation, the committee may find the student innocent of academic dishonesty, thereby levying no sanctions against the student. Under this condition, no punitive action shall be taken against the student, either by the committee or by the faculty member.

If the committee finds the student guilty of academic dishonesty, it may direct that one of the following sanctions be taken against the student in ascending order of seriousness:

1. That the student resubmit any work necessary to complete the course requirements;
2. That the registrar change the grade given to the student to the notation "Incomplete" and direct the student to resubmit any work necessary to complete the course requirements;
3. That the grade be lowered appropriately on the assignment in which the academic dishonesty took place in light of the gravity and implications of the act of dishonesty, and recalculate the final course grade and direct the registrar to change the final course grade accordingly;
4. That the registrar enter the grade of "F" for the course on the student's permanent academic record (this "F" supersedes all other grades, including the "W" notation);
5. That in addition to, or in place of, any of the sanctions imposed above, the student be suspended for a definite period of time or be dismissed from the University, whenever the committee deems it in the best interests of the University to do so, with the notation, "Dismissed for Academic Dishonesty" entered on the student's permanent academic record.

The sanction invoked will become effective immediately upon notification.

The committee shall notify, by registered mail or hand delivery, the faculty member and the student of its decision within five (5) working days after the hearing, and copies of the decision shall be forwarded to the student's chairperson and dean for inclusion in the student's academic file. The committee's decision shall be final, with no other right of appeal.

Any letters placed in a student's academic file according to any of the provisions in this policy will be available to individual members of the faculty and the committee when determining sanctions in subsequent incidents of academic dishonesty for that student. These letters will also be made available to the members of Academic Standing Committees for making subsequent decisions regarding conditional academic standing and academic dismissal for that student.

Veterans and Military Service Information

Rider's degree programs are approved under the Veterans Readjustment Benefits Act of 1966, as amended. An application for VA Education and Training benefits is available online at www.vets.gov (https://www.vets.gov/) or www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/) .

Veterans who receive Chapter 33 Post 9/11 G.I. Bill®[1] benefits may be eligible for Rider's Yellow Ribbon Program (https://www.rider.edu/admissions/military-friendly/benefits-programs/yellow-ribbon-program/).

Students filing for benefits at Rider will be responsible for filing a copy of their separation papers (DD214) and/or their Certificate of Eligibility (COE) with the appropriate school certifying official. Contact the Registrar's Office (https://www.rider.edu/academics/academic-support/registrar/) certifying official at 609-896-5066 or the Dr. Eugene Marsh Center for Veterans and Military Affairs (https://www.rider.edu/about/offices-

services/veterans-military-affairs/) at 609-896-5000 ext. 7382 with questions.

Rider University strives to settle all grievances internally in order for the issue to be resolved as quickly as possible. Any student who submits a complaint to the DoD and/or VA concerning any type of Federal or veteran educational benefit must also inform Rider University in writing within 7 (seven) days of when the complaint is made.

Enrolled students may contact the Dr. Eugene Marsh Center for Veterans and Military Affairs (https://www.rider.edu/about/offices-services/veterans-military-affairs/) at 609-896-5000 ext.7382 with any questions or concerns.

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The GI Bill is a registered trademark of the U.S. Department of Veteran Affairs (VA). More information about education benefits offered by the VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/) .

Reserve Officer's Training Corps (ROTC)

Army Reserve Officer's Training Corps (ROTC)

Mission

Rider University students are eligible to participate in the Princeton Army ROTC (https://princetonarmyrotc.princeton.edu/) program through a formal cross-town enrollment agreement with the U.S. Army Cadet Command. Princeton Army ROTC will recruit, educate, develop, and inspire ROTC Cadets at off-campus locations in order to commission officers of character for the Total Army; and develop citizens of character for a lifetime of commitment and service to the nation.

The Army ROTC program is designed as a four-year leadership program divided into two phases: the basic course and the advanced course. The basic course is open to all students (100 series only; 200 series and above upon approval by the Princeton Army ROTC Professor of Military Science). The advanced course is available to cadets who complete the basic course and wish to be commissioned as either active or reserve component officers.

The Basic Course

This course is primarily designed for full-time freshmen and sophomores who desire to pursue a commission in the United States Army. However, students in good academic standing are encouraged to take MSCI 100-series and 200-series (p. 1615) courses to broaden their knowledge and develop leadership skills. Students enrolled in the Basic Course attend a weekly classroom session, as well as three morning sessions of physical training and a Leadership Lab. The Basic Course curriculum consists of introductory lessons in beginning soldier and leadership skills such as Army customs and courtesies, Army values, time management, effective communications, decision making, and physical fitness.

There is no military obligation associated with enrollment in the Basic Course. Students are free to withdraw from the program as they would from any other academic course. Students who desire to earn possible elective credit on their Rider transcript, upon successful completion of the course(s), should request a letter from the Director, Army Officer Education Program Princeton, to their college Deans Office, declaring the student (full-time) has satisfactorily completed the listed course(s) with nomenclature, grade(s), grade point(s) and credit hours, for evaluation by the Dean.

Completion of the Basic Course is a prerequisite for enrollment in any of the advanced course classes; however, interested students with prior military service are encouraged to speak with a member of the ROTC cadre to discuss additional options that may be available.

The Advanced Course

This course provides full-time juniors and seniors (and select graduate students) the opportunity to complete their professional development in preparation for commissioning into the United States Army upon graduation. Approval by the Princeton Army ROTC Professor of Military Science is required for any student to enroll in the Advanced Course. Once enrolled in the Advanced Course, students are obligated to complete the program and accept a commission, if offered, as a Second Lieutenant in the United States Army.

Students enrolled in the Advanced Course attend a weekly three-hour classroom session, in addition to three morning sessions of physical training and a Leadership Lab. Advanced Course cadets will lead the morning physical training sessions. The Advanced Course curriculum focuses on organizational leadership, small-unit tactics, military history, war and morality, the profession of arms, and continuing self-development. Advanced Course students plan, coordinate, and supervise the execution of ROTC activities outside the military science academic curriculum.

Cadets who desire possible elective credit on their Rider transcript must request a letter from the Director, Army Officer Education Program Princeton, to their college Dean's Office, declaring the student (full-time) has satisfactorily completed the listed course(s) with nomenclature, grade(s), grade point(s) and credit hours, for evaluation by the Dean.

Advanced Placement

Sophomores have opportunities to enter the ROTC program at the beginning and end of the academic year. Advanced placement does not result in the award of academic credits.

1. Through the first semester ROTC Add/Drop deadline, sophomores who have not previously enrolled in ROTC may enroll in MSCI 201. A student who successfully completes MSCI 201 and MSCI 202, as well as additional requirements assigned by the instructor, will meet the basic course prerequisites for entry into the advanced course.

2. Sophomores who missed attending ROTC courses during their first three semesters at Rider may have the option to attend the Army ROTC Cadet Basic Camp, a summer training opportunity at Fort Knox, KY, conducted during the summer before junior year. This opportunity is subject to available slating. This camp provides compressed instruction for all MSCI 100- and 200-series academic year courses. Student expenses are paid for by the Army and students are also paid a nominal salary for their attendance. Students must indicate an interest to attend Basic Camp no later than February 15th of their sophomore year.

3. Students with prior military service may receive ROTC placement credit for the basic course upon approval by the Princeton Army ROTC Professor of Military Science. This credit is given on a case-by-case basis, taking into account the branch of service, length of service, type of discharge, and rank attained.

For further details on any of these programs, call the Army ROTC office at (609) 258-4225 or email armyrotc@princeton.edu.

Activities

Army ROTC students participate in extracurricular activities as a student organization sponsored by the Princeton Army ROTC Department of Military Science. These activities are designed to build camaraderie, develop leadership skills, and produce competent military leaders.

Activities include a weekly four-hour Leadership Lab where Cadets in all Military Science courses perform practical exercises on subjects learned in class. Once per semester, ROTC cadets attend a field-training exercise at Fort Dix, N.J. in order to practice soldier skills in a military field environment. Other activities include color guard ceremonies, the Ranger Challenge military skills competition, tours of local battlefields (such as Princeton, Monmouth, or Gettysburg), trips to military conferences, annual holiday ball and awards ceremonies, and leadership seminars.

Each spring, cadets compete for the opportunity to attend military schools, such as Airborne (military parachutist) or Air Assault, during the summer (slots for these schools are very limited and highly competitive).

Military Science Course Description

MSCI 100-series courses are open to all students. For all other courses, enrollment requires the approval of the Princeton Army ROTC Professor of Military Science. Students complete courses as an extracurricular activity through the Princeton Army ROTC Department of Military Science. All grades are counted in the student's ROTC cumulative grade point average. Advanced placement does not result in the award of academic credits. These courses and activities take place at off-campus locations such as The College of New Jersey (MSCI 101-202) and Princeton University (MSCI 301-402).

MSCI 101/Introduction to Military Leadership I (3 course unit)
(annually—fall)
Prerequisite: Freshman standing or permission of instructor

An introduction to the ROTC program and the Army. Classes focus on Army leadership and management principles as well as basic soldier skills such as first aid and map reading, and familiarization with the U.S. Army's customs, courtesies, standards, and rank structure. Students also receive an introduction to basic leadership principles expected of military officers.

MSCI 102/Introduction to Military Leadership II (3 course unit)
(annually—spring)
Prerequisites: Freshman standing and completion of MSCI 101 or permission of the instructor

This course builds on the lessons learned in MSCI 101 in basic soldier skills and leadership. Students learn how to use basic leadership and management techniques, improve their competence in basic soldier skills and tactics, and receive further professional development in leadership skills. Students are introduced to the career field opportunities available to Army officers.

MSCI 201/Small-Unit Leadership I (3 course unit)
annually—fall)
Prerequisites: Sophomore standing and completion of MSCI 100-series courses, or permission of the Professor of Military Science

This course provides students with the opportunity to attain the next level of proficiency in physical fitness, basic soldier skills, problem solving, and leadership. This course introduces the operations order, a format for developing and communicating military operations, as well as further leadership development in effective communications, performance assessment, and counseling. Officer career field opportunities and responsibilities are also addressed in the course.

MSCI 202/Small-Unit Leadership II (3 course unit)
(annually—spring)
Prerequisites: Sophomore standing and completion of MSCI 201 or permission of the Professor of Military Science

Students participate in learning activities designed to provide practical experience in the use of the military decision-making processes. Oral presentation techniques and historical analysis of military decision making are also critical components of the course. Students prepare to assume cadet, non-commissioned officer leadership roles within the cadet command structure.

MSCI 301/Applied Military Leadership I (0 course unit)
(annually—fall)
Prerequisites: Junior standing and completion of the basic course (MSCI 100 and 200 series, or advanced placement)

Enrollment in this course marks a commitment to completing the ROTC program and receiving a commission as a second lieutenant in the United States Army. To this end, cadets study and practice the leadership aspects of planning and executing small-unit tactical operations. Further emphasis is given to development of leadership skills as measured by the Cadet Leadership Development Program, an evaluation system designed to improve an individual's competence as a military leader. Cadets get hands-on practice of these skills through assigned leadership positions within the cadet command structure. Cadets continue to refine their individual physical fitness and assist seniors in leading unit fitness sessions.

MSCI 302/Applied Military Leadership II (0 course unit)
(annually—spring)
Prerequisites: Junior standing and completion of MSCI 301

This course provides the cadets their final preparation for the Cadet Leadership Course (CLC) normally attended in the summer between junior and senior years. Cadets refine their individual and military leadership, with practical exercise opportunities and feedback from senior cadets and instructors. The course emphasizes leadership in small units, use of the military operations order, land navigation, and physical fitness.

MSCI 401/Leadership Development and the Profession of Arms (0 course unit)
(annually—fall)
Prerequisites: Senior standing and completion of MSCI 300-series courses

Cadets assume leadership roles within the cadet command structure. Cadets study the nature of military professionalism with respect to their future duties as officers. Students learn how to assess performance and to plan and supervise training using the Army's training management system. The course strives to develop habits of independent study with historical readings and oral presentations. Cadets gain practical leadership experience as they lead the Army ROTC program.

MSCI 402/Leadership Development and the Profession of Arms (0 course unit)
(annually—spring)
Prerequisites: Senior standing and completion of MSCI 401

This course provides the final preparation for an officer's commissioning. Learning activities include the Army Command Policy, Administrative Law, the Uniform Code of Military Justice, officer and enlisted evaluation and promotion systems, senior-subordinate relationships, performance counseling, and a tour of a historical battlefield. Cadets gain practical leadership experience as they lead the Army ROTC program.

Summer Offerings

MSCI 222/ Cadet Basic Camp (Introduction to Military Skills and Leadership) (0 course unit)

Sophomores (and select students headed to graduate school) who missed attending courses during freshman and/or sophomore year have the option to attend Army ROTC Cadet Basic Camp, a summer training opportunity at Fort Knox, KY, conducted during the summer before junior year. This camp provides compressed instruction for all MSCI 100- and 200-series academic year courses. All student expenses are paid for by the Army, plus students are paid a nominal salary of about $800 for their attendance. Meals and housing are provided at no expense. This opportunity requires the student's advanced commitment to pursue a commission as an Army officer.

MSCI 333/Cadet Advanced Camp (Advanced Military Leadership Practicum) (0 course unit)

All cadets who successfully complete their junior academic year and the MSCI 300-series courses must attend this five-week leadership development camp at Fort Knox, KY, where they are evaluated by commissioned Army officers on individual military skills and demonstrated leadership potential.

MSCI 334/Cadet Troop Leader Training (Junior Officer Leadership Internship) (0 course unit)

Cadets who successfully complete MSCI 300-series courses in their junior year and Cadet Advance Camp may request this opportunity. Cadets serve in tactical, active-duty Army units for three or four weeks, at military posts either overseas (Germany, Korea, Hawaii, or Alaska) or in any one of numerous locations throughout the continental United States. During this time, cadets get hands-on, practical experience in the platoon leader responsibilities they will assume as a second lieutenant. Cadets often use this opportunity to "try out" the branch of the Army they are most interested in pursuing during their career.

MSCI 335/Army Nurse Summer Training Program (Clinical) (0 course unit)

Nursing students who successfully complete MSCI 300-series courses in their junior year and the Cadet Leadership Course may request this opportunity to serve for three or four weeks in an Army hospital either overseas (Germany, Korea, and Hawaii) or in any one of the major military hospitals in the continental United States. Cadets get clinical experience working with commissioned officer Army nurses in an actual hospital environment.

Veterans Affairs Compliance Statement

Rider University Compliance with Veterans Benefits and Transition Act of 2018, Title 38 US Code 3679, subsection (e)

Background

Section 103 of Public Law (PL) 115-407, 'Veterans Benefits and Transition Act of 2018,' amends Title 38 US Code 3679 by adding a new subsection (e) that requires disapproval of courses of education, beginning August 1, 2019, at any educational institution that does not have a policy in place that will allow an individual to attend or participate in a course of education, pending VA payment, providing the individual submits a certificate of eligibility for entitlement to educational assistance under Chapter 31 or 33.

Pending Payment Compliance

In accordance with Title 38 US Code 3679(e), Rider University complies with the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post-9/11 G.I. Bill® (Ch. 33) or Veteran Readiness & Employment (Ch. 31) benefits, while payment to the institution is pending from VA. Rider University will not:

- Prevent the student's enrollment;
- Assess a late penalty fee to the student;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

- Produce the VA Certificate of Eligibility (COE) by the first day of class;
- Provide a written request to be certified.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA).

ARCHIVES

RIDER UNIVERSITY CATALOGS

- 2022-2023 Undergraduate / Graduate Catalog | PDF (https://www.rider.edu/sites/default/files/2023-10/2022-23_AcademicCatalog_RiderUniversity.pdf) | Online (HTML) (http://catalog.rider.edu/archives/2022-2023/)
- 2021-2022 Undergraduate / Graduate Catalog | PDF (https://www.rider.edu/sites/default/files/2023-10/RiderUniversity_2021-22_AcademicCatalog.pdf) | Online (HTML) (http://catalog.rider.edu/archives/2021-2022/)
- 2020-2021 Undergraduate / Graduate Catalog | PDF (https://www.rider.edu/sites/default/files/2021-07/2020-2021_RiderAcademicCatalog.pdf) | Online (HTML) (http://catalog.rider.edu/archives/2020-2021/)
- 2019-2020 Undergraduate / Graduate Catalog | PDF (https://www.rider.edu/sites/default/files/docs/RiderUniversity_2019-20_AcademicCatalog.pdf) | Online (HTML) (http://catalog.rider.edu/archives/2019-2020/)
- 2018-2019 Undergraduate / Graduate Catalog | PDF (https://www.rider.edu/sites/default/files/docs/Acad_Catalog_2018-19.pdf) | Online (HTML) (http://catalog.rider.edu/archives/2018-2019/)
- 2017-2018 Undergraduate / Graduate Catalog | PDF (https://www.rider.edu/sites/default/files/docs/acad_catalog_2017-18_v082018.pdf) | Online (HTML) (http://catalog.rider.edu/archives/2017-2018/)
- 2016-2017 Undergraduate / Graduate Catalog | PDF (https://www.rider.edu/sites/default/files/docs/acad_catalog_2016-17_v02272018.pdf) | Online (HTML) (http://catalog.rider.edu/archives/2016-2017/)
- 2015-2016 Undergraduate / Graduate Catalog | PDF (https://www.rider.edu/sites/default/files/docs/acad_catalog_2015-16.pdf) |

LAWRENCEVILLE CAMPUS

- 2014-2015 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_catalog_2014-15.pdf)
- 2013-2014 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_catalog_2013-14.pdf)
- 2012-2013 Undergraduate / Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/acad_undergradcatalog_2012-13.pdf)
- 2012-2013 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_gradcatalog_2012-13.pdf)
- 2011-2012 Undergraduate / Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/acad_undergradcatalog_2011-12.pdf)
- 2011-2012 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_gradcatalog_2011-12.pdf)
- 2010-2011 Undergraduate/Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/acad_undergradcatalog_2010-11.pdf)
- 2010-2011 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_gradcatalog_2010-11.pdf)
- 2009-2010 Undergraduate/Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/acad_undergradcatalog_2009-10.pdf)
- 2009-2010 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_gradcatalog_2009-10.pdf)
- 2008-2009 Undergraduate/Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/Undergrad_Catalog_0809_0.pdf)
- 2008-2009 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/graduate_catalog-0809.pdf)
- 2007-2008 Undergraduate/Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/ugradcat0708.pdf)
- 2007-2008 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/ugradcat0708.pdf)
- 2006-2007 Undergraduate / Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/ugradcat0607.pdf)
- 2006-2007 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/gradcat0607.pdf)
- 2005-2006 Undergraduate / Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/Catalog0506LAWUG.pdf)
- 2005-2006 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/Catalog0506LAWGR.pdf)
- 2004-2005 Undergraduate / Continuing Studies Catalog (http://www.rider.edu/sites/default/files/docs/Catalog0405LAWUG.pdf)
- 2004-2005 Graduate Catalog (http://www.rider.edu/sites/default/files/docs/Catalog0405LAWGR.pdf)

WESTMINSTER CHOIR COLLEGE

- 2014-2015 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_wcccatalog_2014-15.pdf)
- 2013-2014 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_wcccatalog_2013-14.pdf)
- 2012-2013 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/wcc_academic_catalog_2012.pdf)
- 2011-2012 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_wcccatalog_2011-12.pdf)
- 2010-2011 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_wcccatalog_2010-11.pdf)
- 2009-2010 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/acad_wcccatalog_2009-10.pdf)
- 2008-2009 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/wcc/wcccat0708.pdf)
- 2007-2008 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/wcc/wcccat0708.pdf)
- 2006-2007 Undergraduate / Graduate Catalog (http://www.rider.edu/sites/default/files/docs/Catalog0607WCC.pdf)
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